

1958

CENSUS OF MANUFACTURES

VOLUME II

INDUSTRY STATISTICS

PART I

GENERAL SUMMARY

AND

MAJOR GROUPS 20 TO 28















**VOL. II**

**INDUSTRY STATISTICS**

**Part 1**

**General Summary and Major Groups 20 to 28**

**Employment, Payroll, Capital Expenditures,  
Value Added, and Related Statistics by Industry;  
Quantity and Value of Individual Materials Used  
and Products Made**

Prepared under the supervision of  
**MAXWELL R. CONKLIN**  
Chief, Industry Division

**U.S. DEPARTMENT OF COMMERCE**  
Luther H. Hodges, Secretary

**BUREAU OF THE CENSUS**  
Richard M. Scammon, Director (From May 1, 1961)  
Robert W. Burgess, Director (To March 3, 1961)







# U.S. DEPARTMENT OF COMMERCE

## BUREAU OF THE CENSUS

Richard M. Scammon, *Director*

A. ROSS ECKLER, *Deputy Director*

HOWARD C. GRIEVES, *Assistant Director*

CONRAD TAEUBER, *Assistant Director*

HERMAN P. MILLER, *Special Assistant*

GLEN S. TAYLOR, *Special Assistant*

MORRIS H. HANSEN, *Assistant Director for Research and Development*

JOSEPH F. DALY, *Chief Mathematical Statistician*

JULIUS SHISKIN, *Chief Economics Statistician*

CHARLES B. LAWRENCE, JR., *Assistant Director for Operations*

C. F. VAN AKEN, *Special Assistant*

WALTER L. KEHRES, *Assistant Director for Administration*

M. DOUGLAS FAHEY, *Special Assistant*

CALVERT L. DEDRICK, *Chief, International Statistical Programs Office*

A. W. VON STRUVE, *Public Information Officer*

### **Industry Division—Maxwell R. Conklin, Chief**

Owen C. Gretton, Assistant Chief, Program Development

Jack L. Ogus, Assistant Chief, Research and Methodology

Louis J. Owen, Assistant Chief, Production and Process Statistics

Irving Rottenberg, Assistant Chief, Economic Research

Willis K. Jordan, Chief, Foods, Textiles, and Apparel

Cyril M. Wildes, Chief, Wood Products and Chemicals

Clarence H. Olsen, Chief, Metals, Machinery, and Equipment

### **Economic Operations Division—M. D. Bingham, Chief**

Irving Weiss, Assistant Chief, Processing

Sol Dolleck, Assistant Chief, Systems

### **Administrative Service Division—EVERETT H. BURKE, Chief**

#### **Agriculture Division—RAY HURLEY, Chief**

#### **Budget and Management Division—CHARLES H. ALEXANDER, Chief**

#### **Business Division—HARVEY KAILIN, Chief**

#### **Construction Statistics Division—SAMUEL J. DENNIS, Chief**

#### **Data Processing Systems Division—ROBERT F. DRURY, Chief**

#### **Decennial Operations Division—MORTON A. MEYER, Chief**

#### **Demographic Surveys Division—ROBERT B. PEARL, Chief**

#### **Field Division—JEFFERSON D. MCPIKE, Chief**

#### **Foreign Trade Division—J. EDWARD ELY, Chief**

#### **Geography Division—WILLIAM T. FAY, Chief**

#### **Governments Division—JOSEPH F. ARBENA, Acting Chief**

#### **Housing Division—DANIEL B. RATHBUN, Chief**

#### **Personnel Division—JAMES P. TAFF, Chief**

#### **Population Division—HOWARD G. BRUNSMAN, Chief**

#### **Statistical Methods Division—JOSEPH STEINBERG, Chief**

#### **Statistical Reports Division—EDWIN D. GOLDFIELD, Chief**

#### **Statistical Research Division—WILLIAM N. HURWITZ, Chief**

#### **Transportation Division—DONALD E. CHURCH, Chief**

LIBRARY OF CONGRESS CARD NO. A61-9403

This volume comprises the Industry Reports, Series MC58(2), of the 1958 Census of Manufactures.

### **SUGGESTED CITATION**

U.S. Bureau of the Census. *U.S. Census of Manufactures: 1958*

*Vol. II, Industry Statistics, Part 1, Major Groups 20 to 28*

U.S. Government Printing Office, Washington, D.C., 1961

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.,  
or any of the Field Offices of the Department of Commerce. Price \$7.00



# PREFACE

This is one of a series of volumes presenting final results of the 1958 Census of Manufactures. As for earlier censuses, the 1958 census was a large-scale undertaking which depended upon significant contributions from numerous public and private organizations and individuals. Basic to the census was the excellent cooperation of some 300,000 manufacturing establishments in completing the appropriate report forms. Also important to the conduct of the 1958 Census of Manufactures was the cooperation of the Bureau of Old-Age, Survivors, and Disability Insurance and the Internal Revenue Service in permitting use of certain records, thus making possible a material reduction in the cost of conducting the census.

The advice of trade associations, individual manufacturers, Government agencies, and research and marketing organizations was most valuable in determining the content of the reports and in developing techniques for minimizing the burden of reporting. Also noteworthy was the assistance of the Advisory Council on Federal Reports, which through special panels of industry experts advised on the feasibility of collecting various types of data. Timely publicity was given to the census by Chambers of Commerce, the National Association of Manufacturers and other business groups, trade papers, local newspapers, and television and radio stations.

The 1958 Census of Manufactures was conducted under the direction of Maxwell R. Conklin, Chief, and Owen C. Gretton, Assistant Chief, of the Industry Division. Within the Industry Division this responsibility was shared along industry lines by the following individuals who also contributed significantly to the entire census program: Willis K. Jordan, Foods, Textiles, and Apparel; Cyril M. Wildes, Lumber, Paper, and Chemicals; and Clarence H. Olsen, Metals, Machinery, and Equipment. Irving Rottenberg was responsible for the concepts and definitions of establishment-type data and for computer specifications for editing and tabulating the data. Jack J. Gottsegen developed the criteria for selecting commodity and material items in the output and input inquiries and for the standards for processing these data. Jack L. Ogus was responsible for the statistical methods and sampling used in the census.

The application of the system of the industrial classification of establishments was coordinated by Irvin Strauss in the later stages of the census and by Isidore Bogdanoff during the earlier period. Staff coordination on various phases of the processing of the establishment-type statistics and the preparation of the area and selected subject reports was the responsibility of Arthur W. Horowitz. The preparation of the final manuscript for printing was the responsibility of Angela R. Daly. Other staff area members whose contributions are deserving of special mention are: Donald F. Clark, William I. Karr, Peter R. Ohs, Edward K. Ricketts, and Robert Torene.

In the commodity areas of the Industry Division, staff statisticians developed the report forms for the various industries, reviewed the problem reports and tabulations, and prepared the industry texts that accompanied the data. These areas and those in charge are: Foods, Edward A. Robinson; Textiles, Milton Eisen; Apparel, Shirley Kallek; Lumber and Furniture, Elmer S. Biles; Paper, Printing, and Publishing, Edward D. Gruen; Chemicals, Reese R. Morgan; Metals and Metal Products, Paul F. Berard; Machinery, William R. Gray; and Electrical Machinery and Transportation Equipment, Bernard P. Bernsten. The names of supporting statisticians in the commodity areas that made significant contributions are shown in the introductory portion of the 80 industry reports which were published separately prior to their assembly into the Industry Volume.

Processing of the reports was performed in the Economic Operations Division under the supervision of Irving Weiss, Assistant Chief, Processing, assisted by Max E. Van Horn, for the Washington operations, and Charles Merzel, Donald E. Young, Wesley R. Grier, and Bernard M. Kinney for operations in the Census Operations Office in Jeffersonville, Indiana. Systems and procedures were developed under the supervision of Sol Dolleck, Assistant Chief, Systems, assisted by Samuel Schweid, for Methods Evaluation and Determination; Jack Margolis, for Liaison and Systems Development; Nathan Lesowitz, aided by Carl Mueller, for development and preparation of procedures; and Jack Scharff, aided by Eugene L. Wendt, Mary H. Johnson, and Duryee Van Wagenen, for development and supervision of electronic computer programming. Quality control plans and procedures were developed and supervised by Herman H. Fasteau, assisted by George Minton, Alfred J. McKeon, and Ruth H. Mills. Scheduling, progress reporting, and related staff work were supervised by Wilbur J. Mathias and Margaret R. Rommel.

In the Data Processing Systems Division, Rudolph M. Micoly and James W. Shores supervised the scheduling and operation of electronic equipment; Edgar D. Morgan and William M. Gaines supervised equipment engineering and maintenance, and Mrs. Dorothy P. Armstrong supervised general-purpose computer programming activities. Joseph S. Pewterbaugh and Emil Gorgovits developed techniques and procedures relating to the machine tabulation phases; and Frank McGrath, assisted by Emma Gass, supervised the card punching.

Staff members in other divisions and offices of the Bureau also contributed to the various phases of the census. Robert Klove, Assistant Chief of the Geography Division, assisted by Robert P. Condon and Alford Archer, supervised the preparation of the maps and charts. Robert H. Brooks, Chief, Graphics Branch, Administrative Service Division, was responsible for the preparation of copy for reproduction. Sheldon M. Klein, Chief, and Ingrid L. Millison, of the Presentation Practices Branch, Statistical Reports Division, reviewed text material and table forms and assisted on publication problems. Harold T. Goldstein, of the Office of the Chief Economic Statistician, was responsible for the review of manufacturing industry coding manuals and for coordinating coding concepts with those followed in the Business and Minerals Industries fields. Robert D. Krook, Executive Officer, Census Operations Office at Jeffersonville, Indiana, was responsible for the phases of the processing operations performed there.

December 1961.



# 1958 CENSUS OF MANUFACTURES FINAL REPORTS

## Volume I: SUMMARY STATISTICS

### Chapter

- I. General Summary
- II. Size of Establishments
- III. Type of Organization
- IV. Manufacturers' Inventories
- V. Expenditures for Plant and Equipment
- VI. Fuels and Electric Energy Consumed

### Chapter

- VII. Selected Materials Consumed
- VIII. Selected Metalworking Operations
- IX. Selected Costs and Book Value of Fixed Assets
- X. Distribution of Manufacturers' Sales
- XI. Industrial Water Use

SPECIAL REPORTS: Manufacturing Activity in Government Establishments, Series MC58(S)-1 (also appears in all three Volumes)

Location of Manufacturing Plants, by Industry, County, and Employment Size, Series MC58(S)-2.1—MC58(S)-2.9

Chapters I-XI also issued as separate reports in Series MC58(1)

## Volume II: INDUSTRY STATISTICS

Separate chapters for each of 80 groups of related industries. These chapters include, for approximately 430 individual industries, statistics on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures.

Selected statistics are included for earlier census years. The 1958 statistics are based on the revised Standard Industrial Classification (July 1957 edition). Also included in this volume is a general summary chapter and separate summary chapters for each of the 20 major industry groups. (The 80 industry group chapters were issued as separate reports in Series MC58(2)-20A—MC58(2)-39E.)

## Volume III: AREA STATISTICS

Separate chapters for each State, the District of Columbia, and Alaska and Hawaii. Statistics for standard metropolitan statistical areas, counties, and cities, and States by industry with cross-classification by industry groups for important standard metropolitan statistical areas and larger counties. These statistics

are based on the revised Standard Industrial Classification (July 1957 edition). Also included in this volume is a summary chapter for each of the nine geographic divisions. (The area chapters were issued as separate reports, Series MC58(3)-1—MC58(3)-51.)

# 1958 CENSUS OF MINERAL INDUSTRIES FINAL REPORTS

Volume I: Summary and Industry Statistics

Volume II: Area Statistics

# 1958 CENSUS OF BUSINESS FINAL REPORTS

Volume I: Retail Trade—Summary Statistics

Volume II: Retail Trade—Area Statistics

Volume III: Wholesale Trade—Summary Statistics and Public Warehousing

Volume IV: Wholesale Trade—Area Statistics

Volume V: Selected Services—Summary Statistics

Volume VI: Selected Services—Area Statistics

Volume VII: Central Business District Reports



# CONTENTS

## PART 1

### INTRODUCTION

	Page		Page
1. Historical Note.....	1	17. Cost of Materials, Etc., Consumed.....	10
2. Publication of the 1958 Census Results.....	2	18. Individual Materials Consumed.....	11
3. Significance of the Manufacturing Sector of the Economy.....	2	19. Value of Shipments.....	11
4. Definition of Manufacturing Industries.....	2	20. Individual Products.....	12
5. The New Standard Industrial Classification.....	3	21. Classes of Products.....	12
6. Definition of Establishment.....	4	22. Duplication in Cost of Materials and Value of Products.....	12
7. Industry Classification of Establishments.....	5	23. Value Added by Manufacture.....	13
8. Geographic Areas.....	6	24. Value Added and National Income.....	13
9. The Census Report Forms.....	7	25. Inventories.....	13
10. Supplemental Surveys Conducted as Part of the Census of Manufactures.....	8	26. Expenditures for Plant and Equipment.....	14
11. Development of the Mailing List.....	8	27. Fuels and Electric Energy.....	15
12. Completeness of Coverage.....	9	28. Selected Metalworking Operations.....	15
13. Manufacturing Employees--Classifications Used...	9	29. Selected Equipment Data.....	16
14. Manufacturing Employees--Average Employment.....	9	30. Special Departmental Reports.....	16
15. Manufacturing Employees--Payrolls.....	10	31. Plant Specialization Data.....	16
16. Production and Related Worker Man-Hours.....	10	32. Imputation of Data.....	16
		33. Confidentiality of Data for Individual Companies..	17
		34. Abbreviations.....	17

GUIDE TO CONTENTS OF INDUSTRY VOLUME TABLES.....	VI
INDUSTRIES.....	IX
MAP.....	XIV

### GENERAL SUMMARY

#### Table

1 General Statistics for Operating Manufacturing Establishments in the United States: 1958 and Earlier Years..	1-3
2 Manufacturing Employment in the United States: 1958 and 1954.....	1-4
3 General Statistics for Operating Manufacturing Establishments, by Industry Groups and Industries: 1958 and 1954.....	1-6
4 Detailed Statistics for All Operating Manufacturing Establishments in the United States, by Major Industry Group: 1958.....	1-25
5 Manufacturing Employment and Payroll for Divisions, States, and Standard Metropolitan Statistical Areas: 1958.....	1-28
6 General Statistics for Operating Manufacturing Establishments, by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years.....	1-44

### INDUSTRY GROUPS

#### Group

20 Food and Kindred Products.....	20-1	25 Furniture and Fixtures.....	25-1
21 Tobacco Products.....	21-1	26 Paper and Allied Products.....	26-1
22 Textile Mill Products.....	22-1	27 Printing and Publishing.....	27-1
23 Apparel and Related Products.....	23-1	28 Chemicals and Allied Products.....	28-1
24 Lumber and Wood Products.....	24-1		

### SPECIAL REPORT

Manufacturing Activity in Government Establishments.....	SR-1
--	------

### APPENDIXES

A Notes on Comparability of 1954 and 1958 Data for Selected Industries and Industry Groups.....	A-1
B Industry Descriptions.....	B-1
C Composition of Industries in the New Standard Industrial Classification Compared with the Old SIC.....	C-1
D Census Report Forms and Punch Cards.....	D-1
E Provisions of Law Relating to Census of Manufactures.....	E-1
F Alphabetic Index of Manufactured Products.....	F-1

## PART 2

### INTRODUCTION (Same as Part 1)

### GENERAL SUMMARY (See Part 1)

### INDUSTRY GROUPS

#### Group

29 Petroleum and Coal Products.....	29-1	35 Machinery, Except Electrical.....	35-1
30 Rubber and Plastics Products, NEC.....	30-1	36 Electrical Machinery.....	36-1
31 Leather and Leather Products.....	31-1	37 Transportation Equipment.....	37-1
32 Stone, Clay and Glass Products.....	32-1	38 Instruments and Related Products.....	38-1
33 Primary Metal Industries.....	33-1	39} Miscellaneous Manufacturing.....	39-1
34 Fabricated Metal Products.....	34-1	19}	

### SPECIAL REPORTS AND APPENDIXES (Same as Part 1)

The pages of each report were numbered independently; page numbers of industry reports consists of two parts, the first part being an industry designation. Thus, page 21-1 is page 1 of the report for Industry Group 21, Tobacco Products; page 35C-23 is page 23 of the report for Metalworking Machinery and Equipment (final report MC58(2)-35C).

Revisions of data previously published in the corresponding pages of Manufactures Industry Statistics Final Reports Series MC58(2) are indicated by a symbol "r."



# GUIDE TO CONTENTS OF INDUSTRY VOLUME TABLES

## A. Description of Detailed Industry Tables

(See next page for key to data contained in tables)

Table 1. --General Statistics for the United States: 1958 and Earlier Years.

Selected general statistics (number of establishments, employment, payrolls, value added by manufacture, cost of materials, and value of shipments) for each industry extended as far back as comparable data are available.

Table 2. --General Statistics by Regions and States: 1958, 1954, and 1947.

Selected 1958 and 1954 general statistics for each industry distributed by geographic divisions and States.

Table 3. --Detailed Statistics for the United States: 1958.

Detailed statistics (employment, fuels, electric energy, inventories, capital expenditures, etc.) for each industry.

Table 4. --Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958.

Number of establishments, number of employees, payrolls, value added by manufacture, value of shipments and new capital expenditures for establishments in each industry by ten size classes.

Table 5A. --Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954.

Total value of shipments of the industry divided between shipments of products classified in the industry (primary products, products belonging to other industries (secondary products), and miscellaneous receipts. The shipments of the industry's primary products by other industries are also shown.

Table 5B. --Industry-Product Analysis--Shipments by Product Class and Industry, for the United States: 1958.

This table deals only with 1958, shows similar data for each product class comprising an industry.

Table 6A. --Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954.

Quantity and value of individual products shipped by each industry in 1958 and 1954. Where significant, additional measures such as interplant transfers and production for use within the same establishments are also shown. For most industries, special presentations of product data (e.g., product class shipments by State) are provided in separate tables in the 6 series.

Table 6B. --Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years.

Table 7. --Materials Consumed by Kind: 1958 and 1954.

Quantity and cost of selected materials consumed by the industry. Also shown are the cost of all other materials and the total cost of materials, parts, containers, and supplies.

Table 8. --General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958.

Establishments are grouped in two ways: first, according to their degree of specialization in all primary products of the industry and then by the degree of specialization in the largest primary product class of the establishment.

Other Tables--Miscellaneous tables such as metalworking operations, equipment in place, special production statistics, statistics by old S. I. C. code, are included where applicable.



## B. Key to Data Shown in Industry Tables

(Historical data for selected items are given in tables 1, 2, 5A, 6A, 6B, and 7 to the extent that comparability permits)

Data item	Tables in which data item is shown	
	For industry as a whole	For States and divisions
<u>GENERAL STATISTICS</u>		
Number of companies.....	1	
Number of establishments:		
Total.....	1-4, 8	2
By employment size .....	1-4	2
Proprietors and working partners, number.....	3	
All employees:		
Number (average for the year).....	1-4, 8	2
Payrolls.....	1-4, 8	2
Production workers:		
Number (average for the year).....	1-3, 8	2
Number for selected months (March, May, August, and November)	3	
Wages.....	1-3, 8	2
Man-hours:		
Total for the year.....	1-3, 8	2
By quarters.....	3	
Value of shipments (including resales), total.....	1-4, 8	2
Value of resales.....	3	
Value added by manufacture.....	1-4, 8	2
Cost of materials, fuels, electricity, resales and contract work, total	1-3, 8	
Materials, parts, containers, and supplies, total.....	3, 7	
Selected individual materials.....	7	
Fuels consumed.....	3	
Electricity purchased.....	3	
Contract work.....	3	
Cost of resales.....	3	
Inventories, totals for beginning and end of year, with separate figures for finished goods, work-in-process, and materials, supplies, etc.....	3	
Expenditures for plant and equipment, total.....	3	
Expenditures for plant and equipment, new.....	1-4, 8	2
New structures and additions to plant.....	3	
New machinery and equipment.....	3	
Used plant and equipment.....	3	
<u>PRODUCT STATISTICS</u>		
Individual primary products (7-digit), total for all industries (quantity and value of shipments and where significant, interplant transfers, total production, consumption of products produced in the same establishment).....	6A	
Primary product classes (5-digit), total shipments by all industries..	5B, 6A, 6B	6B
Shipments by the industry.....	5B	
Shipments by other industries.....	5B	
All primary products of the industry (4-digit), total shipments by all industries.....	5A, 5B, 6A	
Shipments by the industry.....	5A, 5B	
Shipments by other industries.....	5A, 5B	
Coverage ratio.....	1, 3, 5A	



## B. Key to Data Shown in Industry Tables--Continued

Data item	Tables in which data item is shown	
	For industry as a whole	For States and divisions
<u>PRODUCT STATISTICS--Continued</u>		
Composition of the industry's shipments (product mix):		
Total shipments.....	1-4, 5A, 5B, 8	
Primary product shipments .....	5A, 5B	
By product class (5-digit).....	5B	
Secondary product shipments.....	5A, 5B	
Miscellaneous receipts (contract work, repair work, sale of scrap)	5A, 5B	
Specialization ratio.....	1, 3, 5A	
<u>MATERIALS CONSUMED, BY KIND</u>		
Selected individual materials consumed (quantity and cost).....	7	
All other materials, parts, containers, and supplies consumed (cost) .	7	
Total cost of materials, parts, containers, and supplies consumed....	3, 7	
<u>ESTABLISHMENT SPECIALIZATION STATISTICS</u>		
Establishments grouped by their degree of specialization in all primary products of the industry (number of establishments, employment, payrolls, man-hours, value added, cost of materials, value of shipments, new capital expenditures):		
90% or more specialization.....	8	
75-89% specialization.....	8	
All establishments classified in the industry .....	8	
Establishments grouped by degree of specialization in their largest primary product class (same statistics and specialization ranges as above).....	8	
<u>SELECTED METALWORKING OPERATIONS</u>		
Number of establishments performing selected metalworking operations and number of production workers employed in these operations (shown for industries in which these operations are of importance).....	9	



# INDUSTRIES

Code	Page	Code	Page
Major Group 20 - FOOD AND KINDRED PRODUCTS		Major Group 21 - TOBACCO PRODUCTS	
201	Meat products..... 20A-1	2111	Cigarettes..... 21A-1
2011	Meat packing plants	2121	Cigars..... 21A-1
2013	Prepared meats	2131	Chewing and smoking tobacco..... 21A-1
2015	Poultry dressing plants	2141	Tobacco stemming and redrying..... 21A-1
202	Dairy products..... 20B-1	Major Group 22 - TEXTILE MILL PRODUCTS	
2021	Creamery butter	2211	Weaving mills, cotton..... 22A-1
2022	Natural cheese	2221	Weaving mills, synthetics..... 22A-1
2023	Condensed and evaporated milk	2231	Weaving, finishing mills, wool..... 22A-1
2024	Ice cream and frozen desserts	2241	Narrow fabric mills..... 22A-1
2025	Special dairy products	225	Knitting mills..... 22B-1
2026	Fluid milk	2251	Full-fashioned hosiery mills
203	Canned and frozen foods..... 20C-1	2252	Seamless hosiery mills
2031	Canned and cured seafoods	2253	Knit outerwear mills
2032	Canned specialties	2254	Knit underwear mills
2033	Canned fruits and vegetables	2256	Knit fabric mills
2034	Dehydrated fruits and vegetables	2259	Knitting mills, nec
2035	Pickles and sauces	226	Textile finishing, except wool..... 22C-1
2036	Fresh or frozen packaged fish	2261	Finishing plants, cotton
2037	Frozen fruits and vegetables	2262	Finishing plants, synthetics
204	Grain mill products..... 20D-1	2269	Finishing plants, nec
2041	Flour and meal	227	Floor covering mills..... 22D-1
2042	Prepared animal feeds	2271	Woven carpets and rugs
2043	Cereal preparations	2272	Tufted carpets and rugs
2044	Rice milling	2279	Carpets and rugs, nec
2045	Blended and prepared flour	228	Yarn and thread mills..... 22E-1
2046	Wet corn milling	2281	Yarn mills, except wool
205	Bakery products..... 20E-1	2282	Throwing and winding mills
2051	Bread and related products	2283	Wool yarn mills
2052	Biscuit and crackers	2284	Thread mills
206	Sugar..... 20F-1	229	Miscellaneous textile goods..... 22F-1
2061	Raw cane sugar	2291	Felt goods, nec
2062	Cane sugar refining	2292	Lace goods
2063	Beet sugar	2293	Padding and upholstery filling
207	Candy and related products..... 20F-1	2294	Processed textile waste
2071	Confectionery products	2295	Coated fabric, not rubberized
2072	Chocolate and cocoa products	2296	Tire cord and fabric
2073	Chewing gum	2297	Scouring and combing plants
208	Beverages..... 20G-1	2298	Cordage and twine
2082	Malt liquors	2299	Textile goods, nec
2083	Malt	Major Group 23 - APPAREL AND RELATED PRODUCTS	
2084	Wines and brandy	2311	Men's and boys' suits and coats..... 23A-1
2085	Distilled liquor except brandy	232	Men's and boys' furnishings..... 23A-1
2086	Bottled and canned soft drinks	2321	Men's dress shirts and nightwear
2087	Flavorings	2322	Men's and boys' underwear
209	Fats and oils..... 20H-1	2323	Men's and boys' neckwear
2091	Cottonseed oil mills	2327	Separate trousers
2092	Soybean oil mills	2328	Work clothing
2093	Vegetable oil mills, nec	2329	Men's and boys' clothing, nec
2094	Grease and tallow		
2095	Animal oils, nec		
2096	Shortening and cooking oils		
209	Other food preparations..... 20I-1		
2097	Manufactured ice		
2098	Macaroni and spaghetti		
2099	Food preparations, nec		



[illegible]



Code	Page	Code	Page
283 Drugs.....	28C-1	Major Group 32 - STONE, CLAY, AND GLASS PRODUCTS	
2831 Biological products		3211 Flat glass.....	32A-1
2833 Medicinals and botanicals		322 Pressed and blown glassware .....	32A-1
2834 Pharmaceutical preparations		3221 Glass containers	
284 Cleaning and toilet goods.....	28D-1	3229 Pressed and blown glass, nec	
2841 Soap and other detergents		3231 Products of purchased glass.....	32A-1
2842 Polishes and sanitation goods		3241 Cement, hydraulic.....	32B-1
2843 Surface active agents		325 Structural clay products.....	32B-1
2844 Toilet preparations		3251 Brick and structural tile	
285 Paints and varnishes.....	28E-1	3253 Ceramic wall and floor tile	
2851 Paints and varnishes		3255 Clay refractories	
2852 Putty and calking compounds		3259 Structural clay products, nec	
2861 Gum and wood chemicals.....	28F-1	326 Pottery and related products.....	32C-1
287 Agricultural chemicals.....	28F-1	3261 Vitreous plumbing fixtures	
2871 Fertilizers		3262 Vitreous china food utensils	
2872 Fertilizers, mixing only		3263 Earthenware food utensils	
2873 Agricultural pesticides		3264 Porcelain electrical supplies	
2879 Agricultural chemicals, nec		3269 Pottery products, nec	
289 Other chemical products.....	28G-1	327 Concrete and plaster products.....	32D-1
2891 Glue and gelatin		3271 Concrete block and brick	
2892 Explosives		3272 Concrete products	
2893 Printing ink		3273 Ready-mixed concrete	
2894 Fatty acids		3274 Lime	
2895 Carbon black		3275 Gypsum products	
2899 Chemical preparations, nec		3281 Cut stone and stone products.....	32D-1
Major Group 29 - PETROLEUM AND COAL PRODUCTS		329 Nonmetallic minerals.....	32E-1
2911 Petroleum refining .....	29A-1	3291 Abrasive products	
295 Paving and roofing materials.....	29A-1	3292 Asbestos products	
2951 Paving mixtures and blocks		3293 Gaskets and insulations	
2952 Asphalt felts and coatings		3295 Minerals: ground or treated	
299 Petroleum and coal products, nec. ....	29A-1	3296 Mineral wool	
2992 Lubricating oils and greases		3297 Nonclay refractories	
2999 Petroleum and coal products, nec		3299 Nonmetallic minerals, nec	
Major Group 30 - RUBBER AND PLASTICS PRODUCTS, NEC		Major Group 33 - PRIMARY METAL INDUSTRIES	
3011 Tires and inner tubes.....	30A-1	331 Steel rolling and finishing.....	33A-1
3021 Rubber footwear.....	30A-1	3312 Blast furnaces and steel mills	
3031 Reclaimed rubber.....	30A-1	3313 Electrometallurgical products	
3069 Fabricated rubber products, nec .....	30A-1	3315 Steel wire drawing	
3079 Plastics products, nec.....	30A-1	3316 Cold finishing of steel shapes	
3079 Plastics products, nec.....	30A-1	3317 Steel pipe and tubes	
Major Group 31 - LEATHER AND LEATHER PRODUCTS		332 Iron and steel foundries.....	33B-1
3111 Leather tanning and finishing.....	31A-1	3321 Gray iron foundries	
3121 Industrial leather belting.....	31A-1	3322 Malleable iron foundries	
3131 Footwear cut stock.....	31A-1	3323 Steel foundries	
314 Footwear, except rubber .....	31A-1	333 Primary nonferrous metal.....	33C-1
3141 Footwear, except rubber		3331 Primary copper	
3142 House slippers		3332 Primary lead	
3151 Leather gloves.....	31B-1	3333 Primary zinc	
3161 Luggage.....	31B-1	3334 Primary aluminum	
317 Purses and small leather goods .....	31B-1	3339 Primary nonferrous metals, nec	
3171 Handbags and purses		3341 Secondary nonferrous metals.....	33C-1
3172 Small leather goods		335 Nonferrous rolling and drawing.....	33D-1
3199 Leather goods, nec.....	31B-1	3351 Copper rolling and drawing	
		3352 Aluminum rolling and drawing	
		3356 Rolling and drawing, nec	
		3357 Nonferrous wire drawing, etc.	
		336 Nonferrous foundries.....	33D-1
		3361 Aluminum castings	
		3362 Brass, bronze, copper castings	
		3369 Nonferrous castings, nec	



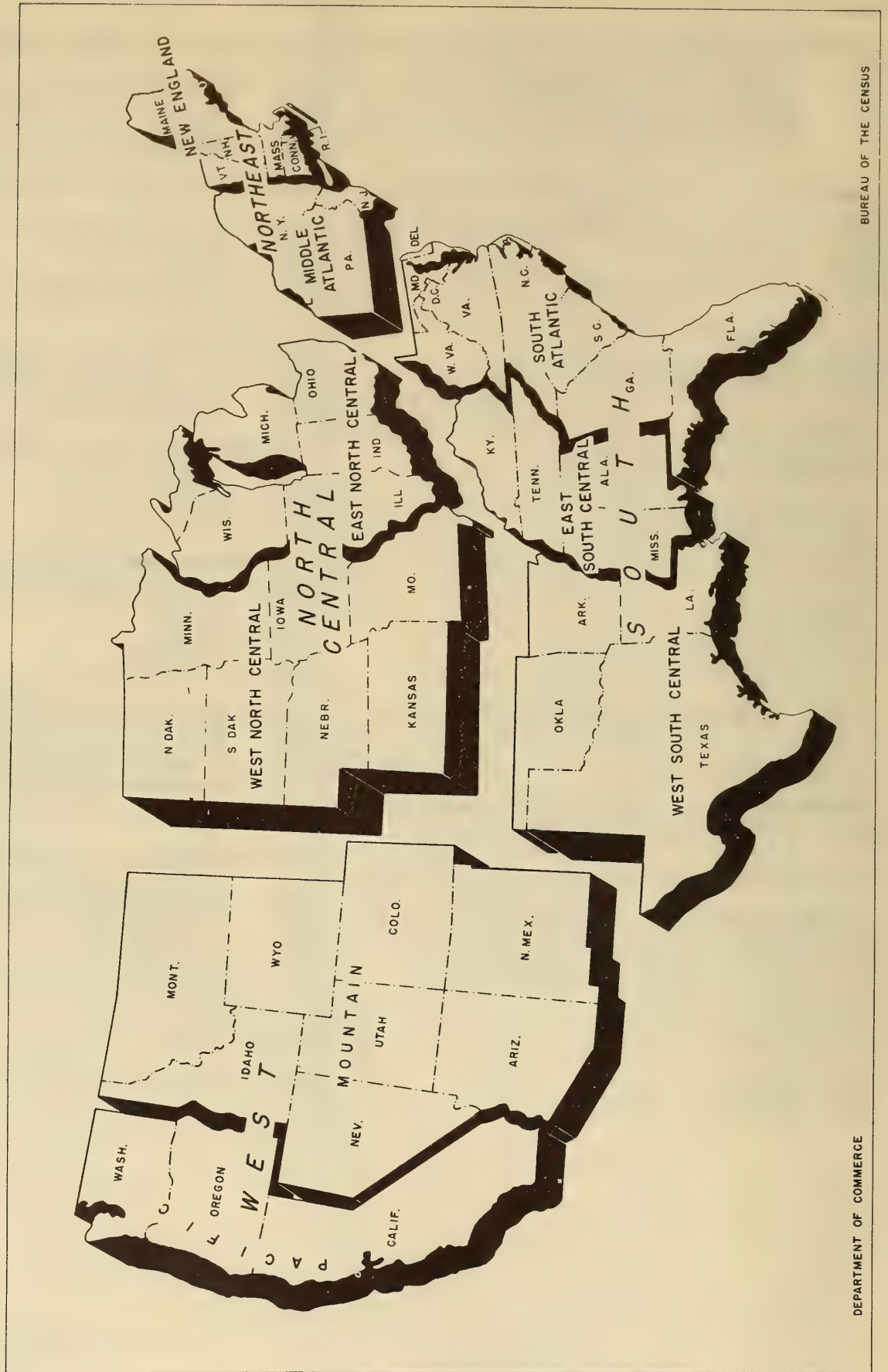
Code		Page	Code		Page
339	Primary metal industries, nec.....	33E-1	355	Special industry machinery.....	35D-1
3391	Iron and steel forgings		3551	Food products machinery	
3392	Nonferrous forgings		3552	Textile machinery	
3399	Primary metal industries, nec		3553	Woodworking machinery	
			3554	Paper industries machinery	
			3555	Printing trades machinery	
			3559	Special industry machinery, nec	
Major Group 34 - FABRICATED METAL PRODUCTS					
3411	Metal cans.....	34A-1	356	General industrial machinery.....	35E-1
342	Cutlery, hand tools, hardware.....	34A-1	3561	Pumps and compressors	
3421	Cutlery		3562	Ball and roller bearings	
3423	Edge tools		3564	Blowers and fans	
3425	Hand saws and saw blades		3565	Industrial patterns	
3429	Hardware, nec		3566	Power transmission equipment	
			3567	Industrial furnaces and ovens	
			3569	General industry machinery, nec	
343	Plumbing and nonelectric heating.....	34B-1	357	Office machines, nec.....	35F-1
3431	Plumbing fixtures		3571	Computing and related machines	
3432	Plumbing fittings, brass goods		3572	Typewriters	
3433	Nonelectric heating equipment		3576	Scales and balances	
			3579	Office machines, nec	
344	Structural metal products.....	34C-1	358	Service industry machines.....	35G-1
3441	Fabricated structural steel		3581	Automatic vending machines	
3442	Metal doors, sash, and trim		3582	Commercial laundry equipment	
3443	Boiler shop products		3584	Vacuum cleaners, industrial	
3444	Sheet metal work		3585	Refrigeration machinery	
3449	Miscellaneous metal work, nec		3586	Measuring and dispensing pumps	
			3589	Service industry machines, nec	
345	Screw machine products and bolts.....	34D-1	3599	Machine shops.....	35G-1
3451	Screw machine products				
3452	Bolts, nuts, washers, and rivets				
3461	Metal stampings.....	34D-1			
347	Metal services, nec.....	34D-1	Major Group 36 - ELECTRICAL MACHINERY		
3471	Plating and polishing		361	Electric distribution products.....	36A-1
3479	Metal coating, engraving, etc.		3611	Electric measuring instruments	
			3612	Transformers	
3481	Fabricated wire products, nec.....	34E-1	3613	Switchgear and switchboards	
349	Fabricated metal products, nec.....	34E-1	362	Electric industrial apparatus.....	36A-1
3491	Metal barrels, drums and pails		3621	Motors and generators	
3492	Safes and vaults		3622	Industrial controls	
3493	Steel springs		3623	Welding apparatus	
3494	Valves and pipe fittings		3624	Carbon and graphite products	
3496	Collapsible tubes		3629	Electric industrial goods, nec	
3497	Metal foil and leaf		363	Household appliances.....	36B-1
3498	Fabricated pipe and fittings		3631	Household cooking equipment	
3499	Fabricated metal products, nec		3632	Household refrigerators	
			3633	Household laundry equipment	
Major Group 35 - MACHINERY, EXCEPT ELECTRICAL					
351	Engines and turbines.....	35A-1	3634	Electric housewares and fans	
3511	Steam engines and turbines		3635	Household vacuum cleaners	
3519	Internal combustion engines		3636	Sewing machines	
			3639	Household appliances, nec	
3522	Farm machinery and equipment.....	35A-1	364	Lighting and wiring devices.....	36C-1
353	Construction and like equipment.....	35B-1	3641	Electric lamps	
3531	Construction machinery		3642	Lighting fixtures	
3532	Mining machinery and equipment		3643	Current carrying devices	
3533	Oil field machines and equipment		3644	Noncurrent carrying devices	
3534	Elevators and moving stairways		365	Radio, TV, receiving equipment.....	36D-1
3535	Conveyors		3651	Radios and TV receiving sets	
3536	Hoists, cranes, and monorails		3652	Phonograph records	
3537	Industrial trucks and tractors		366	Communication equipment.....	36D-1
			3661	Telephone; telegraph apparatus	
			3662	Radio, TV communication equipment	
354	Metalworking machinery.....	35C-1	367	Electronic components.....	36D-1
3541	Metal-cutting machine tools		3671	Electron tubes, receiving type	
3542	Metal-forming machine tools		3672	Cathode ray picture tubes	
3544	Special dies and tools		3673	Electron tubes, transmitting	
3545	Machine tool accessories		3679	Electronic components, nec	
3548	Metalworking machinery, nec				



Code	Page	Code	Page
369 Electrical products, nec.....	36E-1	Major Group 39 - MISCELLANEOUS MANUFACTURING	
3691 Storage batteries		391 Jewelry and silverware.....	39A-1
3692 Primary batteries, dry and wet		3911 Jewelry, precious metal	
3693 X-ray and therapeutic apparatus		3912 Jewelers' findings and materials	
3694 Engine electrical equipment		3913 Lapidary work	
3699 Electrical products, nec		3914 Silverware and plated ware	
Major Group 37 - TRANSPORTATION EQUIPMENT		3931 Musical instruments and parts.....	39B-1
371 Motor vehicles and equipment.....	37A-1	394 Toys and sporting goods.....	39B-1
3713 Truck and bus bodies		3941 Games and toys, nec	
3715 Truck trailers		3942 Dolls	
3717 Motor vehicles and parts		3943 Children's vehicles	
372 Aircraft and parts.....	37B-1	3949 Sporting and athletic goods, nec	
3721 Aircraft		395 Office supplies.....	39C-1
3722 Aircraft engines and parts		3951 Pens and mechanical pencils	
3723 Aircraft propellers and parts		3952 Lead pencils and art goods	
3729 Aircraft equipment, nec		3953 Marking devices	
373 Ships and boats.....	37C-1	3955 Carbon paper and inked ribbons	
3731 Ship building and repairing		396 Costume jewelry and notions.....	39C-1
3732 Boat building and repairing		3961 Costume jewelry	
374 Railroad equipment.....	37C-1	3962 Artificial flowers	
3741 Locomotives and parts		3963 Buttons	
3742 Railroad and street cars		3964 Needles, pins, and fasteners	
3751 Motorcycles, bicycles, and parts.....	37C-1	398 Miscellaneous manufactures.....	39D-1
379 Transportation equipment, nec.....	37C-1	3981 Brooms and brushes	
3791 Trailer coaches		3982 Hard surface floor coverings	
3799 Transportation equipment, nec		3983 Matches	
Major Group 38 - INSTRUMENTS AND RELATED PRODUCTS		3984 Candles	
3811 Scientific instruments.....	38A-1	3987 Lamp shades	
382 Mechanical measuring devices.....	38A-1	3988 Morticians' goods	
3821 Mechanical measuring devices		399 Miscellaneous manufactures.....	39E-1
3822 Automatic temperature controls		3992 Furs, dressed and dyed	
3831 Optical instruments and lenses.....	38A-1	3993 Signs and advertising displays	
384 Medical instruments and supplies.....	38A-1	3995 Umbrellas, parasols and canes	
3841 Surgical and medical instruments		3999 Miscellaneous products, nec	
3842 Surgical appliances and supplies		1911 Guns, howitzers, and mortars.....	39E-1
3843 Dental equipment and supplies		192 Ammunition; guided missiles.....	39E-1
3851 Ophthalmic goods.....	38A-1	1921 Artillery ammunition	
3861 Photographic equipment.....	38B-1	1922 Ammunition loading and assembling	
387 Watches and clocks.....	38B-1	1925 Guided missiles, complete	
3871 Watches and clocks		1929 Ammunition, nec	
3872 Watchcases		1931 Tanks and tank components.....	39E-1
		1941 Sighting and fire control equipment.....	39E-1
		1951 Small arms.....	39E-1
		1961 Small arms ammunition.....	39E-1
		1999 Ordnance and accessories, nec.....	39E-1



# REGIONS AND GEOGRAPHIC DIVISIONS OF THE UNITED STATES





## CONTENTS

1. Historical Note
2. Publication of the 1958 Census Results
3. Significance of the Manufacturing Sector of the Economy
4. Definition of Manufacturing Industries
5. The New Standard Industrial Classification
6. Definition of Establishment
7. Industry Classification of Establishments
8. Geographic Areas
9. The Census Report Forms
10. Supplemental Surveys Conducted as Part of the Census of Manufactures
11. Development of the Mailing List
12. Completeness of Coverage
13. Manufacturing Employees—Classifications Used
14. Manufacturing Employees—Average Employment
15. Manufacturing Employees—Payrolls
16. Production and Related Worker Man-Hours

17. Cost of Materials, Etc., Consumed
18. Individual Materials Consumed
19. Value of Shipments
20. Individual Products
21. Classes of Products
22. Duplication in Cost of Materials and Value of Products
23. Value Added by Manufacture
24. Value Added and National Income
25. Inventories
26. Expenditures for Plant and Equipment
27. Fuels and Electric Energy
28. Selected Metalworking Operations
29. Selected Equipment Data
30. Special Departmental Reports
31. Plant Specialization Data
32. Imputation of Data
33. Confidentiality of Data for Individual Companies
34. Abbreviations

### 1. Historical Note

The 1958 Census of Manufactures is the twenty-sixth such census of the United States. The first census of manufactures covered 1809, and (with the exception of 1829) a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was resumed for 1947. Legislation enacted in 1948 provided for a Census of Manufactures every 5 years, with annual sample surveys authorized for interim years. Annual surveys of manufactures have been taken for the years 1949 through 1953 and 1955 through 1957. A census of manufactures originally scheduled to cover 1953, was

conducted for 1954 on the basis of special legislation authorizing this change.

The 1958 Census of Manufactures was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering the United States, Alaska, Hawaii, Guam and the Virgin Islands. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico jointly with the Commonwealth Government. The statistics in this report do not include establishments in Alaska and Hawaii, which did not achieve Statehood until 1959. Reports for Alaska and Hawaii were issued separately in the series of area reports and appear as separate chapters in the Area Statistics volume.

TABLE A.--NATIONAL INCOME BY INDUSTRY DIVISION

Industry division	In billions of dollars						As percent of total					
	1929	1939	1947	1954	1956	1958	1929	1939	1947	1954	1956	1958
All industries, total.....	87.8	72.8	198.2	301.8	350.8	367.4	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing.....	21.9	17.9	58.7	91.1	109.3	103.8	24.9	24.6	29.6	30.2	31.2	28.3
Agriculture, forestry & fisheries.....	8.3	6.0	19.3	16.9	16.1	18.3	9.5	8.2	9.7	5.6	4.6	5.0
Mining.....	2.0	1.6	4.1	4.9	6.2	5.4	2.3	2.2	2.1	1.6	1.8	1.5
Contract construction.....	3.8	2.3	8.4	16.0	19.5	19.9	4.3	3.2	4.2	5.3	5.6	5.4
Wholesale & retail trade.....	13.3	12.5	37.3	50.6	58.2	61.1	15.2	17.2	18.8	16.8	16.6	16.6
Finance, insurance & real estate	12.7	7.9	15.3	29.3	32.4	37.6	14.5	10.9	7.7	9.7	9.2	10.2
Transportation.....	6.6	4.6	11.5	14.4	16.8	16.4	7.5	6.3	5.8	4.8	4.8	4.5
Communications & public utilities.....	2.9	2.9	5.1	10.8	12.7	14.2	3.3	4.0	2.6	3.6	3.6	3.9
Services.....	10.3	8.3	19.0	30.2	37.3	42.0	11.7	11.4	9.6	10.0	10.6	11.4
Government & government enterprises.....	5.1	8.5	18.6	35.9	40.4	46.6	5.8	11.7	9.4	11.9	11.5	12.7
Rest of the world.....	.8	.3	.8	1.6	2.0	2.1	0.9	0.4	0.4	0.5	0.6	0.6

Source: Department of Commerce, Survey of Current Business, July 1961, and U. S. Income and Output.



## 2. Publication of the 1958 Census Results

Results of the 1958 Census of Manufactures are published in three volumes: Volume I, Summary Statistics, shows comparative statistics for industries, States, and principal metropolitan areas for the more important measures of the activity of manufacturing establishments—employment, payrolls, inventories, capital expenditures, value added by manufacture, important materials consumed, etc.; Volume II, Industry Statistics, is a consolidation of reports for the 80 groups of industries and shows detailed information on individual industries and products; Volume III, Area Statistics, shows for each State and its important metropolitan areas and counties, general statistics (number of establishments, number of employees, payrolls, value added by manufacture, and capital expenditures) for each of the industries or industry groups of consequence in that State or in its smaller areas. Totals for all manufacturing are shown for all counties and for cities of 10,000 inhabitants or more. Supplemental reports, such as the Index of the Physical Volume of Production, are also included in the publication program.

## 3. Significance of the Manufacturing Sector of the Economy

Manufacturing is the largest of the industrial sectors in the economy. Table A shows that manufacturing accounts for approximately 30 percent of the total national income. The next largest sector, wholesale and retail trade, covers less than 20 percent.

## 4. Definition of Manufacturing Industries

The 1958 Census of Manufactures covers all establishments primarily engaged in manufacturing as defined in the 1957 revision of the Standard Industrial Classification (SIC) Manual. This manual, issued under the auspices of the United States Bureau of the Budget, was first published in 1939. It represented in large part a codification and updating of the classification systems previously used in the censuses. During the 1940's substantial revisions in the classification of both manufacturing and nonmanufacturing industries were issued. Further SIC revisions approved by the Bureau of the Budget were adopted in the 1954 Censuses of Business, Manufactures, and Mineral Industries, but the SIC manual was not reissued at that time. Most of the SIC revisions used in the 1954 Censuses, as well as many other changes, were subsequently incorporated into the 1957 revision after extensive joint industry-government meetings.

The SIC is the system used by all Federal statistical agencies, by most State agencies, and many private organizations. There is no other industrial classification system in widespread use, nor is there any other general purpose system that is described in detail in official manuals or other published documents. Awareness of the SIC by business analysts, executives, statisticians, research scholars, and others has grown rapidly and will continue to increase particularly in view of the adaptability of the decimal numeric system in mechanical processing.

The SIC is an industrial classification of the total economy. It divides all activities into broad industrial divisions (manufacturing, mining, retail, agriculture, etc.). It further subdivided each division into major industry groups, then into industry groups, and finally into detailed industries. The numbering system provides flexibility, permitting use of classification at various levels of detail according to the specific needs and uses desired.

The manual defines manufacturing as the mechanical or chemical transformation of inorganic or organic sub-

stances into new products. The assembly of component parts or products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. Some manufacturers in a few industries sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some service activities (enameling, engraving, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer.

Two general principles apply to the SIC as a whole: All economic activities should be accounted for, and each successive decimal within a major group should provide for further breakdown within a related field. In addition, for manufactures and most other sectors the system is aimed primarily at classifying the primary activity of an individual establishment as distinguished from the firm or enterprise which might consist of more than one establishment. Also, a good deal of attention has been given, especially in the manufactures sector, to the desirability of minimum criteria for the designation of the most detailed (4-digit) industries. In order to qualify as a separate 4-digit industry the aggregate of employment or volume of activity of the establishments to be included should be of significant size. For the 1957 revision, a manufacturing industry was ordinarily required to have in excess of 3,000 employees and \$15 million value added by manufacture in order to be retained as a separate 4-digit industry; approximately twice these magnitudes were necessary for a new industry to qualify for a place in the SIC structure. Generally, the establishments included in an industry had to flow from the business structure itself; that is, the actual organization of industry as conceived of by the business community itself was an important factor.

Of course, many rather clearly defined groups of establishments are not economically important enough to meet the size criterion. These are either combined with a related larger industry or included in a "not elsewhere classified" category at the end of a 2- or 3-digit group.

Other principles or criteria are applied differentially. For the majority of the 426 manufacturing industries, the industry is defined in terms of a specific group of related products. Usually, but not always, the products are made of similar materials and by similar processes, and the producers usually compete with one another. In determining the boundaries of product defined industries, it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries.

Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. A small number of industries are basically defined by material used as well as final product of the plant.



There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries, and (c) use similar materials or processes. (See paragraphs 7, 28, 29, and 30.) These variations and data limitations are not infrequently construed to be shortcomings in the classification system. This attitude mistakes the symptoms for the disease. The fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity among the individual producing units of which it is comprised. Any conceivable organization of economic units into classes will ordinarily show marked variations in most characteristics other than the one used as the criterion for classification.

Frequently the business world and other data users look at a group of establishments from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

No single classification system will satisfy all or even a large number of possible uses of the data to be classified. Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

The following types of activities, while having many of the characteristics usually found in manufacturing, are defined as nonmanufacturing by the SIC, and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, cotton ginning, and similar activities.

(b) Mineral preparation such as the crushing, screening and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census; for example, stone and clay mining at cement, lime and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

Consistent with the SIC, the census does not cover manufacturing when performed (1) by retail establishments

which sell most of their products on the premises directly to household consumers; e.g., retail bakeries, ice cream stores, and feed stores, (2) by contractors at the site of construction; e.g., production of paving mixtures; and (3) by educational, eleemosynary, and penal institutions.

It is not unusual for manufacturing establishments to engage also in such nonmanufacturing activities as repair work, merchandising of products without further processing, and installation work. Ordinarily, such nonmanufacturing receipts are small in relation to the manufacturing activities and, in such instances, it is not difficult to determine that the establishments should be included in the manufactures area. However, where these nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the allocation of that establishment to the appropriate major economic sector is more difficult.

In the 1958 Economic Censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on an approximation, was considered preferable to reported dollar volume of receipts from each type of activity, since manufacturing requires considerably more man-hours, salaries and wages, and other inputs per dollar of receipts than either wholesaling or retailing. In the case of establishments engaged in manufacturing and also in mining, repair work, installation, construction or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable inputs per dollar of receipts.

Data were obtained on the manufacturing activities during 1958 of establishments owned and operated by the Federal Government (military arsenals, Navy yards, etc.) and of Federal and State prisons for the purpose of presenting complete information on manufacturing operations in the United States. Statistics on the employment, value added by manufacture, and products manufactured by these establishments are shown in a separate chapter in each Manufactures volume. Such data are not included elsewhere in the statistical tables and, thus, are not represented in any of the individual industry or industry group totals or area statistics appearing in the volumes. Information on Government-owned, privately-operated establishments is included throughout the statistical tables in the appropriate 4-digit industry on the same basis as privately-owned and operated plants.

## 5. The New Standard Industrial Classification

A revised edition of the SIC Manual was issued in 1957. In this revision extensive modifications were made in the manufacturing sector. Each establishment report processed in the 1958 Census of Manufactures was classified in accordance with both the old and the new SIC. The preliminary reports of the 1958 Census were tabulated on the old SIC. The final reports and volumes are published on the new SIC. Among the analyses made was a "bridge" tabulation showing the disposition of each "old" industry in terms of the "new" industries and, conversely, the composition of each new industry in terms of the old industries. These "bridge" tabulations are included as Appendix C in all bound volumes of the 1958 Census of Manufactures. In addition, for industries where the classification revision was extensive, data from the "bridge" tabulations are



included as table 1A in the Industry Statistics Volume and are discussed in the industry descriptions and definitions that precede the tables.

Historical information is unavailable for many industries because of the SIC revision. Where comparable 1954 data are shown for the revised SIC industries in the published tables, they were derived from previously published information. It was not possible to reclassify individual establishment reports to derive comparable historical data for all industries. In some instances, the 1954 data shown are substantially comparable and the minor elements of noncomparability are explained in footnotes and in industry texts. Appendix B contains further information on this subject.

It should be noted that extensive revisions of industry definitions, as occurred between the 1945 and 1957 editions of the SIC, may affect totals for industries which are not changed in definition. This may best be illustrated by the following two examples: Consider the case of an establishment with 60 percent of its output in Industry A and 40 percent of its output in Industry B. In a revision of industry definitions, B may be unchanged but Industry A may be separated into two new industries. Call the new Industries C and D. Assume that the hypothetical establishment on the new SIC produces 40 percent in B, 30 percent in C, and 30 percent in D. Such an establishment would be classified in Industry A on the old SIC and in Industry B on the new SIC. This occurs in spite of the fact that Industry B is conceptually unchanged. A reverse situation may also occur. Assume Industries X, Y, and Z on the old SIC, with Y and Z collapsed into new Industry W and Industry X unchanged. An establishment with output of 45 percent in X, 25 percent in Y, and 30 percent in Z would be classified in X on the old SIC. On the new SIC, the YZ combination into W would make it the primary product so that the establishment would be in the new industry W. In such a situation, the old industry X, unchanged in any way in its definition, loses an establishment.

A summary of the comparability, in terms of new SIC classification, at the 2-, 3-, and 4-digit levels is shown in table B.

## 6. Definition of Establishment

The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size. There are relatively few cases of this type. Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis, i.e., from consolidated reports which not only combine activities at different locations (thereby eliminating interplant transfers) but also include the nonmanufacturing activities of companies primarily engaged in manufacturing. Census figures will also differ to some extent from other tabulations based on establishment reports where the

TABLE B.--SUMMARY OF COMPARABILITY OF INDUSTRIES  
BETWEEN OLD AND NEW SIC

Category	2-digit	3-digit	4-digit
	Number of industries		
Fully comparable.....	5	77	267
Directly.....	5	67	233
By combination.....	0	10	34
Substantially comparable (ap- proximately within 4%).....	9	29	59
Directly.....	9	19	41
By combination.....	0	10	18
Noncomparable (more than 4%)...	7	43	100
Total.....	21	149	426
Employment (in millions)			
Fully comparable.....	2.4	5.7	8.0
Directly.....	2.4	4.6	6.6
By combination.....	.....	1.1	1.4
Substantially comparable (ap- proximately within 4%).....	8.4	5.4	3.4
Directly.....	8.4	3.8	2.5
By combination.....	.....	1.6	.9
Noncomparable (more than 4%)...	4.6	4.3	4.0
Total.....	15.4	15.4	15.4

definition of an establishment as to location and line of activity is not so rigidly applied.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not of serious proportion and even if feasible, the filing of separate reports would not be warranted as a practical matter. However, there are a number of plant locations at which 100 or more employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. The Census Bureau requested separate reports in such instances in the 1958 Census, pointing out to the respondent that a limited amount of proration or estimating was acceptable in the preparation of such reports. For the most part, the effort was successful, particularly in the case of very large operations where failure to "split out" the different activities would have significantly distorted the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees, and could not be distinguished sufficiently in the companies' records to provide establishment-type reporting. The extent to which such separations could not be achieved combined with the overlap contributed by the smaller plants (those with less than 100 employees) is shown for each industry in tables 5A and 5B of the appropriate chapter of Volume II, Industry Statistics.

In 1958, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value



of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

A special study of manufacturing plants with no employees in 1958 was made to analyze the amount of manufacturing activity conducted by these very small establishments. The study was made from a sample of Internal Revenue Service income tax returns by individuals (Form 1040, Schedule C) and partnership returns (Form 1065) for the year 1958. The income tax returns in the sample were coded to obtain those engaged in manufacturing activity and then checked against Bureau of the Census and BOASI records to isolate those with no paid employment. The results of this study are shown in table C. It will be noted that there were over 50,000 manufacturing establishments in this category in 1958, but these establishments had only about one-quarter of one percent of the total value of shipments of all manufacturing.

TABLE C.--MANUFACTURING PLANTS WITH NO EMPLOYEES: 1958

Code	Major industry group	Estimated number of establishments <sup>1</sup>	Estimated total receipts <sup>1</sup> (million \$)
.....	Total.....	51,800	637
20	Food and kindred products	2,700	70
23	Apparel and related products.....	1,700	56
24	Lumber and wood products	13,600	116
25	Furniture and fixtures...	3,500	29
27	Printing and publishing..	11,500	104
32	Stone, clay and glass products.....	1,600	32
34	Fabricated metal products	1,500	46
35	Machinery, except electrical.....	6,500	59
39	Miscellaneous manufacturing.....	4,400	50
.....	All other groups.....	4,900	75

<sup>1</sup>In addition to possible error due to sampling, these estimates (particularly for number of establishments) are subject to considerable understatement because of limitations in classifying very small establishments as to whether they belong in or out of the manufacturing universe.

## 7. Industry Classification of Establishments

Each of the establishments covered in the census was classified in one of approximately 430 manufacturing industries in accordance with the industry definitions embodied in the SIC system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or a more or less closely related group of products. The product groupings from which industry classifications are derived are based on such considerations as whether they are typically produced by the same establishment, similarity of manufacturing processes, types of material used, types of customers, and the like. The group of products assigned to an industry is said to be "primary" to that industry. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. In a few instances, however, the industry classification of an establishment is deter-

mined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it is rare for all the establishments in an industry to specialize to this extent. The general statistics (employment, inventories, value added by manufacture, etc.) shown for an industry, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason, in relating the industry statistics (tables 1-4 in the Industry Volume) to the product statistics (table 6) showing shipments by all industries of the primary products of that industry, the composition of the industry's output as shown in table 5 should be considered.

The extent to which industry and product statistics may be matched with each other is measured by two ratios which are computed from transition tables 5A and 5B of the Industry Volume. The first of these ratios, called the primary product specialization ratio, describes the proportion of product shipments (both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the industry to total shipments of such products by all manufacturing industries.

The primary product specialization ratio measures the homogeneity of the industry in terms of end products. However, in many industries, individual establishments use a great variety of processes and materials to make the products falling into a single industry classification; e.g., industries such as toys, photographic equipment, and scientific instruments. Even where the process of manufacture tends to be relatively similar because the end products are narrowly defined, the processes carried on by particular establishments producing the end product may be markedly different. For example, in the refrigeration industry, there are instances of almost complete integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly are all carried on at one plant. On the other hand, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In many industries, the 1958 Census provides separate statistics on the production of intermediate commodities made and used (assembled) in the same plant. In addition, plants producing products for use in other plants of the same company are combined in the industry totals together with plants producing identical products for commercial sale (i.e., for sale to other companies). For those industries where the former type of operation is of consequence, that fact is pointed out in the introductory text for the industry. Also, the nature of variations in types of processes used and the production of intermediate parts and components in the same plant is described for those industries in which such situations are especially significant. This practice has been followed for many censuses in pulp and paper, textile fibers, yarn and fabric, and certain chemical industries. In recent censuses, this approach was further enlarged to include captive casting facilities, and to show captive metal fabricating activities such as stamping facilities, machine shops, and the like for the entire metalworking area.

Differences in the integration of production processes, types of operations, and alternatives in type of materials



used should be considered when relating the general items (employment, payrolls, value added, etc.) to the product and materials data.

Many small establishments reported no detailed product data but only enough information to permit coding them to a 4-digit old SIC industry. With the introduction of the new SIC system, a number of old SIC industries were split. The lack of separate information on the various products made by these establishments made it impossible to determine their appropriate new industry, and it, therefore, was necessary to assign them entirely to one of the resulting new industries. In two instances, industries 2541, 2542, and industries 2395 and 2396, these establishments were important enough to require that each of these pairs of industries be combined for publication purposes. In a few other industries, which are shown in table D, this problem affected the total establishment count and the number of establishments in the smaller size classes but usually had no appreciable effect on other statistics. For each set of industries enclosed by a bracket, the upper code number refers to the industry in which the establishments in question were classified, and other codes represent the industries in which some of these establishments would have been classified had they reported sufficient product detail. For all other industries whose definitions were revised by the new SIC, the effect of this problem was negligible.

TABLE D.--INDUSTRIES AFFECTED SUBSTANTIALLY BY MISCLASSIFICATION OF SMALL ESTABLISHMENTS RESULTING FROM REVISED INDUSTRY DEFINITIONS

New SIC code	Approximate data for potentially misclassified establishments		Total value of shipments of the specified industry (million \$)
	Number of establishments	Value of shipments (million \$)	
2092 } 2096 }	17	5	{ 1,081 1,239
2261 } 2262 } 2269 }	148	44	{ 686 211 158
2441 } 2442 } 2443 }	325	20	{ 236 93 30
2661 } 2643 }	44	4	{ 392 909
2761 } 2752 }	339	22	{ 406 1,342
3272 } 3271 }	1,063	79	{ 719 414
3441 } 3449 }	586	135	{ 1,901 917

## 8. Geographic Areas

(a) Census Divisions and Regions:--In order to present census data at a level between the United States total and those for the individual 48 States (Alaska and Hawaii did not achieve Statehood until 1959), the Census Bureau has used regional groupings for over a century. Since the 1909 Census of Manufactures, the present nine geographic

TABLE E.--VALUE ADDED BY MANUFACTURE ADJUSTED, BY DIVISION AND STATE, 1958

Divisions, regions, and states	Value Added by Manufacture Adjusted (Millions)	Percent
United States, Total	141,270	100.0
New England.....	10,438	7.4
Maine.....	638	0.5
New Hampshire.....	491	0.3
Vermont.....	236	0.2
Massachusetts.....	5,130	3.6
Rhode Island.....	754	0.5
Connecticut.....	3,189	2.3
Middle Atlantic.....	34,839	24.7
New York.....	15,892	11.2
New Jersey.....	7,499	5.3
Pennsylvania.....	11,448	8.1
East North Central.....	40,938	29.0
Ohio.....	11,473	8.1
Indiana.....	5,478	3.9
Illinois.....	11,664	8.3
Michigan.....	8,364	5.9
Wisconsin.....	3,960	2.8
West North Central.....	8,870	6.3
Minnesota.....	2,050	1.5
Iowa.....	1,684	1.2
Missouri.....	3,251	2.3
North Dakota.....	63	0.1
South Dakota.....	114	0.1
Nebraska.....	536	0.4
Kansas.....	1,171	0.8
South Atlantic.....	14,291	10.1
Delaware.....	420	0.3
Maryland.....	2,379	1.7
District of Columbia.....	198	0.1
Virginia.....	2,123	1.5
West Virginia.....	1,215	0.9
North Carolina.....	3,083	2.2
South Carolina.....	1,360	1.0
Georgia.....	2,102	1.5
Florida.....	1,411	1.0
East South Central.....	6,402	4.5
Kentucky.....	1,782	1.3
Tennessee.....	2,207	1.6
Alabama.....	1,771	1.3
Mississippi.....	642	0.5
West South Central.....	7,791	5.5
Arkansas.....	592	0.4
Louisiana.....	1,430	1.0
Oklahoma.....	725	0.5
Texas.....	5,045	3.6
Mountain.....	2,251	1.6
Montana.....	197	0.1
Idaho.....	255	0.2
Wyoming.....	63	0.1
Colorado.....	782	0.6
New Mexico.....	115	0.1
Arizona.....	360	0.3
Utah.....	412	0.3
Nevada.....	68	0.1
Pacific.....	15,437	10.9
Washington.....	2,167	1.5
Oregon.....	1,222	0.9
California.....	12,048	8.5

Note: Detailed figures may not add to the totals because of independent rounding.



divisions have been used. Beginning with the 1939 Census, the nine divisions were grouped further into four geographic regions; Northeast, South, North Central, and West.

Not only are these groupings convenient for the summary presentation of census data below the U. S. level, but they are essential to presenting a maximum of geographic information in Industry Volume table 2 for those individual industries in which application of the census disclosure law precludes the publication of individual State's data. (See the discussion in section 33, "Confidentiality of Data for Individual Companies.") The relative importance of manufacturing among the States and divisions is shown in table E.

(b) Standard Metropolitan Statistical Areas.—In addition to the legally constituted geographic units—States, counties, and cities—"all manufacturing" totals have been tabulated for the approximately 190 standard metropolitan statistical areas, while industry group (2- and 3-digit) statistics have been tabulated for areas with 40,000 to 190,000 manufacturing employees and industry data (2-, 3-, and 4-digit) for areas with more than 190,000 employees. These industry statistics for each area are presented in table 5 in the report for each State. There are about 70 areas with more than 40,000 employees.

Standard metropolitan statistical areas (SMSA's) are integrated economic and social units with a large volume of daily travel and communication between the central city (having 50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget for general-purpose use throughout the Federal Government in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining SMSA's on a city and town basis because towns are regarded as the significant unit in this region of the country.

The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered "metropolitan," much less "industrial." It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments such as minor civil divisions, but the usefulness of areas so defined would be limited by the fact that many types of economic and social data are available only on a county basis.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

(c) Industrial counties.—In addition to industry statistics for SMSA's with 40,000 or more manufacturing employees, the Census of Manufactures presents data in table 6 of the State reports for each industry group (2- and 3-digit) in a county that had at least 500 manufacturing employees and would not result in disclosure of figures reported by individual companies.

(d) Cities of 10,000 Inhabitants or More.—As in 1954, summary totals are presented for individual cities having

10,000 inhabitants or more. The selection of cities for inclusion was made on the basis of the 1960 Census of Population which was taken as of April 1, 1960. No industry detail is shown for individual cities. Because of the precedence given to SMSA's and counties, most industry data for even large cities would necessarily be withheld from publication to avoid disclosure either directly or by subtraction from published county totals.

## 9. The Census Report Forms

Although only one report was required from each establishment in the 1958 Census of Manufactures, the diversity of manufacturing activities made it necessary to use over 200 different report forms to canvass the approximately 425 manufacturing industries. In order to obtain efficiently the data essential to the census in a manner consistent with considerations of cost and reportability by the respondent, it was decided to use "standard" forms, requiring full census detail only for those manufacturing plants above a given size in terms of number of employees. For the numerous smaller establishments, typically having less detailed records and representing a very minor portion of manufacturing output and employment, data requirements were limited to a relatively few key items on a series of short forms with different preprinted lists of product class items in the shipments inquiry. In a few industries, these small plants were typical and accounted for a substantial portion of the industry's totals in the aggregate. In such cases modified versions of short forms requesting additional items were used.

The size cut-off for short forms varied according to size composition of the industry so that, while the forms covered a small percentage of each industry's aggregates (employment, etc.), they did represent a much higher proportion of number of establishments. The cut-off generally ranged from 4 to 10 employees.

Using the administrative records of the Bureau of Old Age and Survivors Insurance in conjunction with existing Bureau of the Census records, it was possible to determine correctly, in most cases, the type of form each manufacturing establishment should receive.

Information was obtained on all 1958 forms regarding the physical location, Social Security employer identification number, company affiliation, and legal form of ownership. These facts not only provided for completeness-of-coverage control in the census (see section 11, Development of the Mailing List), but also permitted the classification of each establishment by geographic location and type of legal organization.

(a) Standard Forms.—Each standard form called for virtually the same general items—employment, payrolls, man-hours, materials costs, detailed fuels and electric energy costs, inventories, and capital expenditures—regardless of the industry or industry group. However, the forms differed in that detailed inquiries on the quantity and value of individual products shipped and individual materials consumed as well as miscellaneous inquiries such as types of operation and equipment were adapted to the individual industry or industry group. Almost 200 different forms were needed to allow for these adaptations. (A sample form appears in Appendix D.)

(b) General Short Forms.—These forms, designed for small establishments as noted above, were an abbreviated version of the standard forms and requested limited general



and product information. For example, only total employment and payroll figures were requested, without detail by functional class (i.e., production workers and all other employees); production-worker man-hours and wages were not required on short forms. Instead of detailed information on individual products (7-digits) the short forms requested value of shipments mainly in terms of product classes (5-digit). There were 20 different short forms each covering roughly a 2-digit major industry group.

(c) Modified Short Forms.--In manufacturing as a whole and in most industries, very small establishments account for only a minor part of employment or production. However, for a few industries, small plants constitute a significant proportion of the total. For these industries, modified short forms were used, with the same establishment type inquiries (i.e., employment, inventories, etc.) as appeared on the general short form. In the materials and product sections of these forms, however, greater detail was required, approaching the materials and product sections of the standard form counterparts for these industries. The industries covered in this manner were: Logging and Sawmills, Concrete Products, Dairy Products, and several printing and publishing industries.

(d) Form for Manufacturing Plants Under Construction During 1958.--This form was designed to obtain data on capital expenditures by manufacturing firms for new plants under construction during 1958 but not in operation by the end of the year. A regular census report of the type described in (a)-(c) above was not obtained from such establishments. The new plant form was sent to the 1,600 largest manufacturing firms, and to a sample of 1,700 other manufacturing companies. (For a discussion of the purpose and use of this form, see section 26, "Expenditures for Plant and Equipment.")

(e) Form for Separate Central Administrative Offices and Auxiliaries of Manufacturing Companies.--Separate reports for each central administrative office and auxiliary unit (e.g., storage warehouses, research laboratories, garages, repair shops etc.), which served the manufacturing establishments of the company were obtained if they were at locations different from the establishments served or if they serviced more than one manufacturing establishment. The report form included inquiries on payrolls, employment, inventories, sales and warehouse storage space. In the manufacturing sector there were approximately 4,500 such establishments in 1958. They accounted for about 600 thousand employees with payrolls of about \$4.5 billion, which represent 3.8 percent and 5.7 percent, respectively, of the totals for all manufacturing.

The employment, payroll, and other related data for separate administrative offices and auxiliaries are not included in the operating manufacturing establishment totals, either for individual industries or industry groups. The employment and payrolls of such administrative offices and auxiliaries are, however, shown separately and also included in the "all manufacturing" totals in selected tables in the final volumes; e.g., table 1 of each State report.

## 10. Supplemental Surveys Conducted as Part of the Census of Manufactures

(a) Distribution of Manufacturers' Sales by Class of Customer.--Part of the 1958 Census of Manufactures consisted of a survey designed to collect data on the distribution of manufacturers' sales by class of customer. This survey was conducted on a sample basis. The sample panel of approximately 50,000 establishments reporting in the

Annual Surveys of Manufactures for 1955-1957 was used in this survey. The reporting for the distribution of sales survey, however, was on a company basis rather than an establishment basis. The results of this survey have been published in separate subject reports (Series MC58(1)-10.20-39) and also as a chapter in Volume I, Summary Statistics.

(b) Supplementary Employee Costs, Cost of Maintenance and Repair, Insurance, Rent, Taxes, and Depreciation and Book Value of Depreciable Assets by Industry: 1957.--Another part of the census program consisted of a survey of supplementary employee costs, cost of maintenance and repair, insurance, rent, taxes, and depreciation and book value of depreciable assets. This survey covered the year 1957 and the Annual Survey of Manufactures sample panel was used. Results of this survey by industry and State have been published in separate reports (Series MC58(1)-9) and are also included as a chapter in Volume I, Summary Statistics.

(c) Industrial Water Use for 1959.--As a supplementary inquiry of the 1958 Census, approximately 11,000 manufacturing establishments were canvassed regarding water consumption in 1959. The panel of reporters comprised selected respondents who reported a consumption of 20 million gallons or more of water in 1954 when the first survey of industrial water use was conducted, and others based on industry and employment size. In addition to the items covered in the 1954 survey, the 1959 report provides the following additional information: (1) water intake data differentiated between quantities for steam generation and for other condensing and cooling purposes; (2) a three-way breakdown showing the amount of water discharged, by point of discharge; (3) information indicating whether the discharged water was treated prior to discharge; and (4) information relating to the purposes for which recirculated or reused water was utilized. Results of this survey by industry, State, and Water Use Regions have been published in a separate report (Series MC58(1)-11) and also appear as a chapter in Volume I, Summary Statistics.

## 11. Development of the Mailing List

The basic mailing list for the 1958 Censuses of Manufactures, Business, and Mineral Industries comprised all employers (except farmers, State and local governments, and other ineligible classes) who made one or more quarterly payments in 1958 under the Federal Insurance Contributions Act. The list, which was obtained from the Internal Revenue Service (IRS) of the Treasury Department, contained all of the information necessary for mailing the census questionnaires except the industry classification of the employer.

The IRS list was matched with various lists containing the industry code number (SIC) which was required for selection of the appropriate census report form. The matching operations, which were done on electronic equipment, were made possible by the fact that both the IRS list and the classified lists contained the Social Security employer identification (EI) number.

While the IRS list was the basic control mechanism, the 1957 Annual Survey of Manufactures was the principal device for mailing to large companies. This annual survey included all large manufacturing establishments (i.e., those with 100 or more employees), which in 1954 accounted for 74 percent of total employment. For smaller establishments, the principal source of industry codes was



the "employer master file" of the Bureau of Old-Age and Survivors Insurance (BOASI) of the Social Security Administration. The latter file was supplemented by independent lists for two industrial areas, apparel jobbers and milk bottlers. (The apparel jobber information came from a census commodity survey; the dairy list from State government sources.)

Further mailing list supplementation was necessary for "multiunit" companies--those with more than one manufacturing, mining or business establishment. A pre-canvass was conducted by use of Forms NCX-1A and NCX-1B. Form NCX-1A was sent to about 10,000 large companies and called for a listing of subsidiary corporations and of each establishment owned by the parent company or its subsidiaries. Form NCX-1B was sent to about 40,000 smaller firms. These forms differed only in that the NCX-1A prelisted all known establishments. The NCX-1B, which went to firms with less than 5 establishments in 1954, did not prelist the establishments. The pre-canvass was performed jointly for the Censuses of Manufactures, Business, and Mineral Industries.

A general purpose form, NCX-3, was used for concerns having EI numbers on the IRS list which did not match the classified lists, and in cases where the EI numbers matched but the classified lists did not provide sufficient information for selection of a specific questionnaire. The industry code of employers thus canvassed was assigned after receipt of the NCX-3 on the basis of the information reported on that form. When the establishment filing the NCX-3 was large or where otherwise necessary, additional information was obtained to complete the appropriate inquiries for the industry to which the establishment was assigned.

In the 1958 Census the report forms were distributed and returned by mail. Personal or telephone contact was made only when the manufacturer failed to respond to the initial request or to followup letters. The mailing, collection, check-in control, screening, coding, routine editing, and punching were performed at the Bureau's operations office in Jeffersonville, Ind. Subsequent work was done in Washington, D. C.

## 12. Completeness of Coverage

Since the 1958 mailing list was considered to be complete, no field coverage check was conducted. However, at various stages of processing of the reports, coverage checks were conducted with the aim of determining whether establishments on the original mailing list were represented in the processing stage under scrutiny.

In the process of review of the results, checks were also made to assure that all significant establishments were included in the tabulated totals. Results of tabulations for industry-State cells, 7-digit products, county-industry groups, and cities were compared with similar data from the 1954 Census and statistics compiled by other agencies. Where deemed appropriate, establishment by establishment comparisons were made between 1954 and 1958. For example, when a plant was tabulated in a particular city in the 1954 Census and was not in the initial tabulation for that city in 1958, a thorough search was made to assure that a report for the plant was received and correctly processed in the 1958 Census. In addition, the mailing list of small establishments derived from the IRS-OASI records obtained by the Census Bureau assured virtually complete coverage of small establishments.

## 13. Manufacturing Employees--Classifications Used

a. All Employees.--The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or received pay for any part of the pay period ended nearest the 15th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the armed forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are, however, excluded from the total.

Production and Related Workers.--Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plants' own use (e.g., power plant), record keeping, and other services closely associated with these production operations at the establishment covered by the report are included. Supervisory employees above the working foreman level are excluded from this category.

All Other Employees.--Represents nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

(b) Central Administrative Office and Auxiliary Unit Employees.--Respondents were asked to file separate reports for any central administrative offices or auxiliary units at a different location from the establishments served or at the same location as one of these establishments but not operated as an integral part thereof and administered or served two or more establishments. The functions of employees in central administrative offices include: general company policy determination, planning and management (i.e., company purchasing, accounting, general engineering, direction of company personnel matters, and legal and patent matters). Auxiliaries are storage facilities, garages, repair shops, purchasing offices, sales promotion offices, and research laboratories serving the plants or central management of the company. Employment and payroll totals for the central administrative offices and auxiliaries are included in the 2-digit summary chapter of the Industry Volume and in some tables of the Area and Summary Volumes.

## 14. Manufacturing Employees--Average Employment

The 1958 report forms requested employment figures for "production and related workers" for four selected pay periods (i.e., production worker mid-month employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."



This approach was initiated in the intercensal annual survey of manufactures to simplify the schedule format and lighten the reporting burden of respondents, since it was found that the average of these selected pay periods approximates very closely the average employment for the year that would be obtained from the 12 pay periods for almost all industries.

In the employment data shown in this report, the four-month average is shown for all industries. For a few highly seasonal industries, figures on production workers were collected for all twelve months and are shown in statistics for those industries.

#### 15. Manufacturing Employees--Payrolls

This total includes the gross earnings paid in the calendar year 1958 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to the proprietor or partners of unincorporated businesses. Also excluded are payments to members of armed forces and pensioners carried on the active payroll of manufacturing establishments.

The 1958 Census definition of payrolls, identical to that recommended to all Federal statistical agencies by the Bureau of the Budget, is also the same as that used in 1954. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation.

As in the case of employment figures, the payrolls of separate central administrative offices and auxiliary units of multiunit companies are not included in the totals for individual industries or industry groups but are shown in table 1 of each State report and in other selected tables in the Area and Summary Volumes.

#### 16. Production and Related Worker Man-Hours

This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported. The man-hours figures issued in this report differ from those published monthly by the Bureau of Labor Statistics. The BLS data cover all hours paid for, whether or not worked, and relate only to the payroll period ending nearest the middle of each month.

Man-hours were generally well reported except in the case of small establishments which, as in the past censuses, experienced some difficulty in distinguishing between production and other types of workers, and except for some industries, like apparel, where work is commonly performed on a piece rate basis. Where man-hours were not reported and it was not feasible to obtain the information by correspondence, the data were estimated. Because this estimating was largely confined to

small establishments, there is no significant qualification to the validity of overall industry and geographic area totals for man-hours, except for sawmills and a few other industries characterized by small establishments. However, the man-hour figures for establishments with fewer than 10 employees, shown in the size of establishment tables, should be interpreted with this factor in mind.

#### 17. Cost of Materials, Etc., Consumed

An inquiry on the report forms requested information on the cost of materials, supplies, components, semi-finished goods, fuels, and electric energy actually consumed or put into production during the year, and the cost of products purchased for resale by each manufacturing establishment, whether purchased, withdrawn from inventories, or received from other establishments of the company. "Cost" refers to direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring these materials.

To arrive at the industry total "cost of materials, etc.," separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies put into production in 1958 or used as operating supplies and for repair and maintenance during that year; (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing establishments (contract work); (e) cost of products bought and resold in the same condition. The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and research, developmental, and consulting services of other establishments; it also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc.; it excludes materials, machinery and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts. It should be noted that the inclusion of the cost of goods purchased for resale in the "total cost of materials" is a change in procedure from previous censuses.

In the case of costs reported for materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to approximate the commercial value of these materials, plus freight and other direct handling charges. For some industries in which there was no satisfactory market counterpart of the transferred material, special instructions were necessary. The respondent was also asked, where possible, to check that such approximated costs exceeded the value of shipments reported by the company's plant producing and transferring the goods only by the addition of freight and other direct charges.

It should be noted that the cost of fuel consumed under (c), above, does not include fuel used as a material in the manufacturing process; for example, coal used in the production of coke. Such costs were included with other materials costs in category (a), above.

A summation of industry cost of materials figures to industry group totals would result in large and unknown amounts of duplication, owing to the addition of costs reported by related industries engaged in successive fabrication stages in the production of finished manufactured prod-



ucts. For this reason, cost of materials figures are not shown at the industry group (3-digit) and major industry group (2-digit) levels. With some important exceptions (such as "refrigeration machinery," "radios and television receiving sets," and "motor vehicles and parts"), this duplication is not significant within individual industries.

#### 18. Individual Materials Consumed

In addition to the total cost of materials, fuels, etc., which every establishment was required to report, quantity and cost information was collected on the use of 551 specific materials. Consumption information was also collected for an additional 320 items as part of the product sections of the report forms. The latter group typically consisted of items which were produced and also consumed by the producing establishments or by other establishments in the same industry. For example, many textile plants produced yarns and then used them in weaving or knitting fabrics. Also, in the steel industry, data on receipts and consumption of mill shapes were obtained as part of the inquiry calling for the production and shipments of these shapes.

Materials were covered in two ways. For 293 materials, every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of the total consumption by manufacturing industries. For the remaining 258 materials, information on consumption was obtained on a more limited basis, generally only from those industries in which the materials were an important part of total material costs. Of the 320 products for which consumption information was obtained, industries accounting for 90 percent or more of manufacturing consumption were covered for about 200 items.

Because American industry uses an enormous variety of materials, the number of materials for which "complete" coverage consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was, therefore, based on the following criteria:

- (1) The importance of the material as measured by the total value of United States consumption of the material;
- (2) The percentage of total consumption accounted for by manufacturing establishments;
- (3) The availability of consumption information from manufacturers' records; and
- (4) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited coverage basis were chosen not only because they constituted important inputs for particular industries but, frequently, because they provided necessary classification information and other indirect measures. For example, an industry's production was of a heterogeneous character and materials consumed afforded a better measure of physical output than could be obtained from available production data.

Tabulated data on the materials consumed in an industry are usually shown in the report for that industry. In addition, for the 293 materials covered on a complete basis (see above), consumption by all industries and, frequently, by States is shown in Volume I. The data on materials consumed relate generally to the quantity and cost

of materials purchased from other companies or obtained from other plants of the same company. However, for selected materials which are also importantly produced for use within the same establishment, information was requested on such captive production in quantity terms only.

Some undercoverage exists in the statistics for most individual materials. This undercoverage results from the fact that:

(1) Individual materials consumption information was obtained only from establishments using one of the Census of Manufactures long forms or one of the modified short forms. For the most part, therefore, plants with a very small number of employees are not represented in these statistics.

(2) Establishments consuming less than a specified amount of a material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000.

The use of such cut-offs, as well as the use of short forms, is not believed to have had a significant effect on the totals for most materials. However, for industries where a sizeable proportion of the activity is accounted for by small establishments or where a specified material is used in relatively small quantities, the above limitations may be of some consequence.

#### 19. Value of Shipments

The amounts under "value of shipments" both for industries and for individual products or classes of products are the received or receivable net selling values, f.o.b. plant, after discounts and allowances, and excluding freight charges and excise taxes. However, where the products of an industry are customarily delivered by the manufacturing establishments (bakery products, fluid milk, and soft drinks, for example) the value of shipments is based on the delivered price of the goods rather than the f.o.b. plant price. For the tobacco and other industries where excise taxes are important, such taxes are covered separately.

Under the general heading of shipments, manufacturers were asked to include all items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. Also included were receipts for contract work and for such miscellaneous activities as sale of scrap and refuse, installation work by manufacturing plant employees, research and development work, and repair work. The net selling value of products made in one plant on a contract basis from materials owned by others was reported by the plant providing the materials. The value of products bought and resold without further processing (merchandising) was reported separately and is included in the value of shipments totals for each industry but not for individual products or classes of products. The inclusion of resales in total value of shipments is a change in procedure from earlier censuses. The 1954 data shown in these volumes and reports have been revised to include the value of resales.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company (i.e., other manufacturing plants, separate sales branches, or retail stores) at "the nearest approximation to corresponding commercial values, f.o.b. plant, and not the cost of production."



The value of shipments for the industry is usually different from the value of shipments of the group of products regarded as "primary" to the industry. The value of shipments of primary products of an industry (tables 5 and 6 of Volume II, Industry Statistics) includes the value of such products reported by all producers, including those establishments in other industries which make these items as "secondary" products. However, that value does not include the value of secondary products of establishments classified in the industry, or receipts of such establishments for contract work and other miscellaneous activities. The general use of shipments as the basis for valuing the output of manufacturing industries differs from the practice for all censuses except those for 1954, 1947, and 1929. The selection of shipments in recent censuses was made in order to facilitate direct reporting from records of sales, shipments, or billings. Value of shipments for 1958 and 1954 may, however, be directly compared with value of products for earlier years. In the first place, it is likely that in earlier censuses many manufacturers valued their output in terms of shipments even though value of production was requested. Secondly, the changes in the value of finished goods inventories for most industries are of minor importance. The "value of production" was requested in the 1958 Census for a relatively few industries where such records are generally maintained in place of shipment figures and reporting of the latter would have involved undue difficulty for the respondent. These instances are noted in the tables and descriptive text for the industries involved.

## 20. Individual Products

For 1958, as for 1954, data were collected for almost all industries on the quantity and value of individual products shipped. In the 1958 Census, information was collected on the output of approximately 7,500 individual product items. The term "product" as used in the census represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases it may be much more detailed and frequently it is more aggregative. For example, automotive gasoline was reported as a single item. On the other hand, pharmaceutical preparations were distributed into nearly 100 items.

The list of products for which separate information was collected was prepared after consultation with industry and Government representatives. Comparability with previous figures was given considerable weight in the selection of product categories and comparable 1954 information is presented for most products at some level of detail.

Typically, quantity and value of shipments information was collected. In some cases quantity was not significant or could not be reported by manufacturers. For these products, only value of shipments was collected. Shipments include both commercial shipments and transfers of products to other plants of the same company. For industries in which a considerable portion of the total shipments are transferred to other plants of the same company, separate information on interplant transfers was also collected. Moreover, for products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, information was collected on total production and often consumption of products produced in the same establishment. Generally, the information on production was also collected

for products where significant differences between total production and total shipments sometimes occur. Other measures of output of products, such as value of work done for products with long production cycles, were used when appropriate and feasible.

## 21. Classes of Products

For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were in turn grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total primary products in an industry.

The 7,500 product items in the 1958 Census were grouped into approximately 1,100 separate classes. Products were grouped into product classes on the basis of general similarity of manufacturing processes, types of material used, and the like. However, the grouping of products was affected by the economic significance of the class and in some cases, dissimilar products were grouped because the products were not sufficiently significant to warrant separate classes.

The product class was developed in order to provide an intermediate level of classification for output information. Because of the reduced number of separate items and the increased number of companies producing the class of products, additional tabulations of output information, e.g., product class by State (table 6B of the Industry Volume) are feasible more frequently than would be possible for individual products. The increased number of companies minimizes the problem of protection against disclosure of information pertaining to individual companies.

## 22. Duplication in Cost of Materials and Value of Products

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as motor vehicles and parts, this duplication is not significant within individual industries but arises from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the over-all extent of this duplication indicate that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of products reported in the census. Because of the unknown and varying amounts of duplication contained in cost of materials and value of products, these figures are not shown for groups of industries in this census and are also eliminated for a small number of individual industries containing serious amounts of duplication.

Even where no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry.



### 23. Value Added by Manufacture

The standard formula for deriving value added by manufacture in 1958 was modified from the one used for earlier censuses. During the earlier period, the measure was obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. This item is referred to as unadjusted value added when it appears in the tables in this publication. For 1958, this measure of value added was adjusted by taking into account the following items: (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly) plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. The resulting figure is the adjusted value added by manufacture.

The adjusted value added is given greater prominence in reports of the 1958 Census than in earlier censuses. In future Census publications, the concept of unadjusted value added will be dropped. The adjusted value added is superior because it is more comprehensive as an approximation of the net production of goods and services during the period covered by the report. Under the earlier concept, the value added in merchandising was omitted on the grounds that it did not accrue as a consequence of manufacturing functions. Under the new (adjusted) concept, the measurement of all activities of establishments defined as primarily manufacturing is accepted as the objective.

Value added avoids the duplication in the value of shipments figure which results from the use of products of some establishments as materials by others. Consequently, it is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

### 24. Value Added and National Income

Value added by manufacture should not be confused with "national income originating in manufacturing" as presented in the national income by industrial origin estimates compiled by the Office of Business Economics, Department of Commerce. The latter measure is the sum of factor costs incurred by an industry in production and is, therefore, a more "net" concept of value added than that used in the Census of Manufactures. "Income originating" excludes, in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income originating estimates are prepared from company rather than establishment data. This will result in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primarily nonmanufacturing. It is believed that for manufacturing as a whole the net effect increases income originating. (In fact, in the Petroleum and Coal Prod-

ucts major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one major industry group in which O.B.E. "income originating" exceeds "value added by manufacture" used by the Bureau of the Census.)

The figures shown in Table F should be reviewed in the light of these comments.

TABLE F.--COMPARISON OF NATIONAL INCOME ORIGINATING IN MANUFACTURING AND VALUE ADDED BY MANUFACTURE

(In millions of dollars)

Period	National income originating in manufacturing <sup>1</sup>	Value added by manufacture (adjusted)	Col. (1) divided by Col. (2)
	(1)	(2)	(3)
1958.....	103,817	141,270	.73
1957.....	112,476	147,838	.76
1956.....	109,268	144,909	.75
1954.....	91,057	117,031	.78
1947.....	58,717	<sup>2</sup> 74,290	.79
1939.....	17,925	24,487	.73
1929.....	21,888	30,591	.72

<sup>1</sup>Source: U. S. Income and Output and July 1961 Survey of Current Business.

<sup>2</sup>1947 and earlier figures are unadjusted value added.

Form MC-D11, Selected Costs and Assets of Manufacturing Establishments, collected data on some of the cost items which account for the difference between value added as defined in the Census of Manufactures and national income originating in manufacturing. The diagram below shows some significant facts about the conceptual difference between these measures of manufacturing activity.

It will be noted that value added as defined by Census procedures for 1957 was \$147.8 billion or \$35.3 billion greater than the estimate of national income originating in manufacturing in 1957. The MC-D11 survey for 1957 conducted by the Census Bureau compiled data on several cost items not deducted from value added. These costs amounted to \$15.4 billion in 1957. There is an additional \$19.9 billion gap between national income and value added which largely consists of expenditures for advertising, publicity, legal services, travel and communications, royalty payments, contract research, bad debts, entertainment, other professional services, and other expense items. Many of these are company-type expenses and cannot be reported on an establishment basis by multiestablishment firms. In addition, transfer payments, gifts, scholarships, and similar expenditures are not factor costs and contribute to the gap, since such charges are not deducted from value added.

### 25. Inventories

The value of beginning-of-year and end-of-year inventories, respectively, held by each manufacturing establishment was obtained in the 1958 Census. Separate inventory figures were requested for: (1) finished products; (2) work-in-process; and (3) materials, supplies, fuel, and other inventories.



1957 Comparative Statistics  
(All figures in billions of dollars)

National income and gross product in manufacturing		Value added as defined for the Census and Annual Survey of Manufactures	
National income:		Payroll of operating establishments	= 76.4
Payroll	= 80.6	Supplements from MC-D11 <sup>2</sup>	= 6.0
Supplements to payroll	= 7.2	Payroll in CAO and other auxiliary establishments	= 4.2
Total payroll	= 87.9	Total	= 86.6
Other income	= 24.6		
+ Indirect taxes, transfer payments, and capital consumption charges less subsidies		Taxes covered on MC-D11	= 1.5
Estimate not available		Depreciation on MC-D11	= 7.3
		Cost items in value added, not in GNP:	
		Covered in MC-D11	
		Maintenance and repair services purchased from other firms	= 4.5
		Insurance	= .7
		Rents	= 1.4
		Not covered in MC-D11:	
		Advertising, legal, and other professional services, communications, royalties and patent fees, travel costs, publicity, transfer payments, etc.	Estimate not available

<sup>1</sup>Estimates of GNP by industrial sector are not made by the National Income Division of the Office of Business Economics.

<sup>2</sup>MC-D11 was a survey of selected costs in 1957.

<sup>3</sup>Excludes supplements for employees at CAO's and auxiliaries.

Respondents were asked to report their inventories at approximate current costs if feasible; otherwise "at book values." Since different methods of inventory valuation are used (LIFO, FIFO, etc.) the definition of the value of inventories aggregate for all establishments in an industry is not precise. The figures on change in inventory between the beginning and the end of the year are of considerably greater significance.

In using inventory data by stage of fabrication for all industries and at the two-digit industry level the following should be noted. An item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified industries. Further, the total finished goods inventory for "all manufacturing" includes items that are not finished manufactured products.

For a few industries in the food group there are special problems in the handling of inventories by stage of fabrication. These are industries in which the products are usually stored under controlled conditions, and the products are aged. Included among such types of products are stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished goods inventories or as work-in-process while in storage.

In all of these industries substantial finished goods inventories have been reported. These data have been summarized in the inventory tables in a consistent manner for all of the years included in this report.

## 26. Expenditures for Plant and Equipment

In the 1958 Census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed-asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense. Also excluded are expenditures for land and expenditures made by owners of plants and equipment leased to reporting manufacturers.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) new structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the United States Government). The publication of statistics on capital expenditures is generally confined to new plant and equipment (items (a) and (b) above).



In the 1947 Census and the 1949 and 1950 Annual Surveys, data on capital expenditures related only to manufacturing establishments that were in operation at some time during the report year. They did not include expenditures incurred during the year for constructing and equipping new plants not yet in operation, or for renovating idle establishments. To close this statistical gap, such supplemental capital expenditures data for plants under construction were obtained in the 1951 Annual Survey and in each succeeding annual survey of manufactures and census. The "under construction" survey included approximately 1,600 large manufacturing companies. In addition, reports were obtained from about 1,700 smaller companies, selected as a representative sample of all manufacturing concerns. The relative contribution of these smaller companies to the "under construction" expenditures is ordinarily less than one-tenth of the estimated total.

The capital expenditures figures in the Industry and Area Statistics Volumes do not cover idle plants and plants under construction that were not put into operation within the year 1958. Data on this type of capital outlay are shown by industry group and by State in the Summary Statistics Volume.

The census figures on capital expenditures differ from those estimates published from the Office of Business Economics-Securities and Exchange Commission sample survey. In addition to the sampling variation present in the latter data, a major source of difference is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series on expenditures, covers all establishments (manufacturing and nonmanufacturing) of companies classified as manufacturing concerns. This factor is particularly important in the petroleum industry, where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. The OBE-SEC series excludes from the totals for manufacturing industries firms which operate manufacturing establishments but are primarily nonmanufacturing companies. Both series, it should be noted, exclude expenditures for plant and equipment at establishments owned by the Federal Government but operated under lease or contract by private companies.

## 27. Fuels and Electric Energy

Detailed statistics on the use of fuels by manufacturing establishments for power and heat were collected in the 1958 Census. The data were not available in corrected form in time for inclusion in the individual industry reports which constitute the Industry Statistics Volume; they do appear as a separate chapter in the Summary Volume. Separate figures were collected for coal, coke, fuel oil, gas, and "other fuels." Except for "other fuels," both quantity and cost data were collected for each of the fuels named. For "other fuels," only cost was collected. The fuels reported in this inquiry exclude those used by manufacturing establishments as a raw material. For example, coal consumed in the manufacture of coke is excluded from the fuel statistics.

Experience, based on past censuses, indicates that practically all of the information compiled on detailed fuels is reported by relatively large establishments in specific industries. Therefore, in the 1958 Census the detailed inquiries on fuel were not directed to (a) establishments classified in approximately 250 of the 450 industries (old SIC), of which 57 of the 250 industries are in the printing

and apparel groups, and (b) establishments reporting on short forms. In addition, establishments in the fuel reporting industries were requested to report detailed fuel data only where the 1958 fuel expenditure equalled or exceeded \$5,000. As a result of these limitations, it is estimated that the 1958 detailed fuel data, shown in the Summary Statistics Volume, by Industry and State, represent a coverage of approximately 94 percent of the total as reported in 1954.

Data were also collected on the use of electric energy in manufacturing. Separate figures were collected for the quantity and cost of electric energy purchased, the quantity of electric energy generated, and the quantity and value of electric energy sold. All of these data are shown in the Summary Volume chapter on Fuels and Electric Energy. Only the cost of purchased electric energy is contained in the Industry Volume (table 3).

## 28. Selected Metalworking Operations

For all industries in SIC Major Groups 35 and 37, and for selected 4-digit industries in Groups 19, 33, 34, 36, and 38, the 1958 Census included a special inquiry on "Selected Metalworking and Related Operations" to provide a measure of certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: iron or steel foundry; nonferrous foundry (except die casting); die casting (nonferrous metal only); forging—presses, hammers, or upsetters; electroplating; galvanizing and other hot-dip coating; heat treating or annealing of metals for production purposes; automatic screw machine department; machine shop; tool and die shop, if separate from machine shop; pattern shop (foundry patterns only—metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming; painting, lacquering, and enameling; plastics molding; assembly of product; and shipping department (including packing and crating).

The number of establishments performing these operations and the number of production workers engaged in these operations classified by size of the specific operation are shown by industry in table 1 and by geographic division and State in table 2 (Vol. I, Ch. 8, Selected Metalworking Operations). The size distribution is based on the number of production workers usually employed in the operation. In addition, for selected industries, the actual number of man-hours worked by production workers in specified operations is also shown.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of industries, the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries. For example, the 1958 inquiry for SIC Industry 3691, "storage batteries," did not list electroplating; plate and structural fabrication; stamping, blanking and forming; and automatic screw machine operations, since the 1954 data indicated that these operations were relatively unimportant. Operations such as foundries; die casting; machine shops; and tool and die shops, which accounted for substantial employment in SIC Industry 3691, were included in this inquiry.

In many industries, however, small establishments reported on a short form that did not include the inquiry on metalworking operations. Also, a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments maintaining specific



operations, primarily in the smallest size class, and to a much smaller degree an understatement of the total number of production workers in the operation.

An approximation of the coverage in terms of both the number of establishments and the total number of all employees is provided for both industry and geographic totals. The coverage for nearly all industries is over 90 percent and is highest in industries in which larger establishments predominate.

For foundry operations, the number of plants operating foundries consists of the number reporting the operation for each industry plus the number of establishments classified in the foundries industries. For forgings operations, the number of plants operating forge shops consists of the number reporting the operation for each industry plus the number of establishments classified in the forgings industry. In footnotes to table 1, 1958 data are shown for the number of establishments classified in these industries. For example, in addition to establishments shown in the table as operating foundries and die casting facilities, the number of establishments classified in the foundry industries is given in the footnote. In the State table, separate columns have been included giving the number of establishments classified in these industries in each State. Similarly, the form used by respondents in Industry 3471, Plating and Polishing, and in Industry 3479, Metal Coating, Engraving, etc., did not include the metalworking inquiry. Consequently, data for establishments in these latter industries were presented in the same manner as for the foundry industries.

A limited inquiry covering machine shops and pattern shop operations was included for the foundry industries, and an inquiry covering machine shops and tool and die shops was included for the forgings industry.

### 29. Selected Equipment Data

An inventory of textile equipment in place was obtained for a number of the important machines used in the basic textile industries. These data, grouped by type of operations or industry activity of the plant, are shown in a separate chapter in the Industry Volume (22.1). Information regarding the coverage of the inquiry is also shown.

Information on various types of presses and the quantity of crushed seed and oil produced from cotton seed, soy beans, and flax seeds by manufacturing plants was also compiled and issued as a separate report. These data are also included in the Industry Volume.

### 30. Special Departmental Reports

For paper plants, stone and clay plants and steel plants where vertically integrated activities are characteristic of establishment operations, selected employment information regarding certain departmental activities was obtained in the 1958 Census. Information relating to pulping departments, quarrying activities, and selected operations in steel plants is shown in the chapters for these industries in the Industry Volume.

### 31. Plant Specialization Data

In response to needs expressed by data users, a program of plant specialization statistics was developed for the 1958 Census. These data provide a more exact measurement of the relationship between the output of an industry and the statistics on employment and payrolls, cost of materials, etc., reported by the same industry. The plant specialization data (in table 8 of the Industry Volume) im-

portantly supplement the information presented in industry tables 5A and 5B.

Specialization for an establishment is computed in two ways. The first computation is in terms of the ratio of all the primary products of the establishment to its total of primary plus secondary products; the second in terms of the ratio of the largest single product class of the establishment to its total of primary plus secondary products. Receipts for contract and commission work as well as other miscellaneous receipts are not included in the plant specialization computation. Establishments are then grouped according to their degrees of specialization at the two levels. The statistics presented in table 8 group establishments in three specialization ranges for most industries: 90 percent or more, 75-89 percent, and less than 75 percent. For each of these ranges at the two levels (all primary products and the product class), statistics are shown on employment and payrolls, value added, cost of materials, value of shipments, and new capital expenditures.

Certain product classes are primary to more than one industry. The industry classification of establishments primarily producing such classes of products is determined on the basis of the kind of operation performed in the establishment, e.g., making the product from purchased materials or from materials produced at the same location. In the plant specialization data (table 8), product classes primary to two or more industries are shown in each of the respective industries. For each industry, the specialization data by industry and product class include only those establishments producing the class of product in the manner defined (e.g., lubricating oils from purchased materials).

Table 8 of the Industry Volume permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5 digit.) For example, where the ratios of various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by shifts in product mix. It should be noted that for those industries in which a production process results in the manufacture of byproducts or other similarly higher correlated products which are separate product classes in the census, the degree of specialization in each of the product classes tends to be somewhat lower.

Differences in the degree of integration of production processes within establishments are often more important than the element of product mix. A partial measure of differences arising from this factor can be derived for some industries through the metalworking operations or other equipment data. For some other industries, data on the production and use of products within the same establishments may be used as an approximate measure (see also discussion in section 7, Industry Classification of Establishments).

### 32. Imputation of Data

Each "key" census total called for on the standard forms had its counterpart in the various short forms. The short forms, however, did not require the detailed distribution of such totals (see section 9, The Census Report Forms). It was necessary, therefore, to impute figures for these missing detail items in order to publish "universe" totals of manufacturing activity.



Imputation of missing items was made feasible by use of the Census Bureau's high speed electronic computer. The procedures for imputation were of two types. For short form respondents production workers and production worker wages were imputed from fixed ratios specified in advance from historical relationships of these items to total employees and total payroll. For other items to be imputed (for example, the breakdown of total capital expenditures to expenditures on structures, etc.), the imputation was made by a randomizing process in which similar establishments (same industry and size class) were used in deriving the ratios needed for imputation of the detailed data.

For industries characterized by establishments of some size, the percentage of imputation of general measures such as employment and payrolls, cost of materials, inventories, expenditures, and the like is negligible; for the industries in which small establishments account for a significant portion of the total, the percent may go as high as 10 or 25, but this occurs only in a handful of industries. Of the various statistics, man-hours worked tended to have a higher degree of imputation than the other items due to difficulties in reporting those data by small and medium-size establishments.

The major exceptions to the imputation procedure for missing data were the detailed products and materials, metalworking operations, and equipment inquiries. The value of products and the cost of materials, parts, supplies and containers for establishments not reporting the detailed inquiries were treated as "unspecified" materials or products in the appropriate tables. For metalworking operations and equipment, the statistics were based on establishments reporting data, with appropriate measures of coverage shown in the tables.

### 33. Confidentiality of Data for Individual Companies

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In the 1958 Census, as in 1947 and 1954, preference was given to geographic regions and divisions over individual States in applying disclosure rules; similarly, States took precedence over standard metropolitan areas, while such areas were given preference over counties, and counties over cities. In tables showing industry detail, major industry group (2-digit) totals were given preference over industry group (3-digit) totals which, in turn, had precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings took precedence over 5-digit product classes; the latter were given precedence over individual 7-digit products.

Such order-of-precedence was used because (1) it was considered preferable to show regional data for an industry, even at the cost of withholding data for another (usually the least important) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is increased.

For each producing State not shown separately in table 2 of the Industry Volume, a footnote gives the number of establishments and either an employment range or the actual employment figure. The employment is shown in a range if the State had less than 1,000 employees, and the employment data represented the total for only one or two companies, or if the exact figure would permit deriving (by subtraction) the number of employees in other States represented by only one or two companies. In addition, figures for States with less than 100 employees are shown only in the footnote together with the number of establishments and employment in a range.

In the Area Volume, figures are not shown for a county or for an industry within a State, metropolitan area, or principal industrial county if the publication of such statistics would disclose information for individual companies. In table 3 of that Volume, however, the number of establishments is shown for every county and the number of employees for most counties represented by three or more companies. Moreover, all counties having manufacturing establishments are included in table 7, showing for each county the distribution by employment size of establishments in each major industry group.

For industries with few establishments or considerable geographic concentration, it has frequently been necessary to use geographic regions broader than the traditional nine census divisions in order to show all plants by some geographic grouping. For this purpose the following combinations of Census divisions have been used:

NORTHEAST	SOUTH
New England	South Atlantic
Middle Atlantic	East South Central
	West South Central
NORTH CENTRAL	WEST
East North Central	Mountain
West North Central	Pacific

### 34. Abbreviations

The following abbreviations and symbols occur frequently in tables and footnotes:

...	zero
xxx	Not applicable
NA	Not available
n.e.c.	Not elsewhere classified
lin.	linear
equiv.	equivalent
hp	horsepower
kwh	kilowatt-hours
D	Withheld to avoid disclosing figures for individual companies
SIC	Standard Industrial Classification
n.s.k.	Not specified by kind

Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."







# GENERAL SUMMARY

1-1







## GENERAL SUMMARY

1-3

Table 1.—General Statistics for Operating Manufacturing Establishments in the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Year <sup>1</sup>	Establishments, number		Proprietors and partners (number)	All employees <sup>2 3</sup>		Production workers			Value added by manufacture adjusted <sup>5</sup> (\$1,000)	Capital expendi- tures, new <sup>6</sup> (\$1,000)	Index of physical produc- tion 1947=100
	Total	With 20 or more employees		Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Man-hours (1,000)	Wages (\$1,000)			
1958.....	298,182	95,061	185,148	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297	9,075,759	<sup>7</sup> 140
1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,621,140	76,314,635	12,838,889	25,208,002	52,569,022	147,838,425	11,408,069	<sup>7</sup> 151
1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,694,433	74,015,123	13,131,313	26,088,501	52,040,794	144,909,346	10,737,861	<sup>7</sup> 151
1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,335,526	69,096,569	12,954,392	25,898,324	49,217,925	135,022,505	7,853,494	<sup>7</sup> 146
1954.....	286,814	90,470	197,850	15,645,491	62,962,664	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	128
1953 <sup>8</sup> .....	285,000	(NA)	(NA)	16,693,076	66,492,872	13,500,934	27,065,569	48,979,102	121,659,136	7,541,606	<sup>7</sup> 139
1952 <sup>8</sup> .....	267,000	(NA)	(NA)	15,732,722	59,598,225	12,706,032	25,617,613	43,763,640	109,162,079	7,525,923	<sup>7</sup> 128
1951 <sup>8</sup> .....	262,000	(NA)	(NA)	15,309,638	54,741,463	12,508,914	25,263,764	40,654,832	102,085,814	7,205,059	<sup>7</sup> 123
1950 <sup>8</sup> .....	260,000	(NA)	(NA)	14,467,149	46,642,786	11,778,803	23,716,536	34,600,025	89,749,765	5,041,299	<sup>7</sup> 114
1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	13,566,949	41,482,008	11,016,301	21,769,728	30,253,971	75,366,527	5,066,941	<sup>7</sup> 98
1947.....	240,807	(NA)	188,948	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	100
1939 <sup>9</sup> .....	173,802	(NA)	<sup>10</sup> 123,655	<sup>11</sup> 9,527,306	<sup>12</sup> 12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	57
1937.....	166,794	(NA)	99,268	9,786,402	12,829,749	8,569,231	(NA)	10,112,883	25,173,539	(NA)	58
1935.....	167,916	(NA)	81,521	8,262,295	9,564,754	7,203,794	(NA)	7,311,329	18,552,553	(NA)	46
1933.....	139,325	(NA)	72,267	<sup>12</sup> 6,557,925	<sup>16</sup> 6,237,800	5,787,611	(NA)	4,940,146	14,007,540	(NA)	35
1931.....	171,450	(NA)	(NA)	(NA)	(NA)	6,163,144	(NA)	6,688,541	18,600,532	(NA)	40
1929.....	206,663	(NA)	132,686	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	56
1927.....	187,629	(NA)	132,151	9,072,052	13,123,135	7,848,070	(NA)	10,099,465	26,325,394	(NA)	49
1925.....	183,877	(NA)	132,971	9,142,417	12,957,707	7,871,409	(NA)	9,979,649	25,667,624	(NA)	46
1923.....	192,096	(NA)	147,958	9,474,658	12,996,460	8,194,170	(NA)	10,148,624	24,569,487	(NA)	43
1921.....	192,059	(NA)	172,291	7,557,364	9,870,199	6,475,474	(NA)	7,451,299	17,252,775	(NA)	30
1919.....	270,231	(NA)	249,865	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	34
1914.....	268,436	(NA)	258,560	7,514,186	5,015,977	6,602,287	(NA)	3,782,322	9,385,622	(NA)	29
1909.....	264,810	(NA)	272,421	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	24
1904.....	213,444	(NA)	225,115	5,674,957	2,990,937	5,181,660	(NA)	2,440,851	6,019,171	(NA)	19
1899.....	204,754	(NA)	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	15
1899 <sup>13</sup> .....	509,490	(NA)	(NA)	5,478,301	2,595,566	5,097,562	(NA)	2,206,547	5,474,892	(NA)	(NA)
1889.....	353,864	(NA)	(NA)	4,586,494	2,209,058	4,129,355	(NA)	1,820,854	4,102,301	(NA)	(NA)
1879.....	253,852	(NA)	(NA)	(NA)	(NA)	2,732,595	(NA)	947,954	1,972,756	(NA)	(NA)
1869.....	252,148	(NA)	(NA)	(NA)	(NA)	2,053,996	(NA)	620,467	1,395,119	(NA)	(NA)
1859.....	140,433	(NA)	(NA)	(NA)	(NA)	1,311,246	(NA)	378,879	854,257	(NA)	(NA)
1849.....	123,025	(NA)	(NA)	(NA)	(NA)	957,059	(NA)	236,755	463,983	(NA)	(NA)

NA Not available.

<sup>1</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939-1957, but are included for 1929 and earlier years. The 1954-1958 figures include data for establishments engaged in the processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in the figures for earlier Census years. In addition, the 1958 and 1954 Census and the Annual Survey figures include data for Logging camps and contractors, Industry 2411, which were not included within the scope of the 1947 Census. There were also a number of changes in the definition of manufacturing industries during earlier Census years that affect the comparability of the historical series. Among the more important of these were: Figures for 1935 and later years exclude data for "Railroad repair shops" and "Manufactured gas" which were included in 1899-1933 figures; the minimum size of establishment included for 1947-1958 was 1 employee, for 1921-1939 manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

<sup>2</sup>The figures for 1939-1958 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known.

<sup>3</sup>In addition to the employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company. These figures were collected by the Bureau of the Census for 1958 and 1954. They are shown in table 2.

<sup>4</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>5</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. For 1849-1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

<sup>6</sup>Does not include expenditures for plants under construction and not yet in operation. Figures for recent years for such capital expenditures are included in the expenditure section.

<sup>7</sup>Based on data shown in "Industrial Production-1959 Revision," page S-69, issued by the Board of Governors of the Federal Reserve System.

<sup>8</sup>Data for 1949 thru 1953 and 1955 thru 1957 are estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Surveys of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for these periods.

<sup>9</sup>The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

<sup>10</sup>Not revised to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947.

<sup>11</sup>The 1939 figures for "all employees" were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: for number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

<sup>12</sup>Not including data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

<sup>13</sup>These figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.



## GENERAL SUMMARY

Table 2.—Manufacturing Employment in the United States: 1958 and 1954

(For explanation of column captions see Introduction)

Code	Major industry group and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
		Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
	All industries, total:						
	1958.....	15,995,814	78,217,644	15,393,766	73,749,749	602,048	4,467,895
	1954.....	16,098,653	65,866,573	15,645,491	62,962,664	453,162	2,903,909
20	Food and kindred products:						
	1958.....	1,761,816	7,994,060	1,698,814	7,553,284	63,002	440,776
	1954.....	1,709,106	6,560,408	1,646,591	6,200,099	62,515	360,309
21	Tobacco products:						
	1958.....	91,856	341,041	84,467	294,650	7,389	46,391
	1954.....	100,466	291,890	94,863	259,689	5,603	32,201
22	Textile mill products:						
	1958.....	916,987	3,043,178	901,677	2,938,140	15,310	105,038
	1954.....	1,049,900	3,110,751	1,037,440	3,032,490	12,460	78,261
23	Apparel and related products:						
	1958.....	1,187,840	3,635,106	1,180,517	3,585,646	7,323	49,460
	1954.....	1,195,779	3,236,141	1,190,064	3,201,795	5,715	34,346
24	Lumber and wood products:						
	1958.....	586,753	2,019,009	581,302	1,986,109	5,451	32,900
	1954.....	650,409	1,962,582	645,936	1,933,523	4,473	29,059
25	Furniture and fixtures:						
	1958.....	350,585	1,410,862	347,599	1,388,669	2,986	22,193
	1954.....	342,443	1,210,685	340,694	1,197,376	1,749	13,309
26	Paper and allied products:						
	1958.....	578,134	2,945,416	555,398	2,779,885	22,736	165,531
	1954.....	540,425	2,286,080	527,710	2,204,670	12,715	81,410
27	Printing and publishing:						
	1958.....	872,502	4,529,128	864,101	4,479,679	8,401	49,449
	1954.....	808,945	3,650,757	803,482	3,619,479	5,463	31,278
28	Chemicals and allied products:						
	1958.....	784,927	4,607,754	699,166	3,947,175	85,761	660,579
	1954.....	795,878	3,782,772	733,896	3,376,959	61,982	405,813
29	Petroleum and coal products:						
	1958.....	245,336	1,643,660	179,166	1,116,673	66,170	526,987
	1954.....	230,965	1,285,271	183,339	953,235	47,626	332,036
30	Rubber and plastics products, nec:						
	1958.....	335,655	1,783,107	347,842	1,723,295	7,813	59,812
	1954.....	252,456	1,102,979	246,526	1,959,337	5,930	43,642
31	Leather and leather products:						
	1958.....	359,107	1,196,464	349,050	1,145,683	10,057	50,781
	1954.....	365,334	1,065,196	356,578	1,027,314	8,756	37,882
32	Stone, clay and glass products:						
	1958.....	575,717	2,759,639	554,042	2,594,971	21,675	164,668
	1954.....	504,436	2,023,427	491,814	1,938,085	12,622	85,342
33	Primary metal industries:						
	1958.....	1,135,577	6,638,899	1,096,359	6,303,447	39,218	335,452
	1954.....	1,187,127	5,508,991	1,152,220	5,260,101	34,907	248,890
34	Fabricated metal products:						
	1958.....	1,089,028	5,629,106	1,057,986	5,412,405	31,042	216,701
	1954.....	1,040,123	4,535,400	1,019,406	4,397,337	20,717	138,063
35	Machinery, except electrical:						
	1958.....	1,385,494	7,574,591	1,348,245	7,303,661	37,249	270,930
	1954.....	1,573,851	7,389,954	1,540,746	7,186,233	33,105	203,721

See footnotes at end of table.



Table 2.—Manufacturing Employment in the United States: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Code	Major industry group and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
		Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
36	Electrical machinery:						
	1958.....	1,198,926	6,168,026	1,122,284	5,605,985	76,642	562,041
	1954.....	1,004,532	4,229,300	959,126	3,950,994	45,406	278,306
37	Transportation equipment:						
	1958.....	1,635,881	9,759,831	1,557,759	9,164,581	78,122	595,250
	1954.....	1,765,891	8,697,898	1,705,501	8,300,103	60,390	397,795
38	Instruments and related products:						
	1958.....	304,336	1,632,752	296,558	1,578,481	7,778	54,271
	1954.....	277,895	1,234,017	272,586	1,200,323	5,309	33,694
39	Miscellaneous manufacturing: <sup>3</sup>						
	1958.....	579,357	2,906,015	571,434	2,847,330	7,923	58,685
	1954.....	702,692	2,702,074	696,973	2,663,522	5,719	38,552

<sup>1</sup>The 1958 and 1954 data for central administrative offices and auxiliaries are not strictly comparable for the following reasons: (1) better total coverage was achieved in the 1958 Census in identifying and obtaining separate establishment reports for such activities; (2) the individual 1954 major industry group totals reflect the former Standard Industrial Classification system (of 1945) used in the 1954 Census, while the 1958 figures reflect the revised SIC system (of 1957) used in classifying such establishments.

<sup>2</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishments of a company. A separate report was usually obtained for each central office or auxiliary unit if it was located at a different location from the manufacturing establishment(s) served or if it serviced 2 or more manufacturing establishments and was not operated as an integral part of the establishment at the same location.

<sup>3</sup>Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.



## GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,  
(For explanation of column captions see Introduction. For a complete description and more detailed information

Code	Industry group and industry	1958									
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
	All industries, total <sup>7</sup> .....	(NA)	298,182	95,061	185,148	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297
20	Food and kindred products <sup>8</sup> .....	(NA)	41,619	14,760	27,272	1,698,814	7,553,284	1,137,621	2,282,823	4,502,056	17,532,558
21	Tobacco products.....	(NA)	504	280	247	84,467	294,650	76,306	146,992	247,842	1,413,460
22	Textile mill products <sup>8</sup> .....	(NA)	7,675	4,617	2,666	901,677	2,938,140	810,490	1,568,004	2,408,291	4,857,638
23	Apparel and related products <sup>8</sup> ....	(NA)	29,297	13,008	18,959	1,180,517	3,585,646	1,031,784	1,836,564	2,770,570	6,003,853
24	Lumber and wood products.....	(NA)	37,789	5,884	38,072	581,302	1,986,109	505,476	959,935	1,624,983	3,176,613
25	Furniture and fixtures <sup>8</sup> .....	(NA)	10,160	3,175	6,477	347,599	1,388,669	287,489	565,142	1,021,844	2,349,488
26	Paper and allied products.....	(NA)	5,271	3,224	1,360	555,398	2,779,885	448,529	934,371	2,038,997	5,707,474
27	Printing and publishing.....	(NA)	35,368	6,836	24,875	864,101	4,479,679	529,504	995,923	2,590,865	7,922,962
28	Chemicals and allied products <sup>8</sup> ...	(NA)	11,309	3,751	3,072	699,166	3,947,175	453,411	908,824	2,244,318	12,270,371
29	Petroleum and coal products <sup>8</sup> .....	(NA)	1,608	653	334	179,166	1,116,673	130,508	255,962	758,422	2,518,424
30	Rubber and plastics products, nec <sup>8</sup>	(NA)	4,462	1,827	1,528	347,842	1,723,295	270,500	530,976	1,211,372	3,276,612
31	Leather and leather products <sup>8</sup> ....	(NA)	4,534	2,225	2,115	349,050	1,145,683	310,048	565,874	912,024	1,897,465
32	Stone, clay and glass products...	(NA)	15,022	4,478	8,701	554,042	2,594,971	445,866	883,823	1,933,949	5,528,952
33	Primary metal industries <sup>8</sup> .....	(NA)	6,446	3,411	2,282	1,096,359	6,303,447	886,594	1,676,937	4,713,971	11,671,341
34	Fabricated metal products <sup>8</sup> .....	(NA)	24,782	8,312	12,691	1,057,986	5,412,405	812,587	1,603,453	3,724,130	9,412,183
35	Machinery, except electrical <sup>8</sup> ....	(NA)	29,839	7,360	18,041	1,348,245	7,303,661	949,132	1,852,822	4,646,579	12,391,190
36	Electrical machinery <sup>8</sup> .....	(NA)	8,091	3,799	2,301	1,122,284	5,605,985	808,621	1,589,497	3,509,746	10,395,369
37	Transportation equipment <sup>8</sup> .....	(NA)	6,607	2,662	3,322	1,557,759	9,164,581	1,134,640	2,266,224	6,019,960	15,283,694
38	Instruments & related products <sup>8</sup> ...	(NA)	3,526	1,193	1,449	296,558	1,578,481	202,373	398,744	921,498	2,906,390
39	Miscellaneous manufacturing <sup>8 10</sup> ...	(NA)	14,273	3,606	9,384	571,434	2,847,330	412,734	810,283	1,702,441	4,754,260
20	Food and kindred products <sup>8</sup> ...	(NA)	41,619	14,760	27,272	1,698,814	7,553,284	1,137,621	2,282,823	4,502,056	17,532,558
201	Meat products <sup>8</sup> .....	(NA)	5,528	2,067	4,334	311,758	1,465,624	243,389	487,275	1,061,888	2,499,233
2011	Meat packing plants.....	2,646	2,801	977	2,367	200,783	1,067,896	150,786	308,991	768,096	1,746,603
2013	Prepared meats <sup>8</sup> .....	1,430	1,494	496	1,038	48,586	236,915	36,460	74,096	161,807	442,058
2015	Poultry dressing plants.....	1,095	1,233	594	929	62,389	160,813	56,143	104,188	131,985	310,572
202	Dairy products.....	(NA)	9,879	3,315	6,371	293,802	1,346,026	142,034	297,110	580,177	2,866,779
2021	Creamery butter.....	990	1,058	228	334	17,295	62,875	12,294	25,561	42,314	147,207
2022	Natural cheese.....	1,026	1,203	160	802	13,461	49,389	11,152	22,710	39,092	109,098
2023	Condensed and evaporated milk...	161	313	202	55	13,445	61,443	10,758	23,237	46,547	202,709
2024	Ice cream and frozen desserts...	1,167	1,382	454	872	34,562	153,042	18,583	37,511	72,172	393,037
2025	Special dairy products.....	97	107	35	50	3,571	13,600	2,968	5,775	10,746	23,923
2026	Fluid milk <sup>8</sup> .....	5,157	5,816	2,236	4,258	211,468	1,005,677	86,279	182,316	369,306	1,990,805
203	Canned and frozen foods <sup>8</sup> .....	(NA)	3,693	1,908	1,890	223,323	741,856	192,697	365,924	570,617	1,895,705
2031	Canned and cured seafoods.....	303	333	168	200	14,713	46,129	13,254	21,077	37,416	110,242
2032	Canned specialties.....	93	107	69	30	24,186	109,479	19,496	41,562	81,397	134,847
2033	Canned fruits and vegetables...	1,315	1,607	913	705	100,084	319,694	88,091	168,480	252,711	118,036
2034	Dehydrated fruits & vegetables...	130	161	67	86	7,599	28,338	6,638	12,791	21,791	75,529
2035	Pickles and sauces.....	566	619	205	409	19,500	70,494	15,623	29,792	48,511	116,624
2036	Fresh or frozen packaged fish...	429	440	223	344	17,469	40,918	15,457	25,958	31,933	118,368
2037	Frozen fruits and vegetables...	347	426	263	116	39,772	126,804	34,138	66,274	96,858	132,789
204	Grain mill products.....	(NA)	3,484	1,097	2,115	118,984	575,775	83,863	178,010	375,060	1,855,693
2041	Flour and meal.....	703	814	250	621	28,215	140,121	20,519	44,111	96,165	393,053
2042	Prepared animal feeds.....	2,016	2,379	715	1,394	57,313	252,346	38,010	81,406	151,819	798,892
2043	Cereal preparations.....	23	43	25	10	10,927	61,902	8,490	16,803	44,101	243,088
2044	Rice milling.....	61	72	51	23	3,843	14,286	2,903	5,982	8,976	53,152
2045	Blended and prepared flour.....	112	117	30	45	4,894	28,353	3,556	7,467	17,664	118,073
2046	Wet corn milling.....	53	59	26	22	13,792	78,767	10,385	22,241	56,335	249,435
205	Bakery products.....	(NA)	6,319	2,352	5,379	301,296	1,333,630	179,600	358,791	695,080	2,634,310
2051	Bread and related products.....	5,305	5,985	2,149	5,242	256,963	1,154,240	145,393	290,460	572,636	2,111,820
2052	Biscuit and crackers.....	280	334	203	137	44,333	179,390	34,207	68,331	122,444	522,490
206	Sugar.....	(NA)	144	135	20	28,548	142,567	23,424	52,112	112,089	337,058
2061	Raw cane sugar.....	45	50	44	20	3,011	9,388	2,581	5,844	7,498	21,841
2062	Cane sugar refining.....	16	28	25	...	15,213	83,962	11,807	25,321	63,371	184,824
2063	Beet sugar.....	15	66	66	...	10,324	49,217	9,036	20,947	41,220	130,393
207	Candy and related products.....	(NA)	1,444	461	991	80,010	299,030	64,507	125,177	209,647	749,066
2071	Confectionery products.....	1,327	1,390	421	987	66,395	236,685	54,237	104,716	168,057	511,688
2072	Chocolate and cocoa products...	26	28	25	...	8,271	38,427	6,492	13,193	27,510	135,098
2073	Chewing gum.....	24	26	15	4	5,344	23,918	3,778	7,268	14,080	102,280
208	Beverages.....	(NA)	5,558	1,928	2,979	206,197	1,041,366	115,114	225,706	534,620	2,835,661
2082	Malt liquors.....	211	258	224	9	71,494	442,321	47,894	91,500	279,559	1,114,590
2083	Malt.....	32	46	34	6	2,404	16,338	1,802	3,556	10,910	55,087
2084	Wines and brandy.....	216	239	73	117	5,941	29,029	4,319	8,638	17,659	114,242
2085	Distilled liquor except brandy...	88	122	91	9	20,528	102,619	16,629	32,207	73,870	114,444
2086	Bottled and canned soft drinks...	3,994	4,362	1,411	2,632	96,347	401,713	39,164	79,328	130,339	844,688
2087	Flavorings.....	502	531	95	206	9,483	49,346	5,306	10,477	22,283	262,223

See footnotes at end of table.



1-7

relating to each industry, refer to the Industry Chapters, Volume II, 1958 Census of Manufactures)

1958—Continued				1954											Code	
Value of shipments (\$1,000)	Capital expenditures, new <sup>3</sup> (\$1,000)	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted <sup>2</sup> (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)		
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll (\$1,000)							
(6)	9,075,759	(NA)	(NA)	(NA)	286,814	90,470	197,850	15,645,491	62,962,664	117,032,326	(6)	7,816,752	(NA)	(NA)		
(6)	964,624	(NA)	(NA)	(NA)	42,373	13,648	30,738	1,646,591	6,200,099	13,766,995	(6)	787,649	(NA)	(NA)	20	
(6)	38,069	(NA)	(NA)	(NA)	627	291	376	94,863	259,689	1,004,056	(6)	28,018	(NA)	(NA)	21	
(6)	211,744	(NA)	(NA)	(NA)	8,054	4,846	3,060	1,027,802	2,988,894	4,605,985	(6)	219,562	(NA)	(NA)	22	
(6)	89,450	(NA)	(NA)	(NA)	31,372	13,280	23,044	1,190,064	3,201,795	5,165,547	(6)	76,552	(NA)	(NA)	23	
(6)	276,893	(NA)	(NA)	(NA)	41,484	6,387	41,987	645,936	1,933,523	3,241,606	(6)	217,361	(NA)	(NA)	24	
(6)	81,746	(NA)	(NA)	(NA)	10,273	3,012	7,323	340,694	1,197,376	1,997,506	(6)	61,945	(NA)	(NA)	25	
(6)	618,488	(NA)	(NA)	(NA)	5,004	3,177	1,360	527,710	2,204,670	4,630,153	(6)	532,723	(NA)	(NA)	26	
(6)	408,610	(NA)	(NA)	(NA)	32,530	6,054	24,329	803,482	3,619,479	6,403,088	(6)	236,897	(NA)	(NA)	27	
(6)	1,115,806	(NA)	(NA)	(NA)	11,074	3,959	3,523	733,896	3,376,959	9,546,908	(6)	926,610	(NA)	(NA)	28	
(6)	671,926	(NA)	(NA)	(NA)	1,262	592	281	183,339	953,235	2,240,876	(6)	673,883	(NA)	(NA)	29	
(6)	196,896	(NA)	(NA)	(NA)	3,845	1,482	1,596	338,493	1,409,564	2,552,789	(6)	173,721	(NA)	(NA)	30	
(6)	31,736	(NA)	(NA)	(NA)	4,845	2,267	2,565	356,578	1,027,314	1,640,804	(6)	28,053	(NA)	(NA)	31	
(6)	442,286	(NA)	(NA)	(NA)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(9)	(NA)	(NA)	32	
(6)	1,427,619	(NA)	(NA)	(NA)	6,170	3,388	2,455	1,169,331	5,329,532	9,899,138	(6)	918,967	(NA)	(NA)	33	
(6)	458,397	(NA)	(NA)	(NA)	22,042	7,382	13,465	1,060,431	4,605,409	8,021,147	(6)	447,567	(NA)	(NA)	34	
(6)	676,419	(NA)	(NA)	(NA)	31,619	10,214	18,895	2,441,736	10,859,724	18,981,289	(6)	1,030,586	(NA)	(NA)	35	
(6)	449,925	(NA)	(NA)	(NA)		5,349	2,318	2,976	1,705,501	8,300,103	13,428,014	(6)	924,898	(NA)	(NA)	36
(6)	608,273	(NA)	(NA)	(NA)		3,141	984	1,635	272,586	1,200,323	2,130,958	(6)	94,008	(NA)	(NA)	37
(6)	123,621	(NA)	(NA)	(NA)		14,588	3,856	10,399	614,644	2,356,891	3,909,238	(6)	137,098	(NA)	(NA)	38
(6)	183,231	(NA)	(NA)	(NA)	42,373	13,648	30,738	1,646,591	6,200,099	13,766,995	(6)	787,649	(NA)	(NA)	39	
(6)	964,624	(NA)	(NA)	(NA)	4,992	1,861	4,180	311,366	1,234,617	1,938,307	(6)	91,362	(NA)	(NA)	20	
(6)	104,736	(NA)	(NA)	(NA)	2,228	2,367	2,021	220,194	942,970	1,397,175	(6)	64,976	(NA)	(NA)	201	
11,962,273	63,129	98	88	2,228	2,367	933	990	44,997	186,939	333,751	10,265,319	15,617	98	28	2011	
2,066,257	17,028	97	33	1,254	1,316	435	(*)	(*)	(*)	(*)	1,541,072	15,617	98	28	2013	
1,888,166	24,579	98	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2015	
(6)	200,971	(NA)	(NA)	(NA)	11,503	3,171	8,682	283,431	1,086,291	2,302,546	(6)	163,123	(NA)	(NA)	202	
1,023,460	15,309	70	80	1,172	1,262	248	431	21,019	65,601	142,399	1,013,797	13,566	74	77	2021	
684,248	12,884	89	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2022	
820,649	12,746	84	69	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2023	
946,504	26,057	94	71	1,375	1,587	477	1,072	36,488	134,171	335,430	773,491	25,733	93	70	2024	
189,366	1,509	90	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2025	
6,412,333	132,466	90	95	6,250	6,689	2,011	6,001	191,397	767,045	1,514,589	4,866,448	98,910	82	94	2026	
(6)	100,197	(NA)	(NA)	(NA)	3,513	1,782	2,051	199,238	573,057	1,374,088	(6)	75,727	(NA)	(NA)	203	
11325,088	2,524	95	91	(NA)	329	174	233	16,857	42,771	1105,289	11304,798	2,729	96	94	2031	
11846,881	16,409	86	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2032	
12,227,041	40,131	89	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2033	
273,286	6,686	97	93	119	148	64	92	7,011	22,026	56,039	194,524	3,421	95	97	2034	
11525,309	11,197	81	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2035	
11307,399	3,637	93	96	288	295	135	245	12,200	27,190	1148,729	11176,766	2,813	94	95	2036	
11,025,897	19,613	88	91	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2037	
(6)	112,597	(NA)	(NA)	(NA)	3,410	1,085	2,281	123,507	494,888	1,466,926	(6)	81,737	(NA)	(NA)	204	
2,086,706	22,109	93	85	692	803	260	555	28,969	119,844	330,634	2,002,227	15,240	94	84	2041	
3,238,414	54,863	97	91	2,037	2,292	685	1,606	59,890	225,199	629,963	2,981,435	36,812	95	90	2042	
444,132	7,521	80	81	37	46	27	6	11,534	51,002	177,171	365,728	4,403	77	80	2043	
312,061	1,442	100	100	65	80	58	28	3,964	13,367	44,304	273,770	3,538	99	100	2044	
279,364	8,606	68	38	123	131	34	62	5,585	25,446	106,132	267,175	5,353	71	45	2045	
528,530	18,056	91	96	54	58	21	24	13,565	60,030	178,722	458,442	16,391	91	96	2046	
(6)	114,742	(NA)	(NA)	(NA)	6,414	2,146	5,745	291,100	1,124,426	2,056,946	(6)	89,630	(NA)	(NA)	205	
4,098,612	99,240	98	99	5,470	6,103	2,024	5,540	246,337	973,546	1,636,810	3,345,200	75,725	98	99	2051	
980,780	15,502	97	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2052	
(6)	34,114	(NA)	(NA)	(NA)	137	131	21	30,166	117,834	264,761	(6)	19,123	(NA)	(NA)	206	
72,553	1,815	97	100	43	49	43	21	3,078	8,949	17,640	64,715	2,659	1296	97	2061	
997,288	24,329	100	100	16	23	23	...	16,068	66,431	133,380	866,835	10,553	12100	100	2062	
392,212	7,970	100	100	15	65	65	...	11,019	42,453	113,741	300,951	5,910	12100	10	2063	
(6)	32,080	(NA)	(NA)	(NA)	1,490	486	1,078	80,425	254,988	609,853	(6)	21,272	(NA)	(NA)	207	
1,277,955	24,730	96	96	(NA)	1,434	446	1,074	66,799	201,706	431,883	1,034,955	13,399	97	96	2071	
447,156	4,129	98	87	27	28	24	3	8,465	33,133	85,741	433,632	3,636	98	89	2072	
175,941	3,221	92	96	27	28	16	1	5,161	20,149	92,227	159,036	4,235	1295	98	2073	
(6)	150,915	(NA)	(NA)	(NA)	5,942	1,822	3,565	213,387	912,737	2,468,333	(6)	183,243	(NA)	(NA)	208	
1,982,664	62,395	100	100	263	301	266	13	81,346	420,546	1,106,303	1,870,769	114,534	100	100	2082	
195,327	3,131	100	98	35	45	34	5	2,603	14,627	50,312	203,614	3,257	100	100	2083	
(6)	6,526	(12)	1296	244	262	66	135	5,724	23,258	100,394	(6)	2,216	1290	96	2084	
11927,992	9,908	98	100	98	133	97	15	21,505	89,367	11338,403	11754,643	8,863	99	100	2085	
1,512,612	63,440	98	98	...	4,643	1,250	3,166	91,616	319,879	651,151	1,189,254	47,731	98	99	2086	
512,607	5,515	90	83	530	558	109	231	10,593	45,060	221,756	459,433	6,642	91	87	2087	



Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
209	Food & kindred products—Con.	(NA)	5,570	1,497	3,193	135,140	607,410	92,993	192,718	362,878	1,859,053
2091	Other food preparations.....	125	124	163	17	8,355	31,223	6,310	14,899	20,006	63,587
2092	Cottonseed oil mills.....	82	117	83	18	8,095	41,909	5,742	12,828	27,067	139,612
2093	Soybean oil mills.....	38	46	20	14	2,252	12,525	1,794	3,861	9,544	42,066
2094	Vegetable oil mills, nec.....	461	539	173	310	12,384	60,095	9,009	19,851	40,327	127,120
2095	Grease and tallow.....	71	78	37	17	2,191	7,774	1,899	3,777	6,046	24,475
2096	Animal oils, nec.....	62	105	80	11	12,489	70,993	8,569	18,414	44,196	221,519
2097	Shortening and cooking oils....	1,099	1,570	170	916	14,557	52,498	8,996	18,911	31,060	107,527
2098	Manufactured ice.....	205	214	76	179	6,825	27,910	4,930	9,597	16,445	67,130
2099	Macaroni and spaghetti.....	2,415	2,687	695	1,711	67,992	302,483	45,744	90,580	168,187	1,066,017
21	Food preparations, nec.....	(NA)	504	280	247	84,467	294,650	76,306	146,992	247,842	1,413,460
2111	Tobacco products.....	12	19	16	1	33,832	142,413	31,037	60,567	125,765	<sup>11</sup> 1,058,554
2121	Cigarettes.....	247	283	114	204	29,350	81,882	27,048	49,894	70,077	<sup>11</sup> 183,140
2131	Cigars.....	52	58	28	23	6,348	23,693	5,319	9,967	17,470	<sup>11</sup> 86,188
2141	Chewing and smoking tobacco....	64	144	122	19	14,937	46,662	12,902	26,564	34,530	<sup>11</sup> 85,578
22	Tobacco stemming and redrying....	(NA)	7,675	4,617	2,666	901,677	2,938,140	810,490	1,568,004	2,408,291	4,857,638
2211	Textile mill products <sup>8</sup> .....	325	496	395	63	243,419	724,481	228,609	443,255	646,678	1,078,592
2221	Weaving mills, cotton.....	324	401	310	78	81,688	276,655	74,452	150,649	233,965	468,583
2231	Weaving, finishing mills, wool....	411	469	311	144	55,952	206,094	49,053	98,662	166,189	336,618
2241	Narrow fabric mills.....	453	488	242	163	24,587	85,923	21,534	42,592	65,225	142,638
225	Knitting mills.....	(NA)	2,786	1,704	1,323	213,346	649,773	190,232	349,121	520,063	1,101,375
2251	Full-fashioned hosiery mills...	390	432	241	204	33,687	103,998	30,119	56,143	86,226	172,996
2252	Seamless hosiery mills.....	611	659	489	364	69,483	177,104	64,438	112,878	151,762	290,825
2253	Knit outerwear mills.....	1,114	1,123	633	572	60,672	203,998	52,608	97,557	154,804	<sup>11</sup> 339,914
2254	Knit underwear mills.....	132	140	122	38	27,918	81,183	24,613	45,369	64,448	<sup>11</sup> 135,703
2256	Knit fabric mills.....	336	357	181	112	18,356	73,871	15,689	32,301	55,693	147,394
2259	Knitting mills, nec.....	71	75	38	33	3,230	9,619	2,765	4,873	7,130	<sup>11</sup> 14,543
226	Textile finishing, except wool...	(NA)	798	385	208	73,205	292,977	62,573	129,535	229,358	455,945
2261	Finishing plants, cotton.....	426	446	174	144	49,212	189,866	42,105	86,510	149,247	289,115
2262	Finishing plants, synthetics....	185	197	132	26	16,185	74,297	13,650	29,296	57,615	114,825
2269	Finishing plants, nec.....	149	155	79	38	7,808	28,814	6,818	13,729	22,496	52,005
227	Floor covering mills.....	(NA)	282	172	124	33,668	123,269	28,369	56,634	92,057	260,466
2271	Woven carpets and rugs.....	60	69	47	24	18,151	74,395	14,969	30,267	55,053	128,444
2272	Tufted carpets and rugs.....	88	92	72	33	11,528	36,313	9,880	19,532	26,936	108,846
2279	Carpets and rugs, nec.....	121	121	53	67	3,989	12,561	3,520	6,835	10,068	23,176
228	Yarn and thread mills.....	(NA)	787	600	155	106,888	307,043	98,541	185,276	258,399	514,044
2281	Yarn mills, except wool.....	268	356	310	42	67,836	179,782	63,864	117,472	157,616	292,219
2282	Throwing and winding mills.....	182	195	119	57	11,862	37,580	10,275	20,265	28,699	67,648
2283	Throwing and winding mills.....	182	195	119	57	11,862	37,580	10,275	20,265	28,699	67,648
2283	Wool yarn mills.....	142	150	122	31	15,977	54,202	14,675	29,057	45,078	91,212
2284	Thread mills.....	70	86	49	25	11,213	35,479	9,727	18,482	27,006	62,965
229	Miscellaneous textile goods.....	(NA)	1,168	498	408	68,924	271,925	57,127	112,280	196,357	499,377
2291	Felt goods, nec.....	61	66	28	18	4,573	21,268	3,625	7,704	15,355	44,443
2292	Lace goods.....	201	208	66	97	6,689	25,764	5,776	10,406	19,452	34,247
2293	Padding and upholstery filling....	177	196	83	81	7,139	29,510	5,854	11,626	20,767	57,303
2294	Processed textile waste.....	181	183	68	80	4,607	17,038	3,811	7,684	11,775	31,100
2295	Coated fabric, not rubberized..	122	126	64	17	10,182	53,980	7,196	15,405	33,761	100,420
2296	Tire cord and fabric.....	12	23	23	...	12,214	36,063	11,322	20,960	32,233	69,844
2297	Scouring and combing plants....	78	81	46	23	6,075	22,663	5,392	11,196	17,904	36,073
2298	Cordage and twine.....	128	147	71	51	9,583	33,134	8,187	15,550	24,662	65,106
2299	Textile goods, nec.....	128	138	49	41	7,862	32,505	5,964	11,749	20,448	60,841
23	Apparel and related products <sup>8</sup>	(NA)	29,297	13,008	18,959	1,180,517	3,585,646	1,031,784	1,836,564	2,770,570	6,003,853
2311	Men's and boys' suits and coats..	1,286	1,365	763	750	122,205	407,986	107,215	184,782	321,525	<sup>11</sup> 642,510
232	Men's and boys' furnishings <sup>8</sup> ....	(NA)	3,120	1,877	1,579	272,460	693,239	247,057	441,369	568,885	1,136,917
2321	Men's dress shirts & nightwear....	738	880	606	309	103,596	254,139	94,609	169,035	210,309	<sup>11</sup> 421,876
2322	Men's and boys' underwear.....	79	91	73	21	12,326	30,285	11,108	19,338	25,111	<sup>11</sup> 51,621
2323	Men's and boys' neckwear.....	362	362	111	265	7,734	26,835	6,177	10,786	17,538	<sup>11</sup> 48,938
2327	Separate trousers.....	719	748	367	500	51,632	134,027	47,229	85,290	109,510	<sup>11</sup> 209,050
2328	Work clothing.....	376	500	396	193	64,780	154,834	59,328	104,481	132,570	<sup>11</sup> 255,481
2329	Men's and boys' clothing, nec..	516	539	324	291	32,392	93,119	28,606	52,439	73,847	<sup>11</sup> 149,951
233	Women's and misses' outerwear....	(NA)	9,751	5,537	5,971	360,009	1,154,007	310,759	544,042	875,352	1,913,626
2331	Blouses.....	1,246	1,260	735	864	47,484	125,581	41,867	72,572	98,251	<sup>11</sup> 200,164
2335	Dresses.....	4,502	4,653	2,899	2,857	184,717	587,976	160,972	279,895	451,817	<sup>11</sup> 970,963
2337	Women's suits, coats & skirts..	2,653	2,683	1,350	1,566	84,145	309,671	70,651	123,278	229,374	<sup>11</sup> 514,901
2339	Women's outerwear, nec.....	1,119	1,155	553	684	43,663	130,779	37,269	68,297	95,910	<sup>11</sup> 227,598
234	Women's undergarments.....	(NA)	1,645	999	762	111,335	321,591	96,571	172,927	237,380	596,248
2341	Women's & children's underwear....	1,170	1,231	720	661	73,527	199,652	65,008	116,788	154,780	<sup>11</sup> 347,705
2342	Corsets and allied garments....	353	414	279	101	37,808	121,939	31,563	56,139	82,600	<sup>11</sup> 248,543

See footnotes at end of table.



## GENERAL SUMMARY

1-9

by Industry Groups and Industries: 1958 and 1954-Continued

1958—Continued				1954												Code
Value of shipments	Capital expenditures, new <sup>3</sup>	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>	Companies, number	Establishments, number		Proprietors and partners	All employees		Value added by manufacture, adjusted <sup>2</sup>	Value of shipments	Capital expenditures, new	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>		
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll							
(\$1,000)	(\$1,000)	(percent)	(percent)				(number)		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)		
(6)	114,272	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(NA)	(NA)	209	
420,649	6,605	92	92	145	286	144	27	13,665	43,103	111,734	592,298	11,680	96	93	2091	
1,080,798	14,668	87	94	55	88	69	1	6,922	29,453	107,218	877,408	8,479	88	96	2092	
314,695	2,032	80	93	(NA)	63	36	16	3,723	14,823	36,654	338,100	3,781	75	85	2093	
328,920	9,375	93	62	427	500	144	339	11,466	46,633	96,625	236,792	8,138	88	55	2094	
60,378	3,370	95	87	58	61	37	17	2,294	8,430	21,813	67,379	4,544	89	66	2095	
1,239,129	12,389	93	90	(NA)	135	81	29	12,024	52,877	227,804	1,154,236	12,449	86	83	2096	
149,552	6,368	99	99	1,430	1,963	252	1,203	20,854	61,811	123,833	170,674	7,761	100	97	2097	
180,190	5,274	97	98	226	233	84	183	7,058	24,278	52,568	154,830	2,469	98	95	2098	
3,432,094	54,191	95	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2099	
(6)	38,069	(NA)	(NA)	(NA)	627	291	376	94,863	259,689	1,004,056	(6)	28,018	(NA)	(NA)	21	
112,159,987	20,490	99	100	12	19	18	...	29,987	103,779	11676,593	11,642,190	20,362	99	100	2111	
11355,048	6,015	100	100	375	410	129	323	38,494	89,259	1168,366	11342,285	2,884	99	100	2121	
11175,770	1,079	98	88	58	65	28	33	7,535	23,372	1179,619	11164,277	1,205	96	89	2131	
11176,710	10,485	100	100	72	133	116	20	18,846	43,278	1179,476	11222,029	3,566	100	99	2141	
(6)	211,744	(NA)	(NA)	(NA)	8,054	4,846	3,060	1,027,802	2,988,894	4,605,985	(6)	219,562	(NA)	(NA)	22	
2,748,584	48,441	94	82	413	582	476	68	296,193	783,011	1,135,365	2,838,312	55,200	95	83	2211	
1,225,509	15,043	85	88	396	478	347	116	89,994	272,872	408,564	1,153,939	12,995	87	89	2221	
929,040	9,702	94	96	(NA)	399	306	83	66,681	229,735	330,385	(6)	13,021	(NA)	(NA)	2231	
301,482	6,307	94	97	489	513	252	222	25,676	79,063	124,013	263,391	4,802	96	94	2241	
(6)	43,618	(NA)	(NA)	(NA)	3,045	1,223	1,608	221,364	597,319	939,816	(6)	39,982	(NA)	(NA)	225	
(6)	6,098	(12)	(12)	716	789	420	409	60,150	178,454	270,779	(6)	7,698	(1290)	(1290)	2251	
597,437	13,519	93	90	566	609	444	306	63,350	135,481	203,156	439,873	12,986	96	93	2252	
11813,577	11,155	91	74	1,081	1,083	529	722	46,403	139,182	11236,495	11578,590	9,853	93	73	2253	
11291,852	5,459	88	35	140	149	133	41	31,262	77,501	11104,739	11261,535	2,982	88	39	2254	
487,185	7,132	94	90	324	340	153	100	16,812	57,878	111,621	379,936	6,214	94	91	2255	
1130,092	(13)	91	18	(NA)	75	44	30	3,384	8,821	1113,026	1128,553	(13)	(NA)	(NA)	2259	
(6)	21,386	(NA)	(NA)	680	725	403	183	79,308	292,324	462,365	998,144	21,900	86	41	226	
686,237	15,662	85	57	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2261	
210,568	3,607	93	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2262	
158,033	2,117	95	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2269	
(6)	14,527	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	227	
335,536	5,854	87	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2271	
317,639	8,007	94	93	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2272	
54,533	666	78	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2279	
(6)	25,597	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	228	
855,363	15,507	93	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2281	
174,646	3,164	95	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2282	
273,584	5,149	85	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2283	
168,570	1,777	90	91	84	97	53	28	13,908	38,281	62,406	185,553	8,543	88	94	2284	
(6)	27,123	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	229	
95,435	1,099	89	86	65	72	33	23	5,987	23,376	42,610	101,703	1,623	90	92	2291	
63,282	1,194	98	95	133	138	62	67	7,442	26,117	37,571	61,767	1,941	99	94	2292	
139,565	2,372	92	88	179	200	82	101	9,111	33,031	62,633	155,757	3,485	91	90	2293	
93,459	929	96	93	198	203	77	79	5,768	17,570	32,185	98,159	1,513	96	93	2294	
246,616	8,576	82	80	103	106	51	22	8,547	41,699	79,868	213,627	4,117	86	82	2295	
375,790	6,029	85	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2296	
87,567	1,275	92	59	70	74	48	6	7,013	24,300	33,523	100,663	2,391	83	60	2297	
141,579	1,632	92	93	119	137	75	46	12,327	37,374	73,511	162,702	2,614	90	89	2298	
134,623	4,017	84	86	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2299	
(6)	89,450	(NA)	(NA)	(NA)	31,372	13,280	23,044	1,190,064	3,201,795	5,165,547	(6)	76,552	(NA)	(NA)	23	
111,295,362	4,906	93	97	1,255	1,310	687	851	119,001	374,795	11527,234	11172,979	3,466	91	96	2311	
(6)	16,960	(NA)	(NA)	(NA)	3,901	2,161	2,434	285,594	638,732	1,005,366	(6)	16,684	94	81	232	
11967,223	5,687	90	81	838	971	676	411	108,304	236,726	11370,129	11923,577	6,370	91	85	2321	
11121,646	908	89	38	72	82	60	29	9,385	18,923	1131,453	1186,282	1,168	88	28	2322	
11102,405	584	97	98	403	403	127	321	9,483	27,797	1149,351	11107,556	(13)	98	92	2323	
11452,414	3,970	89	71	768	798	410	608	51,652	118,688	11180,384	11402,055	2,776	89	75	2327	
11689,819	3,452	84	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2328	
11365,963	2,359	78	57	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2329	
(6)	22,257	(NA)	(NA)	(NA)	10,298	5,587	7,400	363,896	1,046,120	1,696,376	(6)	15,499	98	92	233	
11454,103	2,277	89	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2331	
112,043,422	9,436	97	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2335	
111233,227	6,984	93	93	3,178	3,204	1,476	2,235	96,022	326,933	11531,574	111,272,030	3,621	94	93	2337	
11506,298	3,560	81	52	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2339	
(6)	8,143	(NA)	(NA)	(NA)	1,843	1,087	1,020	112,234	284,814	509,781	(6)	8,432	96	88	234	
11814,721	5,404	96	83	1,276	1,352	767	836	73,427	176,305	11295,169	11778,061	5,431	95	98	2341	
11467,485	2,739	96	98	424	491	320	184	38,807	108,509	11214,611	11397,193	3,001	96	(NA)	2342	



## GENERAL SUMMARY

Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									
		Com- panies, number	Establishments, number		Proprie- tors and partners  (number)	All employees		Production workers			Value added by manu- facture, adjusted <sup>2</sup>  (\$1,000)
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll  (\$1,000)	Number <sup>1</sup>	Man-hours  (1,000)	Wages  (\$1,000)	
	Apparel & related products— Continued										
235	Millinery, hats and caps.....	(NA)	1,249	453	788	35,539	123,429	30,832	55,891	96,409	200,431
2351	Millinery.....	801	803	284	449	17,838	64,095	15,417	28,088	50,173	<sup>11</sup> 109,133
2352	Hats and caps.....	428	446	169	339	17,701	59,334	15,415	27,803	46,236	<sup>11</sup> 91,292
236	Children's outerwear.....	(NA)	1,928	1,074	1,245	80,809	231,184	71,024	127,147	178,584	381,349
2361	Children's dresses <sup>8</sup> .....	766	802	487	557	36,123	100,818	31,870	57,111	78,341	<sup>11</sup> 167,094
2363	Children's coats.....	361	370	210	222	12,798	42,435	10,967	19,488	31,527	<sup>11</sup> 68,205
2369	Children's outerwear, nec <sup>8</sup> .....	735	756	377	466	31,888	87,931	28,187	50,548	68,716	<sup>11</sup> 146,050
2371	Fur goods.....	1,651	1,651	78	1,280	9,355	50,454	7,944	13,648	41,715	<sup>11</sup> 95,411
238	Miscellaneous apparel.....	(NA)	1,701	729	1,050	60,026	177,499	51,884	91,989	133,232	306,277
2381	Fabric dress and work gloves...	189	228	130	116	13,941	32,870	12,641	21,871	27,180	<sup>11</sup> 53,930
2384	Robes and dressing gowns.....	274	278	155	218	10,625	30,461	9,258	15,975	22,754	<sup>11</sup> 56,442
2385	Waterproof outer garments.....	270	277	136	127	13,159	43,114	11,315	20,202	32,217	<sup>11</sup> 73,070
2386	Leather and sheeplined clothing	154	154	71	99	4,626	16,166	4,037	7,488	12,410	<sup>11</sup> 27,847
2387	Apparel belts.....	453	455	144	283	10,150	31,801	8,498	15,441	22,503	<sup>11</sup> 53,726
2389	Apparel, nec.....	303	309	93	207	7,525	23,087	6,135	11,012	16,168	<sup>11</sup> 41,262
239	Fabricated textiles, nec <sup>8</sup> .....	(NA)	6,887	1,498	5,534	128,779	426,257	108,498	204,769	317,488	731,084
2391	Curtains and draperies.....	759	783	206	611	16,366	48,403	14,141	26,814	36,923	87,273
2392	Housefurnishings, nec.....	1,177	1,205	393	855	36,769	113,402	31,552	59,297	83,302	218,295
2393	Textile bags.....	217	237	101	122	9,114	30,047	7,557	14,673	21,942	51,638
2394	Canvas products.....	844	851	124	704	9,875	35,175	7,679	14,692	23,730	53,696
2397	Schiffli machine embroideries..	702	703	48	713	5,739	24,451	5,148	10,772	20,771	44,311
2398	Trimings and stitching.....	2,170	2,189	414	1,855	32,986	116,993	27,740	50,854	89,548	177,784
2399	Textile products, nec.....	906	919	212	674	17,930	57,786	14,681	27,667	41,272	98,087
24	Lumber and wood products.....	(NA)	37,789	5,884	38,072	581,302	1,986,109	505,476	959,935	1,624,983	3,176,613
2411	Logging camps and contractors....	12,627	12,805	554	14,425	71,505	226,742	62,363	108,463	194,685	387,418
242	Sawmills and planing mills <sup>8</sup> .....	(NA)	16,550	2,854	18,017	278,003	867,570	244,643	463,008	735,251	1,341,127
2421	Sawmills and planing mills.....	15,371	15,636	2,486	17,364	245,687	770,296	215,699	406,984	655,668	1,194,650
2426	Hardwood dimension and flooring	415	436	263	232	25,140	75,177	22,479	45,346	60,779	110,354
2429	Special product sawmills, nec..	418	478	105	421	7,176	22,097	6,465	10,678	18,804	36,123
243	Millwork and related products....	(NA)	4,125	1,313	2,661	134,858	570,802	114,343	226,282	442,861	925,023
2431	Millwork plants.....	3,112	3,163	713	2,348	61,962	267,997	50,309	98,542	196,922	412,548
2432	Veneer and plywood plants <sup>8</sup> .....	513	588	450	176	59,346	240,821	54,092	108,437	207,645	390,131
2433	Prefabricated wood products.....	364	374	150	137	13,550	61,984	9,942	19,303	38,294	122,344
244	Wooden containers <sup>8</sup> .....	(NA)	1,278	417	872	39,569	121,748	35,437	67,743	99,092	183,523
2441	Nailed wooden boxes and shooks..	847	885	258	665	20,916	68,517	18,427	35,625	55,093	102,248
2442	Wirebound boxes and crates.....	84	98	59	51	9,366	26,113	8,516	16,342	20,957	43,109
2443	Veneer and plywood containers..	100	105	65	52	5,416	12,850	5,059	9,245	11,013	18,323
2445	Cooperage.....	126	190	35	104	3,871	14,268	3,435	6,531	12,029	19,843
249	Miscellaneous wood products.....	(NA)	3,031	746	2,097	57,367	199,247	48,690	94,439	153,094	339,522
2491	Wood preserving.....	211	306	148	112	10,933	36,625	9,173	17,877	28,064	72,508
2499	Wood products, nec.....	2,612	2,725	598	1,985	46,434	162,622	39,517	76,562	125,030	267,014
25	Furniture and fixtures <sup>8</sup> .....	(NA)	10,160	3,175	6,477	347,599	1,388,669	287,489	565,142	1,021,844	2,349,488
251	Household furniture.....	(NA)	6,512	2,296	4,017	251,417	942,095	212,239	417,085	706,874	1,579,626
2511	Wood furniture not upholstered.	2,742	2,816	931	1,809	125,320	442,181	109,045	217,617	344,536	704,660
2512	Wood furniture, upholstered....	1,707	1,761	683	1,037	61,485	233,646	51,819	99,572	177,682	391,243
2514	Metal household furniture.....	614	627	273	282	30,704	125,627	24,874	48,598	90,053	218,746
2515	Mattresses and bedsprings.....	1,158	1,215	377	832	31,703	132,258	24,651	47,874	88,197	248,801
2519	Household furniture, nec.....	92	93	32	57	2,205	8,383	1,850	3,424	6,406	16,176
252	Office furniture.....	(NA)	301	144	107	23,290	109,512	18,814	36,918	80,373	212,100
2521	Wood office furniture.....	147	150	56	73	5,821	23,516	4,957	10,007	17,627	38,427
2522	Metal office furniture.....	142	151	88	34	17,469	85,996	13,857	26,911	62,746	173,673
2531	Public building furniture.....	384	390	147	232	15,952	69,342	12,620	25,759	48,401	112,881
254	Partitions and fixtures.....	1,831	1,848	426	1,246	37,747	186,636	29,134	57,331	130,117	301,250
259	Furniture and fixtures, nec.....	(NA)	1,109	162	875	19,193	81,084	14,682	28,049	56,079	143,631
2591	Venetian blinds and shades.....	822	850	85	710	11,203	43,634	8,199	15,352	28,387	83,442
2599	Furniture and fixtures, nec.....	258	259	77	165	7,990	37,450	6,483	12,697	27,692	60,189
26	Paper and allied products....	(NA)	5,271	3,224	1,360	555,398	2,779,885	448,529	934,371	2,038,997	5,707,474
2611	Pulp mills.....	40	59	48	9	14,171	74,797	11,450	22,648	56,491	196,026
2621	Paper mills, except building....	242	354	318	18	131,334	740,988	109,266	238,433	570,040	1,541,818
2631	Paperboard mills.....	149	252	250	5	57,086	321,765	47,533	102,760	252,164	840,057

See footnotes at end of table.



## by Industry Groups and Industries: 1958 and 1954-Continued

1958—Continued				1954											
Value of shipments	Capital expenditures, new	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture adjusted <sup>2</sup> (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)	Code
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll (\$1,000)						
( <sup>6</sup> )	2,446	(NA)	(NA)	(NA)	1,457	498	969	40,538	125,737	191,361	( <sup>6</sup> )	1,480	(NA)	(NA)	235
<sup>11</sup> 190,263	1,371	99	99	865	871	290	527	20,235	65,809	<sup>11</sup> 101,618	<sup>11</sup> 175,599	( <sup>13</sup> )	99	98	2351
<sup>11</sup> 170,692	1,075	98	98	582	586	208	442	20,303	59,928	<sup>11</sup> 89,743	<sup>11</sup> 173,127	1,042	(NA)	(NA)	2352
( <sup>6</sup> )	5,014	(NA)	(NA)	(NA)	1,983	1,050	1,517	77,538	196,303	320,481	( <sup>6</sup> )	3,844	94	83	236
<sup>11</sup> 355,372	1,847	96	83	736	764	442	630	32,525	78,244	<sup>11</sup> 127,773	<sup>11</sup> 292,822	1,451	(NA)	(NA)	2361
<sup>11</sup> 163,821	783	95	85	400	407	214	315	14,399	44,980	<sup>11</sup> 72,003	<sup>11</sup> 173,756	574	91	81	2363
<sup>11</sup> 324,052	2,384	79	63	799	812	394	572	30,613	73,079	<sup>11</sup> 120,704	<sup>11</sup> 286,439	1,818	(NA)	(NA)	2369
<sup>11</sup> 281,335	2,644	99	100	1,972	1,972	63	1,669	9,983	40,453	<sup>11</sup> 75,843	<sup>11</sup> 238,347	( <sup>13</sup> )	99	100	2371
( <sup>6</sup> )	3,644	(NA)	(NA)	(NA)	1,804	741	1,238	64,333	163,381	268,847	( <sup>6</sup> )	4,091	92	86	238
<sup>11</sup> 118,749	556	94	84	(NA)	240	146	125	14,621	29,709	<sup>11</sup> 47,445	<sup>11</sup> 109,718	( <sup>13</sup> )	(NA)	(NA)	2381
<sup>11</sup> 132,671	( <sup>13</sup> )	93	96	322	328	157	274	10,957	27,039	<sup>11</sup> 43,229	<sup>11</sup> 109,292	( <sup>13</sup> )	93	(NA)	2384
<sup>11</sup> 146,175	958	90	90	291	294	154	161	12,872	34,702	<sup>11</sup> 58,941	<sup>11</sup> 121,165	844	89	81	2385
<sup>11</sup> 65,734	( <sup>13</sup> )	94	91	153	153	74	91	5,361	15,730	<sup>11</sup> 23,570	<sup>11</sup> 56,910	( <sup>13</sup> )	85	80	2386
<sup>11</sup> 99,053	816	92	95	501	503	168	394	12,571	35,403	<sup>11</sup> 60,131	<sup>11</sup> 112,368	658	92	94	2387
<sup>11</sup> 94,904	517	91	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2389
( <sup>6</sup> )	23,436	(NA)	(NA)	(NA)	7,274	1,509	6,312	134,560	381,319	647,621	( <sup>6</sup> )	23,586	94	77	239
217,029	1,861	96	92	697	716	182	420	13,988	36,899	63,816	180,180	1,208	94	89	2391
616,224	6,072	88	58	1,203	1,213	361	926	36,188	97,105	178,536	526,257	4,363	91	1259	2392
204,379	1,512	83	85	235	268	121	164	12,109	35,120	55,114	254,260	3,941	84	85	2393
131,336	1,848	90	90	1,100	1,119	150	1,004	13,540	40,180	65,146	147,683	1,285	89	86	2394
75,484	3,593	99	97	601	601	57	695	5,715	19,739	34,870	67,858	1,016	98	99	2397
431,890	5,769	94	96	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2398
247,113	2,781	88	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2399
( <sup>6</sup> )	276,893	(NA)	(NA)	(NA)	41,484	6,387	41,987	645,936	1,933,523	3,241,606	( <sup>6</sup> )	217,361	(NA)	(NA)	24
865,340	67,904	98	92	12,789	12,865	549	13,946	75,510	210,625	392,766	774,309	48,632	98	89	2411
( <sup>6</sup> )	138,696	(NA)	(NA)	(NA)	20,487	3,500	22,034	341,350	962,339	1,610,410	( <sup>6</sup> )	120,128	96	81	242
2,914,315	129,369	92	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2421
260,645	7,645	84	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2426
89,381	1,682	93	60	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2429
( <sup>6</sup> )	46,292	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	243
1,049,571	16,498	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2431
884,111	25,376	92	95	(NA)	516	434	207	52,026	187,754	303,713	654,541	14,339	93	93	2432
322,279	4,418	98	98	222	231	111	96	11,547	45,905	90,529	245,457	3,681	99	95	2433
( <sup>6</sup> )	6,332	(NA)	(NA)	(NA)	1,513	602	1,072	52,307	137,641	214,749	( <sup>6</sup> )	8,124	94	88	244
235,709	3,406	88	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2441
93,388	1,209	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2442
30,271	579	88	84	126	134	70	101	6,685	13,869	19,324	32,787	( <sup>13</sup> )	91	88	2443
70,070	1,138	95	98	104	180	32	63	3,723	12,350	16,884	61,189	973	97	99	2445
( <sup>6</sup> )	17,669	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	249
202,957	3,661	98	96	188	288	158	100	12,073	36,162	68,531	190,503	4,700	97	99	2491
522,333	14,008	90	88	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2499
( <sup>6</sup> )	81,746	(NA)	(NA)	(NA)	10,273	3,012	7,323	340,694	1,197,376	1,997,506	( <sup>6</sup> )	61,945	(NA)	(NA)	25
( <sup>6</sup> )	51,071	(NA)	(NA)	(NA)	6,470	2,149	4,450	243,932	818,893	1,335,958	( <sup>6</sup> )	40,284	96	95	251
1,378,630	26,234	94	94	2,731	2,785	958	1,923	124,898	388,409	602,091	1,170,568	17,161	94	93	2511
783,100	11,124	91	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2512
501,147	5,694	88	88	635	641	261	362	29,629	110,933	192,978	412,482	8,720	87	83	2514
572,150	7,333	90	88	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2515
30,643	686	88	68	69	69	19	52	1,285	4,437	7,895	15,812	2,161	86	59	2519
( <sup>6</sup> )	6,093	(NA)	(NA)	(NA)	241	127	113	21,652	84,826	157,199	( <sup>6</sup> )	5,350	84	87	252
68,392	840	89	82	111	112	50	60	5,509	18,788	29,059	54,358	615	86	86	2521
286,004	5,253	88	86	122	129	77	53	16,143	66,038	128,139	211,546	4,734	84	87	2522
208,406	4,941	88	80	291	292	119	174	14,044	52,638	90,168	163,772	3,781	83	86	2531
538,872	13,644	91	86	1,621	1,626	358	1,191	33,137	142,515	236,246	416,586	7,031	88	87	254
( <sup>6</sup> )	5,997	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	259
187,024	3,306	92	93	(NA)	1,112	121	1,000	13,784	42,834	80,918	196,479	2,697	(NA)	(NA)	2591
110,360	2,691	71	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2599
( <sup>6</sup> )	618,488	(NA)	(NA)	(NA)	5,004	3,177	1,360	527,710	2,204,670	4,630,153	( <sup>6</sup> )	532,723	(NA)	(NA)	26
427,997	42,991	98	73	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	2611
3,259,415	256,479	90	95	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	2621
1,690,918	102,100	90	90	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	2631



Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners  (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
264	Paper & allied products—Con. Paper and paperboard products.....	(NA)	2,245	1,072	719	150,972	704,602	119,208	238,733	484,300	1,412,894
2641	Paper coating and glazing <sup>8</sup> .....	291	340	176	85	27,794	143,476	20,652	43,399	94,206	319,588
2642	Envelopes.....	172	205	146	42	17,757	84,566	14,303	29,445	58,156	138,318
2643	Bags, except textile bags.....	379	461	251	126	39,042	169,888	31,667	63,197	122,343	308,874
2644	Wallpaper.....	70	73	29	14	2,806	13,417	2,095	4,374	9,063	21,463
2645	Die-cut paper and board.....	343	372	118	177	12,209	58,512	9,441	18,538	39,122	111,164
2646	Pressed and molded pulp goods..	46	55	28	15	4,472	21,254	3,697	7,781	15,929	49,819
2649	Paper and board products, nec..	679	739	324	260	46,892	213,489	37,353	71,999	145,481	463,668
265	Paperboard containers & boxes....	(NA)	2,180	1,439	565	181,177	835,016	143,533	294,460	592,863	1,501,629
2651	Folding paperboard boxes.....	454	514	341	112	46,389	221,989	37,386	77,463	159,445	391,031
2652	Set-up paperboard boxes.....	505	527	347	217	23,532	80,924	19,942	38,304	59,368	124,892
2653	Corrugated shipping containers..	547	805	514	176	70,792	345,117	53,531	110,517	233,981	596,934
2654	Sanitary food containers.....	65	136	125	10	29,493	139,131	23,424	49,777	103,542	309,224
2655	Fiber cans, tubes, drums, etc. <sup>8</sup>	153	198	112	50	10,971	47,855	9,250	18,399	36,527	79,548
2661	Building paper and board mills...	14130	14181	97	44	20,658	102,717	17,539	37,337	83,139	215,050
27	Printing and publishing.....	(NA)	35,368	6,836	24,875	864,101	4,479,679	529,504	995,923	2,590,865	7,922,962
2711	Newspapers.....	7,947	8,250	1,724	6,456	294,258	1,493,136	154,014	276,910	775,857	2,516,921
2721	Periodicals.....	2,245	2,323	387	819	66,028	380,636	11,708	21,209	56,766	932,554
273	Books.....	(NA)	1,694	438	835	68,694	337,844	34,755	67,846	156,775	843,034
2731	Books, publishing & printing...	883	903	233	307	40,069	193,854	11,023	21,088	44,463	616,241
2732	Book printing.....	785	791	205	528	28,625	143,990	23,732	46,758	112,312	226,793
2741	Miscellaneous publishing.....	1,038	1,105	164	581	19,870	95,518	6,538	12,029	28,633	206,851
275	Commercial printing.....	(NA)	17,276	2,768	13,262	287,803	1,516,861	225,884	433,021	1,112,286	2,344,472
2751	Printing: Letterpress.....	12,878	13,002	1,640	10,703	189,078	954,240	150,426	286,790	720,845	1,482,604
2752	Printing: Lithographic.....	3,696	3,746	1,026	2,215	89,678	519,506	68,230	132,677	358,093	797,397
2753	Engraving and plate printing...	520	528	102	344	9,047	43,115	7,228	13,554	33,348	64,471
2761	Manifold business forms.....	672	704	165	436	23,618	120,945	16,883	32,823	79,623	245,229
2771	Greeting cards.....	265	282	100	139	21,777	89,405	14,799	28,297	50,553	178,563
278	Bookbinding and related work....	(NA)	1,406	460	955	40,032	166,472	33,236	64,216	121,740	265,382
2782	Blankbooks; looseleaf binders..	407	434	166	245	17,872	79,024	13,756	26,838	52,740	132,660
2789	Bookbinding and related work...	966	972	294	710	22,160	87,448	19,480	37,378	69,000	132,722
279	Printing trades services.....	(NA)	2,328	630	1,392	42,021	278,862	31,687	59,572	208,632	389,956
2791	Typesetting.....	1,181	1,188	247	855	18,011	109,352	14,377	27,278	85,430	155,123
2793	Photoengraving.....	897	914	272	483	17,251	125,337	12,344	23,020	91,407	172,158
2794	Electrotyping and stereotyping..	206	226	111	54	6,759	44,173	4,966	9,274	31,795	62,675
28	Chemicals & allied products <sup>8</sup> .	(NA)	11,309	3,751	3,072	699,166	3,947,175	453,411	908,824	2,244,318	12,270,371
281	Basic chemicals.....	(NA)	1,698	862	162	238,104	1,459,683	157,644	318,710	892,440	4,259,770
2812	Alkalies and chlorine.....	18	34	32	...	20,476	115,024	13,905	28,440	75,079	306,187
2813	Industrial gases.....	111	491	177	24	10,642	56,661	5,813	12,668	30,576	174,249
2814	Cyclic (coal tar) crudes.....	13	45	23	...	2,084	12,008	1,677	3,482	9,025	29,993
2815	Intermediate coal tar products..	85	115	87	...	26,218	155,411	17,930	35,503	97,263	373,106
2816	Inorganic pigments.....	72	99	57	16	11,368	61,867	7,958	15,980	40,949	235,658
2818	Organic chemicals, nec.....	238	334	185	31	77,442	508,433	51,966	103,917	312,380	1,671,723
2819	Inorganic chemicals, nec <sup>16</sup> .....	344	580	301	91	89,874	550,279	58,395	118,720	327,168	1,468,854
282	Fibers, plastics, rubbers.....	(NA)	407	253	37	121,536	683,376	86,180	173,059	429,834	1,899,770
2821	Plastics materials.....	279	349	196	37	51,003	308,212	35,305	72,035	189,321	871,956
2822	Synthetic rubber.....	13	18	17	...	9,252	60,909	6,223	12,533	37,648	197,866
2823	Cellulosic man-made fibers.....	10	26	26	...	42,597	211,513	31,753	62,466	141,001	390,310
2824	Organic fibers, noncellulosic..	9	14	14	...	18,684	102,742	12,899	26,025	61,864	439,638
283	Drugs.....	(NA)	1,359	403	364	95,940	545,691	54,915	110,183	250,695	2,096,288
2831	Biological products.....	110	116	35	28	3,692	16,218	2,567	4,999	9,736	38,947
2833	Medicinals and botanicals.....	120	129	50	24	10,246	62,877	6,640	13,810	35,500	175,817
2834	Pharmaceutical preparations....	1,062	1,114	318	312	82,002	466,596	45,708	91,374	205,459	1,881,524
284	Cleaning and toilet goods.....	(NA)	2,654	578	1,047	78,618	417,514	47,908	94,336	208,452	1,903,101
2841	Soap and other detergents.....	558	608	163	235	29,603	181,485	18,180	36,779	97,294	857,585
2842	Polishes and sanitation goods..	1,132	1,156	188	512	16,429	82,594	9,352	17,840	35,603	295,566
2843	Surface active agents.....	132	142	46	32	3,122	19,484	1,835	3,707	8,870	52,421
2844	Toilet preparations.....	721	748	181	268	29,464	133,951	18,541	36,010	66,685	697,529
285	Paints and varnishes.....	(NA)	1,709	600	484	58,770	323,372	33,190	66,906	153,114	806,895
2851	Paints and varnishes.....	1,427	1,591	577	439	57,034	313,737	32,314	65,120	149,512	783,285
2852	Putty and calking compounds....	100	118	23	45	1,736	9,635	876	1,786	3,602	23,610
2861	Gum and wood chemicals.....	178	190	41	101	7,251	30,097	5,916	11,563	21,792	85,302

See footnotes at end of table.



1-13

[illegible]



Table 3.—General Statistics for Operating Manufacturing Establishments.

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners  (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
287	Chemicals and allied products—Continued										
2871	Agricultural chemicals.....	(NA)	1,305	508	300	38,679	160,421	27,336	54,419	99,468	414,781
2872	Fertilizers.....	(NA)	283	205	(NA)	18,728	79,022	14,104	28,986	55,256	197,943
2873	Fertilizers, mixing only.....	(NA)	685	202	(NA)	12,161	43,610	8,313	15,931	25,580	105,843
2879	Agricultural pesticides.....	243	337	101	77	7,790	37,789	4,919	9,502	18,632	110,993
2879	Agricultural chemicals, nec....										
289	Other chemical products.....	(NA)	1,987	506	577	60,268	327,021	40,322	79,648	188,523	804,464
2891	Glue and gelatin.....	234	274	93	73	7,890	42,146	5,166	10,563	23,878	106,383
2892	Explosives <sup>16</sup> .....	45	77	58	10	14,971	79,597	10,648	19,992	50,876	131,646
2893	Printing ink <sup>8</sup> .....	193	302	94	65	7,960	45,069	5,385	11,182	25,956	108,803
2894	Fatty acids.....	11	12	12	...	1,558	9,793	972	2,141	5,796	20,594
2895	Carbon black.....	8	36	32	...	3,162	18,606	2,629	5,650	14,747	72,641
2899	Chemical preparations, nec.....	1,232	1,286	217	429	24,727	131,810	15,522	30,120	67,270	364,397
29	Petroleum and coal products <sup>8</sup> .	(NA)	1,608	653	334	179,166	1,116,673	130,508	255,360	758,422	2,518,424
2911	Petroleum refining.....	289	446	313	85	146,025	944,332	106,898	207,609	648,278	2,119,402
295	Paving and roofing materials.....	(NA)	772	217	129	23,317	119,472	17,364	35,717	82,137	269,035
2951	Paving mixtures and blocks.....	415	563	89	94	7,797	42,028	5,823	11,708	28,130	112,548
2952	Asphalt felts and coatings.....	119	209	128	35	15,520	77,444	11,541	24,009	54,007	156,487
299	Petroleum & coal products, nec...	(NA)	390	123	120	9,824	52,869	6,246	12,034	28,007	129,987
2992	Lubricating oils and greases...	284	306	90	96	7,568	42,349	4,484	8,588	20,441	103,084
2999	Petroleum & coal products, nec.	74	84	33	24	2,256	10,520	1,762	3,446	7,566	26,903
30	Rubber and plastics products, nec. <sup>8</sup> .....	(NA)	4,462	1,827	1,528	347,842	1,723,295	270,500	530,976	1,211,372	3,276,612
3011	Tires and inner tubes <sup>8</sup> .....	94	123	86	28	89,395	521,855	69,959	133,268	388,702	1,179,957
3021	Rubber footwear.....	22	27	26	1	20,359	85,611	17,602	34,131	68,573	149,608
3031	Reclaimed rubber.....	12	16	14	2	2,215	11,658	1,793	3,330	9,076	20,843
3069	Fabricated rubber products, nec. <sup>8</sup>	976	1,074	558	307	119,565	592,964	89,158	176,994	396,129	997,254
3079	Plastics products, nec. <sup>8</sup> .....	3,093	3,222	1,143	1,190	116,308	511,207	91,988	183,253	348,892	928,950
31	Leather and leather products <sup>8</sup>	(NA)	4,534	2,225	2,115	349,050	1,145,683	310,048	565,874	912,024	1,897,465
3111	Leather tanning and finishing....	521	578	280	198	37,130	165,545	32,466	63,376	133,183	275,796
3121	Industrial leather belting.....	99	104	32	36	3,975	18,689	2,769	5,371	11,506	36,300
3131	Footwear cut stock.....	472	513	235	235	18,031	58,489	15,516	28,859	44,570	98,380
314	Footwear, except rubber.....	(NA)	1,279	984	276	226,831	699,478	204,482	366,527	570,470	1,145,916
3141	Footwear, except rubber.....	872	1,115	887	224	215,311	662,421	194,314	348,481	542,179	1,108,260
3142	House slippers.....	160	164	97	52	11,520	37,057	10,168	18,046	28,291	115,965
3151	Leather gloves.....	171	179	76	119	6,212	15,999	5,503	9,214	12,705	1125,999
3161	Luggage.....	428	428	159	297	15,856	54,717	13,725	25,138	40,282	96,560
317	Purses and small leather goods...	(NA)	1,020	385	620	35,610	115,115	30,964	58,611	86,123	187,287
3171	Handbags and purses.....	611	620	262	342	21,953	68,632	19,443	37,231	54,258	111,496
3172	Small leather goods.....	399	400	123	278	13,657	46,483	11,521	21,380	31,865	75,791
3199	Leather goods, nec.....	429	433	74	334	5,405	17,651	4,623	8,778	13,185	31,227
32	Stone, clay & glass products.	(NA)	15,022	4,478	8,701	554,042	2,594,971	445,866	883,823	1,933,949	5,528,952
3211	Flat glass.....	14	32	31	...	21,179	133,551	17,625	35,867	110,675	263,151
322	Pressed and blown glassware.....	(NA)	240	190	33	92,045	431,307	79,108	156,596	350,209	844,811
3221	Glass containers.....	42	100	92	...	54,937	259,893	48,635	97,622	218,358	532,469
3229	Pressed and blown glass, nec...	111	140	98	33	37,108	171,414	30,473	58,974	131,851	312,342
3231	Products of purchased glass.....	1,002	1,031	239	661	24,024	109,570	19,737	38,124	83,125	242,657
3241	Cement, hydraulic.....	62	175	170	1	41,127	214,221	34,780	69,481	170,156	724,771
325	Structural clay products.....	(NA)	1,018	726	284	70,305	292,876	59,749	117,850	228,192	490,448
3251	Brick and structural tile.....	468	569	430	155	31,087	122,868	26,955	55,316	97,196	196,890
3253	Ceramic wall and floor tile....	79	90	62	27	13,068	53,738	10,189	21,768	41,494	92,779
3255	Clay refractories.....	104	167	117	23	12,394	59,816	10,110	18,581	44,920	104,898
3259	Structural clay products, nec..	152	192	117	79	13,756	56,454	11,795	22,185	44,582	95,881
326	Pottery and related products.....	(NA)	755	245	545	44,219	181,147	37,512	69,433	140,612	283,912
3261	Vitreous plumbing fixtures.....	35	49	43	2	9,677	49,568	8,111	15,638	39,580	87,293
3262	Vitreous china food utensils...	27	29	24	7	7,640	30,211	6,385	11,793	22,068	42,355
3263	Earthenware food utensils.....	33	34	26	9	8,555	27,812	7,790	12,119	23,864	34,170
3264	Porcelain electrical supplies..	57	59	44	14	9,107	42,362	7,489	14,741	31,342	66,074
3269	Pottery products, nec.....	580	584	108	513	9,240	31,194	7,737	15,142	23,758	54,020

See footnotes at end of table.



## by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued					1954											Code
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (per cent)	Coverage ratio <sup>5</sup> (per cent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted <sup>2</sup> (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (per cent)	Coverage ratio <sup>5</sup> (per cent)		
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll (\$1,000)							
( <sup>6</sup> )	39,929	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
605,249	24,276	(NA)	(NA)	(NA)	260	215	32	19,728	73,048	179,420	589,835	33,762	96	<sup>12</sup> 60	2871	
438,628	8,676	(NA)	(NA)	(NA)	580	203	172	12,040	38,480	92,631	411,431	12,825	95	<sup>12</sup> 44	2872	
333,105	6,977	90	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2873	
( <sup>6</sup> )	53,842	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2879	
245,205	8,077	86	70	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2891	
228,614	9,346	96	95	40	74	55	5	32,478	146,843	221,272	395,275	17,279	98	91	2892	
228,141	4,817	93	96	188	271	87	69	7,609	35,713	88,343	183,552	6,336	90	95	2893	
66,740	3,490	69	65	14	15	12	2	1,891	10,263	23,968	60,784	4,819	68	73	2894	
119,271	4,612	100	100	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2895	
703,325	23,500	88	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2899	
( <sup>6</sup> )	671,926	(NA)	(NA)	(NA)	1,262	592	281	183,339	953,235	2,340,876	( <sup>6</sup> )	673,883	(NA)	(NA)	29	
14,539,055	646,909	98	98	253	409	316	81	153,072	816,120	1,918,020	12,182,245	656,033	99	98	2911	
( <sup>6</sup> )	16,469	(NA)	(NA)	(NA)	523	167	105	20,097	88,146	207,753	( <sup>6</sup> )	13,155	93	95	295	
267,676	9,856	94	85	252	326	47	62	4,367	20,092	52,145	133,178	5,367	97	94	2951	
460,104	6,613	90	92	108	197	120	43	15,730	68,054	155,607	431,607	7,787	91	94	2952	
( <sup>6</sup> )	8,548	(NA)	(NA)	(NA)	330	109	95	10,169	48,967	115,099	( <sup>6</sup> )	4,694	89	22	299	
281,377	7,230	86	<sup>12</sup> 25	265	283	84	88	8,159	40,062	90,661	265,111	4,314	87	<sup>12</sup> 18	2992	
74,855	1,318	95	96	39	47	25	7	2,009	8,905	24,437	63,496	( <sup>13</sup> )	94	89	2999	
( <sup>6</sup> )	196,896	(NA)	(NA)	(NA)	3,845	1,482	1,596	338,493	1,409,564	2,552,789	( <sup>6</sup> )	173,721	(NA)	(NA)	30	
2,577,788	72,269	91	99	27	49	46	4	92,748	441,607	877,771	1,997,399	67,430	88	99	3011	
229,439	3,109	(D)	(D)	19	22	21	1	18,322	64,022	106,768	171,471	4,217	84	85	3021	
39,260	964	94	72	15	20	18	3	2,953	12,697	23,454	63,599	2,834	87	74	3031	
1,885,274	43,603	86	86	1,152	1,315	568	515	132,503	541,011	946,407	1,777,331	53,949	88	78	3069	
1,867,877	76,951	91	85	2,377	2,439	829	1,073	91,967	350,227	598,388	1,227,116	45,290	90	84	3079	
( <sup>6</sup> )	31,736	(NA)	(NA)	(NA)	4,845	2,267	2,565	356,578	1,027,314	1,640,804	( <sup>6</sup> )	28,053	(NA)	(NA)	31	
743,124	7,905	100	100	525	579	298	208	43,468	168,139	260,228	713,324	7,123	98	100	3111	
66,560	1,233	90	92	128	136	34	57	4,576	18,569	35,383	67,102	1,955	97	92	3121	
256,652	2,002	95	95	522	563	261	271	20,059	57,113	87,070	259,732	3,063	97	96	3131	
( <sup>6</sup> )	15,034	(NA)	(NA)	(NA)	1,369	1,030	363	230,255	619,332	988,379	( <sup>6</sup> )	12,084	100	100	314	
<sup>11</sup> 2,048,857	14,444	99	99	970	1,196	931	291	219,375	589,267	<sup>11</sup> 942,961	<sup>11</sup> 1,809,127	11,420	99	99	3141	
<sup>11</sup> 112,145	590	90	85	170	173	99	72	10,879	30,065	<sup>11</sup> 45,418	<sup>11</sup> 90,760	664	89	87	3142	
<sup>11</sup> 54,155	( <sup>13</sup> )	85	86	(NA)	239	90	185	6,917	15,573	<sup>11</sup> 22,718	<sup>11</sup> 49,989	( <sup>13</sup> )	88	90	3151	
184,722	1,504	95	95	495	497	159	362	15,856	51,679	91,313	172,691	1,868	94	97	3161	
( <sup>6</sup> )	2,953	(NA)	(NA)	(NA)	1,139	376	816	37,547	105,484	163,747	( <sup>6</sup> )	2,275	(NA)	(NA)	317	
231,110	1,575	96	98	710	714	247	490	22,881	61,405	93,865	194,262	972	97	98	3171	
138,052	1,378	91	87	(NA)	425	129	326	14,666	44,079	69,882	124,164	1,303	(NA)	(NA)	3172	
60,178	842	96	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3199	
( <sup>6</sup> )	442,286	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	32	
384,711	12,057	<sup>12</sup> 90	(D)	16	32	30	...	24,559	132,509	247,175	372,689	30,964	<sup>12</sup> 90	(D)	3211	
( <sup>6</sup> )	42,418	(NA)	(NA)	(NA)	372	30	172	91,334	354,568	678,839	( <sup>6</sup> )	37,417	99	99	322	
862,117	31,164	99	99	38	85	83	1	49,410	195,944	384,647	646,104	26,542	98	99	3221	
445,361	11,254	98	97	(NA)	1,146	310	...	41,924	158,623	294,192	416,021	10,875	98	96	3229	
468,809	16,526	98	81	(NA)	859	182	580	21,614	87,529	193,282	386,695	5,590	97	75	3231	
1,073,494	100,677	99	100	67	162	160	...	39,769	167,659	525,667	814,923	73,015	99	100	3241	
( <sup>6</sup> )	32,152	(NA)	(NA)	(NA)	1,053	761	375	72,814	267,165	427,649	( <sup>6</sup> )	31,561	97	99	325	
286,709	14,023	96	98	510	610	459	201	32,426	114,740	184,017	262,590	16,233	96	98	3251	
135,470	3,276	94	99	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3253	
163,478	8,094	93	92	113	177	133	27	14,463	55,604	88,483	139,290	5,702	92	95	3255	
134,928	6,759	97	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3259	
( <sup>6</sup> )	10,621	(NA)	(NA)	(NA)	867	250	713	50,934	173,562	257,983	( <sup>6</sup> )	10,634	98	95	326	
142,683	1,613	97	97	25	37	33	3	9,200	40,541	75,539	128,229	1,061	99	99	3261	
51,885	964	96	96	32	34	29	11	8,704	28,161	36,413	45,063	1,333	95	96	3262	
48,517	517	98	90	46	47	36	15	13,335	38,742	48,655	67,029	528	98	92	3263	
97,475	4,279	92	93	42	45	37	9	9,550	37,679	54,312	83,169	5,357	94	87	3264	
78,755	3,248	92	91	(NA)	704	115	675	10,144	28,438	(NA)	60,456	2,352	95	90	3269	



Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprietors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
	Stone, clay and glass products—Continued										
327	Concrete and plaster products....	(NA)	9,161	2,035	5,868	149,525	690,325	112,187	227,568	474,521	1,548,434
3271	Concrete block and brick.....	1,763	1,796	336	1,351	22,766	98,103	16,404	32,933	61,292	190,355
3272	Concrete products.....	3,184	3,455	616	2,611	46,182	199,883	36,183	73,436	141,319	390,378
3273	Ready-mixed concrete.....	3,120	3,647	944	1,801	61,890	301,607	44,055	88,084	200,977	676,062
3274	Lime.....	95	137	76	47	7,185	32,754	6,098	12,509	25,521	73,597
3275	Gypsum products.....	74	126	63	58	11,502	57,978	9,447	20,606	45,412	218,042
3281	Cut stone and stone products.....	959	1,001	243	784	20,348	83,038	16,995	33,056	63,818	129,038
329	Nonmetallic minerals, nec.....	(NA)	1,609	599	525	91,270	458,936	68,173	135,848	312,641	1,001,730
3291	Abrasive products.....	317	354	130	109	23,955	127,912	15,971	30,891	75,499	277,706
3292	Asbestos products.....	69	109	80	8	21,292	106,411	17,024	35,046	80,440	235,487
3293	Gaskets and insulations.....	271	282	99	98	13,494	65,078	9,925	19,502	41,518	105,211
3295	Minerals: Ground or treated...	290	391	104	80	7,906	40,328	6,255	12,988	29,532	111,414
3296	Mineral wool.....	84	135	69	20	12,294	61,058	9,267	19,229	43,714	137,577
3297	Nonclay refractories.....	50	84	66	10	8,013	41,167	6,325	11,657	30,352	102,362
3299	Nonmetallic minerals, nec.....	252	254	51	200	4,316	16,982	3,406	6,535	11,586	31,973
33	Primary metal industries <sup>8</sup> ....	(NA)	6,446	3,411	2,282	1,096,359	6,303,447	886,594	1,676,937	4,713,957	11,671,341
331	Steel rolling and finishing.....	(NA)	712	562	91	578,185	3,570,778	469,579	868,076	2,694,452	6,862,919
3312	Blast furnaces and steel mills.	148	291	260	24	511,392	3,183,483	417,216	765,941	2,415,959	6,062,227
3313	Electrometallurgical products..	20	37	35	1	12,689	71,883	9,304	18,961	48,988	178,880
3315	Steel wire drawing.....	151	170	103	42	19,250	110,184	15,129	29,147	78,432	196,200
3316	Cold finishing of steel shapes.	58	78	63	8	10,943	67,084	8,528	16,039	47,225	141,516
3317	Steel pipe and tubes <sup>8</sup> .....	112	136	101	16	23,911	138,144	19,402	37,988	103,848	284,096
332	Iron and steel foundries.....	(NA)	1,648	1,138	558	182,033	886,069	153,242	283,762	682,861	1,322,220
3321	Gray iron foundries.....	1,211	1,310	848	518	112,670	531,152	96,414	178,006	418,935	810,758
3322	Malleable iron foundries.....	74	82	74	2	20,230	100,579	16,694	31,366	77,148	127,592
3323	Steel foundries.....	210	256	216	38	49,133	254,338	40,134	74,390	186,778	383,870
333	Primary nonferrous metal.....	(NA)	112	100	10	47,086	265,903	37,496	75,665	200,571	700,431
3331	Primary copper.....	11	30	29	2	14,561	76,116	12,284	24,476	60,852	158,122
3332	Primary lead.....	5	13	13	...	3,563	18,182	2,864	5,687	13,599	36,325
3333	Primary zinc.....	11	20	20	...	8,923	44,078	7,000	13,788	32,633	71,653
3334	Primary aluminum.....	6	20	20	...	17,381	111,588	13,428	27,738	82,750	383,836
3339	Primary nonferrous metals, nec.	24	29	18	8	2,658	15,939	1,920	3,976	10,737	50,495
3341	Secondary nonferrous metals.....	349	387	152	125	14,441	75,669	10,813	21,194	46,869	147,262
335	Nonferrous rolling and drawing...	(NA)	711	473	83	160,272	885,297	123,225	250,129	632,388	1,726,001
3351	Copper rolling and drawing.....	75	105	89	7	40,329	222,259	31,792	63,291	165,367	445,371
3352	Aluminum rolling and drawing...	145	185	129	19	46,879	272,168	36,443	75,323	199,643	537,086
3356	Rolling and drawing, nec.....	120	143	73	24	16,571	94,713	11,467	22,542	57,446	174,633
3357	Nonferrous wire drawing, etc...	217	278	182	33	56,493	296,157	43,523	88,973	209,932	568,911
336	Nonferrous foundries <sup>8</sup> .....	(NA)	1,965	628	1,111	62,159	318,666	51,250	99,838	238,291	470,741
3361	Aluminum castings.....	934	955	283	575	30,045	158,915	24,626	48,683	119,166	225,686
3362	Brass, bronze, copper castings.	647	665	209	361	14,861	70,512	12,294	23,538	52,786	109,744
3369	Nonferrous castings, nec.....	337	345	136	175	17,253	89,239	14,330	27,617	66,339	135,311
339	Primary metal industries, nec....	(NA)	911	358	304	52,183	301,065	40,989	78,273	218,525	441,767
3391	Iron and steel forgings.....	287	301	189	81	36,456	213,714	29,082	54,436	158,330	310,148
3392	Nonferrous forgings <sup>8</sup> .....	27	29	20	3	5,932	34,634	4,548	9,024	25,107	40,963
3399	Primary metal industries, nec <sup>8</sup> .	567	581	149	220	9,795	52,717	7,359	14,813	35,088	90,656
34	Fabricated metal products <sup>8</sup> ...	(NA)	24,782	8,312	12,691	1,057,986	5,412,405	812,587	1,603,453	3,724,130	9,412,183
3411	Metal cans <sup>8</sup> .....	82	222	189	18	54,238	303,885	46,921	94,295	249,514	668,606
342	Cutlery, hand tools, hardware <sup>8</sup> ...	(NA)	2,094	814	962	135,718	656,911	104,888	205,755	454,540	1,202,227
3421	Cutlery <sup>8</sup> .....	178	183	72	90	11,831	52,745	9,107	17,986	34,875	126,310
3423	Edge tools <sup>8</sup> .....	731	763	250	391	30,273	142,551	23,626	45,720	99,674	267,316
3425	Hand saws and saw blades.....	82	89	38	34	5,509	28,311	4,077	7,883	18,482	53,658
3429	Hardware, nec.....	1,022	1,059	454	447	88,105	433,304	68,078	134,166	301,509	754,943
343	Plumbing & nonelectric heating...	(NA)	989	428	320	71,775	357,466	54,631	105,350	243,508	671,914
3431	Plumbing fixtures.....	56	63	41	13	12,432	67,848	10,058	19,179	50,754	118,555
3432	Plumbing fittings, brass goods.	250	254	84	96	14,663	66,937	12,140	22,993	50,425	120,560
3433	Nonelectric heating equipment..	642	672	303	211	44,680	222,681	32,433	63,178	142,329	432,799
344	Structural metal products <sup>8</sup> .....	(NA)	9,409	2,993	5,118	340,622	1,806,926	250,543	495,317	1,181,905	2,962,860
3441	Fabricated structural steel....	1,793	1,861	780	808	91,252	502,697	68,009	135,764	332,691	821,626
3442	Metal doors, sash, and trim....	1,468	1,546	560	540	57,897	273,219	42,433	83,849	171,756	469,050
3443	Boiler shop products.....	1,180	1,252	557	553	90,551	497,146	64,658	127,164	323,238	754,972
3444	Sheet metal work.....	3,075	3,159	699	2,023	58,800	309,060	44,587	86,550	211,613	516,136
3449	Miscellaneous metal work, nec..	1,532	1,591	397	1,194	42,122	224,804	30,856	61,990	142,607	401,076
345	Screw machine products & bolts...	(NA)	2,317	702	1,268	85,106	440,964	66,094	132,494	305,875	754,706
3451	Screw machine products.....	1,785	1,792	419	1,143	31,836	154,925	25,892	51,915	113,989	249,975
3452	Bolts, nuts, washers, & rivets.	468	525	283	125	53,270	286,039	40,202	80,579	191,886	504,731
3461	Metal stampings.....	2,372	2,456	1,041	929	125,567	645,683	99,974	200,401	458,566	1,049,311

See footnotes at end of table.



## by Industry Groups and Industries: 1958 and 1954-Continued

1958—Continued					1954										
Value of shipments	Capital expenditures, new	Specialization ratio	Coverage ratio	Companies, number	Establishments, number		Proprietors and partners	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	Specialization ratio	Coverage ratio	Code
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll						
(\$1,000)	(\$1,000)	(percent)	(percent)				(number)		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	
(6)	153,750	(NA)	(NA)	(NA)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(9)	(NA)	(NA)	327
413,670	22,790	90	83	4,879	5,090	774	4,503	60,410	216,954	418,569	813,230	40,548	99	99	3271
718,543	44,232	94	94		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3272
1,681,926	70,990	92	97		(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3273
130,948	6,362	83	95		113	81	71	7,989	30,645	57,986	112,854	4,835	84	97	3274
364,947	9,376	95	98	48	90	56	25	10,966	48,639	165,271	295,564	10,227	95	98	3275
206,264	8,405	95	97	961	977	239	741	21,576	78,240	121,465	191,494	4,296	93	99	3281
(6)	65,680	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	329
490,752	21,098	83	96	290	312	132	120	22,345	101,218	198,983	349,184	9,857	94	87	3291
453,488	12,837	89	92	74	110	84	13	21,977	92,413	186,927	361,131	14,935	87	93	3292
188,684	5,699	87	69	(NA)	237	87	99	12,807	55,115	87,253	166,073	4,954	86	70	3293
208,327	8,848	96	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3295
251,681	10,488	95	95	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3296
177,643	5,516	95	89	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3297
58,947	1,194	85	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3299
(6)	1,427,619	(NA)	(NA)	(NA)	6,170	3,388	2,455	1,169,331	5,329,532	9,899,138	(6)	918,967	(NA)	(NA)	33
(6)	1,006,557	(NA)	(NA)	(NA)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(9)	(NA)	(NA)	331
(6)	950,056	(12)	(12)	(NA)	408	(NA)	11	553,850	2,581,270	5,055,409	(6)	580,530	(NA)	(NA)	3312
399,122	16,969	91	76	17	31	29	1	11,361	51,332	118,785	272,751	22,313	1292	95	3313
452,062	11,980	88	26	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3315
477,824	12,419	95	18	(NA)	75	(NA)	(NA)	10,685	51,600	(NA)	(NA)	7,498	(NA)	(NA)	3316
780,684	15,133	92	40	78	88	69	14	22,085	108,374	207,643	535,772	9,134	91	30	3317
(6)	56,269	(NA)	(NA)	(NA)	1,734	1,220	646	212,365	895,728	1,327,404	(6)	76,332	94	90	332
1,434,701	32,559	95	87	1,321	1,414	940	610	133,914	557,535	847,436	1,441,880	49,939	94	87	3321
214,537	4,438	86	90	71	81	77	1	23,378	96,888	133,262	213,321	9,966	86	89	3322
596,276	19,272	86	86	207	239	203	35	55,073	241,305	346,706	539,784	16,426	88	87	3323
(6)	118,818	(NA)	(NA)	(NA)	103	98	12	53,544	240,195	567,780	(6)	56,088	91	94	333
(6)	15,157	(12)	(12)	10	28	28	...	14,680	63,340	159,237	(6)	4,265	(12)	(12)	3331
(6)	725	(12)	(12)	5	13	13	...	4,063	17,393	30,772	(6)	1,404	(12)	(12)	3332
208,993	13,445	90	76	13	21	21	...	10,470	44,042	87,501	231,340	5,276	87	(NA)	3333
808,822	85,497	100	76	3	16	16	...	20,626	96,813	258,944	604,195	26,073	100	78	3334
96,565	3,994	92	24	24	25	10	12	3,704	18,605	50,953	187,869	19,069	90	28	3339
724,013	5,355	93	30	(NA)	354	140	147	15,155	68,822	144,800	742,188	9,254	(NA)	(NA)	3341
(6)	196,022	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	335
1,209,926	30,617	88	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3351
1,562,381	114,195	91	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3352
486,308	14,984	77	32	(NA)	105	67	12	11,954	57,481	126,018	403,359	13,564	(NA)	(NA)	3356
1,532,508	36,226	94	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3357
(6)	22,336	(NA)	(NA)	1,863	1,920	611	1,225	73,487	327,906	472,431	(6)	24,779	90	92	336
422,041	12,220	79	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3361
220,955	5,103	85	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3362
234,649	5,013	78	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3369
(6)	22,262	(NA)	(NA)	(NA)	758	(NA)	(NA)	54,146	266,668	(NA)	(6)	(NA)	(NA)	(NA)	339
670,916	13,513	86	72	247	259	182	78	39,771	201,938	294,112	603,228	15,862	88	73	3391
115,048	3,134	86	64	(NA)	31	(NA)	(NA)	5,418	25,324	(NA)	(NA)	(NA)	(NA)	(NA)	3392
141,172	5,615	98	87	(NA)	468	(NA)	(NA)	8,957	39,406	(NA)	(NA)	(NA)	(NA)	(NA)	3399
(6)	458,397	(NA)	(NA)	(NA)	22,042	7,382	13,465	1,060,431	4,605,409	8,021,147	(6)	447,567	(NA)	(NA)	34
1,824,106	52,881	98	99	109	227	175	37	55,234	245,134	500,408	1,381,359	50,093	98	99	3411
(6)	37,827	(NA)	(NA)	(NA)	1,930	743	1,019	143,676	599,952	1,040,680	(6)	60,796	87	90	342
179,271	2,370	93	98	179	182	79	91	15,102	56,062	120,951	173,565	2,393	88	96	3421
440,150	8,588	91	85	(NA)	780	261	430	33,397	134,138	229,241	375,672	9,383	(NA)	(NA)	3423
87,626	1,225	82	90	95	99	42	45	6,879	29,287	51,097	88,426	1,582	71	90	3425
1,347,879	25,644	89	93	852	869	361	453	88,296	380,464	638,962	1,126,335	47,436	86	90	3429
(6)	25,907	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	343
214,872	8,928	84	92	8307	8321	8129	141	830,612	8132,070	8239,465	8468,277	812,286	887	889	3431
250,326	3,564	91	83												3432
912,878	13,415	81	80												3433
(6)	138,129	(NA)	(NA)	(NA)	7,421	2,386	4,671	284,121	1,280,903	2,235,101	(6)	102,197	92	91	344
1,901,106	36,789	87	91	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	3441
1,037,371	18,055	91	93	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3442
1,670,007	45,043	89	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3443
1,077,811	22,339	88	82	2,363	2,421	550	1,765	50,190	227,272	393,606	812,238	18,770	81	80	3444
917,151	15,903	87	74	(NA)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(NA)	(NA)	3449
(6)	54,929	(NA)	(NA)	(NA)	2,252	667	1,605	88,738	397,679	665,077	(6)	37,976	(NA)	(NA)	345
425,113	11,222	94	87	1,791	1,795	411	1,421	35,009	151,444	243,565	406,457	11,886	93	82	3451
880,328	43,707	91	87	421	457	256	184	53,729	246,235	421,512	738,482	26,090	91	89	3452
2,101,736	50,439	86	87	(NA)	2,320	930	1,155	135,472	594,833	958,067	1,841,508	39,290	(NA)	(NA)	3461



Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
	Fabricated metal products— Continued										
347	Metal services, nec.....	(NA)	3,649	734	2,456	52,151	224,320	43,435	84,288	167,688	362,163
3471	Plating and polishing.....	2,614	2,646	542	1,854	36,471	156,274	30,543	59,082	117,703	253,784
3479	Metal coating, engraving, etc..	986	1,003	192	602	15,680	68,046	12,892	25,206	49,985	108,379
3481	Fabricated wire products, nec....	1,371	1,463	538	779	55,476	261,027	44,125	86,278	184,432	439,940
349	Fabricated metal products, nec...	(NA)	2,183	873	841	137,333	715,223	101,976	199,275	478,102	1,300,456
3491	Metal barrels, drums and pails.	78	125	74	22	9,640	53,005	7,657	15,058	38,065	94,548
3492	Safes and vaults.....	31	33	12	18	3,495	15,843	2,323	4,417	10,722	39,537
3493	Steel springs.....	84	90	43	41	6,758	35,607	5,242	9,978	25,499	54,135
3494	Valves and pipe fittings.....	549	588	345	145	74,994	400,331	54,371	106,186	262,395	716,056
3496	Collapsible tubes.....	18	22	20	7	3,837	16,118	3,367	6,852	12,453	25,257
3497	Metal foil and leaf.....	59	65	30	23	3,195	17,105	2,277	4,701	10,874	35,170
3498	Fabricated pipe and fittings...	273	286	136	93	15,214	84,015	11,139	22,238	55,347	155,621
3499	Fabricated metal products, nec.	962	974	213	492	20,200	93,199	15,600	29,845	62,747	180,132
35	Machinery, except electrical.	(NA)	29,839	7,360	18,041	1,348,245	7,303,661	949,132	1,852,822	4,646,579	12,391,190
351	Engines and turbines.....	(NA)	140	100	20	95,572	551,775	65,090	127,779	356,252	1,067,971
3511	Steam engines and turbines.....	21	28	25	1	45,347	274,589	29,319	57,791	172,091	568,643
3519	Internal combustion engines....	97	112	75	19	50,225	277,186	35,771	69,988	184,161	499,328
3522	Farm machinery and equipment.....	1,389	1,469	509	822	108,586	550,998	79,922	153,962	373,240	1,087,836
353	Construction & like equipment....	(NA)	2,048	929	728	199,711	1,073,263	133,561	256,872	638,147	2,054,841
3531	Construction machinery.....	532	579	295	165	95,304	496,751	66,510	124,622	310,252	1,022,801
3532	Mining machinery and equipment.	167	173	90	69	17,808	96,966	11,661	22,578	56,423	165,831
3533	Oil field machines & equipment.	351	389	168	136	31,878	174,692	20,724	41,215	101,916	336,788
3534	Elevators and moving stairways.	135	144	76	47	9,626	55,657	5,868	11,764	31,156	126,270
3535	Conveyors.....	401	420	150	160	20,789	119,431	12,698	25,584	62,578	192,892
3536	Hoists, cranes, and monorails..	78	81	54	20	9,520	53,566	6,555	12,988	32,840	92,759
3537	Industrial trucks and tractors.	254	262	96	131	14,786	76,200	9,545	18,121	42,982	117,500
354	Metalworking machinery.....	(NA)	7,930	1,812	4,867	233,523	1,379,556	174,330	343,612	943,711	2,058,049
3541	Metal-cutting machine tools....	611	627	231	315	52,864	300,344	36,154	69,616	182,171	420,961
3542	Metal-forming machine tools....	279	291	147	97	22,502	132,368	15,572	30,905	82,192	176,021
3544	Special dies and tools.....	5,715	5,745	994	3,877	83,308	536,588	68,916	139,877	415,241	780,090
3545	Machine tool accessories.....	865	905	297	445	41,521	226,949	29,304	56,299	143,663	348,580
3548	Metalworking machinery, nec....	349	362	143	133	33,328	183,307	24,384	46,915	120,444	332,397
355	Special industry machinery.....	(NA)	3,174	1,152	1,318	162,262	853,598	112,518	223,495	525,292	1,339,530
3551	Food products machinery.....	657	672	240	299	27,715	152,515	18,195	36,304	86,824	268,639
3552	Textile machinery.....	513	553	212	252	34,313	154,548	25,611	51,206	101,897	214,199
3553	Woodworking machinery.....	251	257	96	112	21,219	63,414	8,036	15,945	36,904	112,936
3554	Paper industries machinery.....	192	202	97	61	15,713	89,881	11,356	22,727	58,198	123,758
3555	Printing trades machinery.....	421	442	119	174	21,453	119,575	15,278	30,001	78,005	188,881
3559	Special industry machinery, nec <sup>8</sup>	1,025	1,048	388	420	50,849	273,665	34,042	67,312	163,464	431,117
356	General industrial machinery.....	(NA)	3,325	1,058	1,744	211,382	1,143,282	143,431	278,596	691,248	1,935,184
3561	Pumps and compressors.....	530	582	243	194	60,042	321,509	37,407	74,975	180,146	542,037
3562	Ball and roller bearings.....	86	107	81	20	46,439	241,160	35,757	67,323	169,117	407,744
3564	Blowers and fans.....	199	207	104	59	15,947	82,457	10,980	21,356	50,322	145,050
3565	Industrial patterns.....	1,170	1,174	96	1,066	8,870	54,746	7,683	13,950	45,370	78,108
3566	Power transmission equipment...	449	470	236	161	41,782	226,101	29,762	57,537	143,812	384,372
3567	Industrial furnaces and ovens..	197	201	89	44	10,288	57,394	5,774	11,671	26,859	96,450
3569	General industry machinery, nec	568	584	209	200	28,014	159,915	16,068	31,784	75,622	281,423
357	Office machines, nec.....	(NA)	346	188	86	121,615	667,480	80,948	156,358	398,707	970,529
3571	Computing and related machines <sup>8</sup>	119	136	71	37	80,864	473,455	50,523	98,497	269,013	579,103
3572	Typewriters.....	16	18	13	...	19,779	84,467	16,310	29,748	64,612	168,877
3576	Scales and balances <sup>8</sup> .....	71	72	32	25	5,347	26,574	3,515	6,886	14,974	49,125
3579	Office machines, nec.....	113	120	72	24	15,625	82,984	10,600	21,227	50,108	173,424
358	Service industry machines.....	(NA)	1,256	523	394	100,059	508,836	67,804	132,604	299,606	918,151
3581	Automatic vending machines....	119	121	53	37	7,894	37,049	5,557	10,846	21,945	64,694
3582	Commercial laundry equipment...	113	119	47	38	6,560	33,047	4,544	9,218	20,183	65,580
3584	Vacuum cleaners, industrial....	18	18	6	6	432	2,321	289	550	1,110	4,256
3585	Refrigeration machinery.....	600	625	278	187	67,715	342,169	46,210	90,352	204,934	598,032
3586	Measuring and dispensing pumps.	31	32	20	7	6,201	32,852	3,747	7,102	16,680	64,689
3589	Service industry machines, nec.	336	341	119	119	11,257	61,398	7,457	14,536	34,754	120,900
3599	Machine shops <sup>8</sup> .....	10,098	10,151	1,089	8,062	115,535	574,873	91,528	179,544	420,376	959,099
36	Electrical machinery.....	(NA)	8,091	3,799	2,301	1,122,284	5,605,985	808,621	1,589,497	3,509,746	10,395,369
361	Electric distribution products...	(NA)	1,069	485	231	134,395	724,346	90,543	181,527	426,210	1,338,652
3611	Electric measuring instruments <sup>8</sup>	476	492	200	119	46,923	254,833	31,702	63,646	147,165	419,396
3612	Transformers <sup>8</sup> .....	157	175	82	44	34,601	186,361	22,578	45,112	108,592	364,212
3613	Switchgear and switchboards....	339	402	203	68	52,871	283,152	36,263	72,769	170,453	555,044

See footnotes at end of table.



## by Industry Groups and Industries: 1958 and 1954-Continued

1958-Continued					1954										
Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)	Companies, number	Establishments, number		Proprietors and partners (number)	All employees		Value added by manufacture, adjusted <sup>2</sup> (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)	Code
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll (\$1,000)						
( <sup>6</sup> )	20,553	(NA)	(NA)	(NA)	3,233	628	2,605	48,371	182,558	284,732	( <sup>6</sup> )	16,271	(NA)	(NA)	347
359,116	15,877	(12)	(12)	2,423	2,451	465	2,026	36,066	136,933	214,330	307,398	12,862	(12)	(12)	3471
196,389	4,676	(12)	(12)	(NA)	782	163	579	12,305	45,625	70,402	105,233	3,409	(12)	(12)	3479
874,923	18,105	91	64	1,205	1,275	498	798	59,929	243,904	413,310	768,709	17,503	89	63	3481
( <sup>6</sup> )	59,627	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	349
250,256	4,583	92	86	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3491
58,790	683	78	97	25	26	10	16	3,442	15,030	29,583	41,758	714	87	97	3492
120,525	1,721	81	69	89	101	43	58	7,078	33,304	50,768	122,928	36,127	84	74	3493
1,241,535	32,748	89	88	523	556	314	175	75,016	333,213	579,006	989,463	24,869	85	86	3494
44,700	1,572	91	100	19	21	18	7	4,302	14,934	22,429	38,067	1,369	93	100	3496
88,871	2,855	83	50	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3497
329,979	4,103	89	93	237	250	130	108	12,670	62,092	122,408	249,923	4,804	92	88	3498
340,096	11,362	88	62	1,017	1,026	183	721	18,069	68,191	130,687	254,081	8,088	85	53	3499
( <sup>6</sup> )	676,419	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	35
( <sup>6</sup> )	61,191	(NA)	(NA)	(NA)	141	88	29	81,955	399,986	650,901	( <sup>6</sup> )	40,052	88	84	351
961,769	20,492	78	94	(NA)	141	88	29	81,955	399,986	650,901	( <sup>6</sup> )	40,052	(NA)	(NA)	3511
1,055,699	40,699	90	82												3519
2,421,873	49,779	90	94	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3522
( <sup>6</sup> )	87,576	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	353
2,107,352	44,810	88	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3531
342,035	6,507	72	77	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3532
585,268	18,341	92	94	319	315	158	155	33,687	161,802	327,509	542,500	18,188	89	93	3533
192,806	2,321	97	80	127	131	66	48	10,257	49,518	99,763	167,494	1,429	87	89	3534
385,714	7,197	81	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3535
184,722	5,056	79	78	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3536
269,328	3,344	93	84	234	245	96	121	15,797	71,824	124,455	260,063	7,088	88	83	3537
( <sup>6</sup> )	105,716	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	354
679,836	18,840	85	89	627	639	266	347	80,959	432,290	743,569	1,171,543	37,683	84	93	3541
317,657	11,723	82	80	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3542
1,060,566	43,242	93	68	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3544
511,456	15,277	85	85	1,007	1,022	317	714	44,877	212,665	341,399	486,764	16,598	87	74	3545
602,015	16,634	91	85	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3548
( <sup>6</sup> )	53,807	(NA)	(NA)	(NA)	2,900	1,104	1,350	165,746	754,538	1,223,538	( <sup>6</sup> )	45,722	87	85	355
456,171	7,583	87	84	650	672	261	302	33,205	152,518	261,779	432,200	7,571	84	86	3551
376,340	8,508	87	94	517	535	210	252	36,595	145,253	216,606	347,145	8,528	89	93	3552
214,376	6,924	78	86	247	249	96	128	11,973	53,821	102,525	178,799	4,329	84	81	3553
310,179	4,847	93	91	163	169	98	53	15,003	73,713	109,803	206,951	4,916	85	86	3554
309,797	8,496	95	92	342	358	109	164	21,960	110,679	178,966	276,320	6,634	95	90	3555
761,077	17,449	83	77	898	917	330	451	47,007	218,553	353,857	625,053	13,742	81	73	3559
( <sup>6</sup> )	109,683	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	356
1,114,053	24,078	87	85	463	496	237	183	60,324	272,632	495,471	974,810	18,015	82	78	3561
649,640	34,303	98	98	83	102	81	17	49,720	214,088	329,393	543,622	27,828	98	98	3562
271,629	5,569	83	79	208	214	106	87	18,125	80,850	153,366	279,693	5,873	83	76	3564
98,343	3,214	95	74	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3565
630,303	21,719	83	79	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3566
204,835	2,853	85	83	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3567
458,280	17,347	87	74	(*)	(*)	(*)	(*)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	3569
( <sup>6</sup> )	84,496	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	357
1,104,194	61,494	94	91	73	84	51	32	56,692	275,809	405,414	614,265	31,571	78	93	3571
238,173	9,779	82	99	15	18	14	2	18,435	67,399	136,953	178,799	2,789	80	97	3572
78,335	1,406	91	97	77	78	35	30	5,381	21,276	45,535	64,182	1,103	90	96	3576
264,513	11,817	84	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3579
( <sup>6</sup> )	31,358	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	358
141,635	2,798	92	92	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3581
119,499	1,934	93	95	101	104	46	44	6,543	28,630	56,644	103,747	1,062	83	93	3582
10,342	(13)	70	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3584
( <sup>6</sup> )	21,171	(12)	(12)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3585
119,045	2,238	75	89	31	31	19	9	7,438	34,201	59,722	118,856	1,750	69	91	3586
234,885	3,198	86	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3589
1,479,680	92,813	92	90	6,795	6,832	977	5,641	103,727	442,177	737,315	1,150,308	39,588	88	86	3599
( <sup>6</sup> )	449,925	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	36
( <sup>6</sup> )	48,276	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	361
673,522	19,103	74	81	299	303	143	98	33,049	145,131	245,588	368,186	16,133	75	76	3611
642,267	11,353	94	93	152	164	89	52	40,956	186,491	394,276	688,447	22,852	87	94	3612
962,558	17,820	80	90	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	3613



Table 3.—General Statistics for Operating Manufacturing Establishments,

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
362	Electrical machinery—Con. Electric industrial apparatus....	(NA)	1,061	528	256	156,332	819,108	107,006	210,839	496,164	1,447,753
3621	Motors and generators.....	317	378	237	71	93,541	488,854	64,795	127,799	303,785	813,124
3622	Industrial controls.....	205	216	75	51	27,150	145,270	17,311	33,660	81,769	281,890
3623	Welding apparatus.....	123	135	70	40	9,895	60,761	6,392	12,746	33,048	112,709
3624	Carbon and graphite products...	34	46	35	4	8,904	45,628	6,620	13,015	30,551	102,483
3629	Electric industrial goods, nec.	273	286	111	90	16,842	78,595	11,888	23,619	47,011	137,547
363	Household appliances.....	(NA)	651	321	164	142,951	731,626	108,632	213,089	499,931	1,548,808
3631	Household cooking equipment....	64	69	55	5	18,152	89,239	14,101	28,160	60,331	181,091
3632	Household refrigerators.....	25	26	26	...	41,493	221,439	33,177	65,592	167,352	433,369
3633	Household laundry equipment....	33	39	33	1	24,597	134,263	18,021	35,751	89,586	324,480
3634	Electric housewares and fans...	289	311	105	104	29,150	128,850	22,477	42,804	84,557	301,033
3635	Household vacuum cleaners <sup>8</sup> ....	27	27	14	3	5,330	29,863	3,750	7,454	17,956	84,180
3636	Sewing machines.....	83	85	17	40	9,607	48,314	7,004	13,343	32,782	61,991
3639	Household appliances, nec.....	86	94	71	11	14,622	79,658	10,102	19,985	47,367	162,664
364	Lighting and wiring devices.....	(NA)	1,819	736	742	123,334	564,196	95,215	185,848	382,901	1,176,672
3641	Electric lamps.....	35	66	52	7	21,495	95,298	18,236	35,119	73,625	270,498
3642	Lighting fixtures <sup>8</sup> .....	1,154	1,181	431	566	47,309	215,829	36,443	71,605	143,786	397,378
3643	Current carrying devices.....	404	422	160	136	34,808	151,687	25,962	50,383	97,718	294,189
3644	Noncurrent carrying devices....	138	150	93	33	19,722	101,382	14,574	28,741	67,772	214,607
365	Radio, TV, receiving equipment...	(NA)	328	197	67	73,926	326,045	57,905	112,645	220,304	687,026
3651	Radio and TV receiving sets...	216	234	144	43	66,505	292,664	52,047	100,487	196,565	593,953
3652	Phonograph records.....	85	94	53	24	7,421	33,381	5,858	12,158	23,739	93,073
366	Communication equipment.....	(NA)	607	315	129	215,059	1,203,898	133,684	264,951	652,317	2,038,438
3661	Telephone; telegraph apparatus <sup>8</sup>	1,767	1,795	55	22	85,544	460,499	55,547	107,833	275,071	740,855
3662	Radio, TV communication equip..	472	512	260	107	129,515	743,399	78,137	157,118	377,246	1,297,583
367	Electronic components.....	(NA)	1,687	852	371	197,910	853,803	155,242	302,313	570,737	1,433,885
3671	Electron tubes, receiving type.	71	85	41	14	36,968	149,540	30,931	57,271	110,707	285,799
3672	Cathode ray picture tubes.....	72	75	30	4	8,554	38,092	6,955	14,183	27,570	67,472
3673	Electron tubes, transmitting....	40	48	44	1	20,146	102,150	14,475	29,472	65,134	165,803
3679	Electronic components, nec.....	1,348	1,479	737	352	132,242	564,021	102,881	201,387	367,326	914,811
369	Electrical products, nec <sup>8</sup> .....	(NA)	869	365	341	78,377	382,963	60,394	118,285	261,182	724,135
3691	Storage batteries.....	207	276	106	135	14,924	76,961	11,787	23,205	55,459	150,061
3692	Primary batteries, dry and wet.	24	42	29	5	8,096	34,025	6,498	13,236	24,455	75,431
3693	X-ray and therapeutic apparatus <sup>8</sup>	124	126	33	43	5,258	30,686	3,012	5,856	14,308	58,436
3694	Engine electrical equipment....	147	166	98	43	39,840	201,949	30,915	60,212	140,618	366,626
3699	Electrical products, nec.....	247	259	99	115	10,259	39,342	8,182	15,776	26,342	73,581
37	Transportation equipment <sup>8</sup> ....	(NA)	6,607	2,662	3,322	1,557,759	9,164,581	1,134,640	2,266,224	6,019,960	15,283,694
371	Motor vehicles and equipment <sup>8</sup> ....	(NA)	2,283	1,024	1,006	577,188	3,318,106	458,220	905,241	2,478,291	6,750,675
3713	Truck and bus bodies.....	550	562	187	345	20,009	91,374	15,938	30,741	65,405	145,608
3715	Truck trailers.....	154	170	93	63	15,669	78,142	12,090	24,564	55,390	131,140
3717	Motor vehicles and parts <sup>8</sup> .....	1,257	1,551	744	598	541,510	3,148,590	430,192	849,936	2,357,496	6,473,927
372	Aircraft and parts <sup>8</sup> .....	(NA)	1,569	775	620	765,482	4,720,050	499,499	1,019,087	2,675,821	6,924,338
3721	Aircraft <sup>8</sup> .....	113	127	82	33	377,383	2,340,306	251,249	508,195	1,334,705	1 <sup>8</sup> 3,399,163
3722	Aircraft engines and parts.....	186	223	175	37	159,094	999,237	94,531	194,858	509,724	1,615,671
3723	Aircraft propellers and parts..	17	18	10	10	15,505	85,635	9,617	19,363	49,478	112,301
3729	Aircraft equipment, nec.....	1,148	1,201	508	540	213,500	1,294,872	144,102	296,671	781,914	1,797,203
373	Ships and boats.....	(NA)	1,970	499	1,344	144,442	773,429	122,309	238,053	619,170	1,070,996
3731	Ship building and repairing....	286	319	222	57	119,147	669,826	101,153	197,707	537,814	1 <sup>8</sup> 913,687
3732	Boat building and repairing....	1,626	1,651	277	1,287	25,295	103,603	21,156	40,346	81,356	157,309
374	Railroad equipment.....	(NA)	92	57	19	39,591	222,399	28,634	53,657	149,421	319,662
3741	Locomotives and parts.....	24	25	13	9	15,282	90,097	10,742	21,092	58,332	152,086
3742	Railroad and street cars.....	56	67	44	10	24,309	132,302	17,892	32,565	91,089	167,576
3751	Motorcycles, bicycles, & parts...	49	51	29	12	7,578	33,020	6,179	12,213	24,115	52,125
379	Transportation equipment, nec....	(NA)	642	278	321	23,478	97,577	19,799	37,973	73,142	165,898
3791	Trailer coaches.....	363	386	209	155	18,717	77,129	16,004	30,613	58,969	127,683
3799	Transportation equipment, nec..	253	256	69	166	4,761	20,448	3,795	7,360	14,173	38,215
38	Instruments & related products <sup>8</sup>	(NA)	3,526	1,193	1,449	296,558	1,578,481	202,373	398,744	921,498	2,906,390
3811	Scientific instruments.....	542	567	206	222	67,456	399,165	43,146	87,192	222,481	606,530
382	Mechanical measuring devices <sup>8</sup> ....	(NA)	710	273	234	75,562	387,462	50,172	98,581	225,956	716,095
3821	Mechanical measuring devices...	586	627	229	219	50,049	258,488	32,123	62,982	144,873	457,126
3822	Automatic temperature controls.	71	83	44	15	25,513	128,974	18,049	35,599	81,083	258,969
3831	Optical instruments and lenses...	222	224	58	111	7,184	37,586	5,141	10,485	23,459	60,387
384	Medical instruments & supplies...	(NA)	1,070	304	530	41,714	194,520	29,565	57,810	114,238	414,367
3841	Surgical & medical instruments.	223	231	88	97	10,293	44,878	8,061	16,162	31,039	85,153
3842	Surgical appliances & supplies.	553	590	161	305	24,179	114,867	16,277	31,460	62,122	257,640
3843	Dental equipment and supplies..	240	249	55	128	7,242	34,775	5,227	10,188	21,077	71,574
3851	Ophthalmic goods.....	226	246	104	95	18,223	71,465	15,272	29,988	53,525	136,696
3861	Photographic equipment.....	450	480	159	163	60,262	368,970	38,542	74,256	201,597	788,759

See footnotes at end of table.



## by Industry Groups and Industries: 1958 and 1954-Continued

1958-Continued					1954										
Value of shipments	Capital expenditures, new <sup>3</sup>	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>	Companies, number	Establishments, number		Proprietors and partners	All employees		Value added by manufacture, adjusted <sup>1</sup>	Value of shipments	Capital expenditures, new	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>	Code
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll						
(\$1,000)	(\$1,000)	(percent)	(percent)				(number)		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	
( <sup>6</sup> )	59,787	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	362
1,392,573	28,311	83	85	266	309	217	75	112,003	494,556	817,601	1,453,713	38,310	82	84	3621
413,163	7,611	79	70	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	(NA)	(NA)	3622
247,739	4,330	93	92	111	119	62	59	8,186	45,719	77,494	179,945	4,713	90	92	3623
154,925	11,068	97	95	43	53	31	13	8,297	35,976	64,579	111,718	6,492	98	94	3624
228,929	8,467	71	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3629
( <sup>6</sup> )	43,038	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	363
364,852	4,002	88	72	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3631
1,002,302	9,870	74	98	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3632
738,920	7,219	91	91	48	56	39	8	22,105	98,556	190,686	541,346	18,569	93	81	3633
559,090	9,985	86	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3634
142,020	2,217	93	83	37	39	21	15	8,383	38,867	89,877	160,512	2,094	80	88	3635
109,314	5,380	97	94	78	82	28	46	12,414	56,552	70,339	114,185	3,045	91	94	3636
378,758	4,365	79	83	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3639
( <sup>6</sup> )	42,296	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	364
417,516	8,276	94	98	35	66	53	7	21,963	78,921	216,230	330,864	8,288	94	99	3641
826,595	14,415	91	94	1,211	1,228	381	719	45,078	181,951	324,651	660,073	14,217	90	90	3642
486,186	9,629	86	79	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3643
413,758	9,976	78	89	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3644
( <sup>6</sup> )	15,319	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	365
1,548,006	11,308	91	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3651
148,731	4,011	97	98	135	143	34	52	6,152	23,312	58,689	92,546	2,992	94	97	3652
( <sup>6</sup> )	147,452	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	366
( <sup>6</sup> )	103,517	( <sup>12</sup> )	( <sup>12</sup> )	56	74	55	6	64,663	300,589	500,196	22,144	(*)	(NA)	(NA)	3661
2,414,620	43,935	83	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3662
( <sup>6</sup> )	72,247	(NA)	(NA)	(NA)	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>6</sup> )	( <sup>9</sup> )	(NA)	(NA)	367
382,526	11,514	89	96	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3671
159,252	1,406	96	84	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3672
258,474	9,021	83	81	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3673
1,445,684	50,306	88	82	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3679
( <sup>6</sup> )	21,510	(NA)	(NA)	(NA)	893	349	392	88,353	364,913	644,368	( <sup>6</sup> )	35,016	(NA)	(NA)	369
368,993	7,330	99	100	244	308	101	176	15,670	66,872	128,882	343,668	10,512	100	100	3691
138,215	2,343	99	98	20	41	33	...	10,773	36,633	58,490	123,803	2,088	98	98	3692
95,090	1,371	84	82	129	130	35	40	7,054	32,583	57,665	97,043	1,913	81	91	3693
631,868	9,102	87	84	154	169	105	60	46,349	200,279	336,623	612,344	18,172	85	87	3694
165,388	1,364	91	54	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3699
( <sup>6</sup> )	608,273	(NA)	(NA)	(NA)	5,349	2,318	2,976	1,705,501	8,300,103	13,428,014	( <sup>6</sup> )	924,898	(NA)	(NA)	37
( <sup>6</sup> )	322,911	(NA)	(NA)	(NA)	1,921	899	945	685,273	3,368,111	6,137,653	( <sup>6</sup> )	731,089	96	98	371
307,769	3,627	87	87	555	565	172	396	19,618	80,380	120,499	256,883	3,697	86	87	3713
334,724	4,638	84	93	115	130	78	45	16,381	72,904	115,718	316,832	2,788	82	93	3715
( <sup>6</sup> )	314,646	( <sup>12</sup> )	( <sup>12</sup> )	991	1,226	649	504	649,274	3,214,827	5,901,436	( <sup>6</sup> )	722,199	( <sup>12</sup> )	( <sup>12</sup> )	3717
( <sup>6</sup> )	205,499	(NA)	(NA)	(NA)	1,404	745	738	822,470	4,048,811	6,084,462	( <sup>6</sup> )	142,206	96	95	372
<sup>18</sup> 6,438,067	93,752	81	93	46	72	69	...	457,618	2,277,320	<sup>18</sup> 3,368,747	<sup>18</sup> 6,562,576	59,446	89	99	3721
3,512,073	55,883	94	93	202	234	183	62	167,383	819,181	1,302,239	3,268,863	46,689	93	91	3722
235,270	5,107	75	95	16	16	13	7	16,523	78,058	99,455	215,213	4,320	84	87	3723
3,031,089	50,757	84	63	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3729
( <sup>6</sup> )	54,035	(NA)	(NA)	(NA)	1,509	434	1,055	126,352	562,070	757,175	( <sup>6</sup> )	24,120	94	98	373
<sup>18</sup> 1,625,624	38,737	93	99	328	355	245	109	109,451	504,470	<sup>18</sup> 692,796	<sup>18</sup> 1,084,242	19,316	92	99	3731
329,009	15,298	93	95	1,146	1,154	189	946	16,900	57,599	86,305	163,626	4,804	93	85	3732
( <sup>6</sup> )	13,910	(NA)	(NA)	(NA)	86	63	6	51,575	243,536	328,051	( <sup>6</sup> )	25,445	83	90	374
407,540	5,275	85	90	25	29	23	3	20,891	104,274	164,006	444,418	6,370	82	95	3741
562,190	8,635	87	90	47	57	40	3	30,683	139,261	164,044	499,294	19,074	83	86	3742
121,527	2,549	84	93	44	46	29	14	7,061	28,060	40,177	100,477	1,476	86	92	3751
( <sup>6</sup> )	9,369	(NA)	(NA)	(NA)	383	148	218	12,767	49,511	79,217	( <sup>6</sup> )	2,965	(NA)	(NA)	379
461,053	6,939	99	99	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3791
92,811	2,430	86	73	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3799
( <sup>6</sup> )	123,621	(NA)	(NA)	(NA)	3,141	984	1,635	272,586	1,200,323	2,130,958	( <sup>6</sup> )	94,008	(NA)	(NA)	38
1,000,235	25,593	83	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3811
( <sup>6</sup> )	24,204	(NA)	(NA)	(NA)	614	223	275	69,422	302,624	542,663	( <sup>6</sup> )	21,487	87	79	382
726,823	18,215	86	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(NA)	(NA)	3821
359,430	5,989	88	94	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3822
102,966	3,438	90	66	202	204	60	99	8,749	38,352	55,371	83,339	3,816	91	59	3831
( <sup>6</sup> )	13,439	(NA)	(NA)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	384
130,477	2,812	83	76	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3841
461,846	9,110	84	90	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3842
115,667	1,517	95	92	193	197	49	112	7,103	28,206	53,290	79,171	1,434	95	94	3843
194,446	5,367	87	98	223	238	101	117	18,464	64,536	107,059	159,061	5,042	83	94	3851
1,204,905	46,770	94	94	428	449	150	208	63,008	308,324	595,900	960,119	38,664	88	96	3861



Table 3.—General Statistics for Operating Manufacturing Establishments.

Code	Industry group and industry	1958									Value added by manu- facture, adjusted <sup>2</sup> (\$1,000)
		Com- panies, number	Establishments, number		Proprie- tors and partners (number)	All employees		Production workers			
			Total	With 20 or more em- ployees		Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)	
387	Instruments and related products—Continued										
3871	Watches and clocks.....	(NA)	229	89	94	26,157	119,313	20,535	40,432	80,242	183,556
3872	Watches and clocks.....	153	168	65	72	23,505	106,739	18,308	36,080	70,808	165,158
	Watchcases.....	58	61	24	22	2,652	12,574	2,227	4,352	9,434	18,398
39	Miscellaneous manufacturing <sup>8</sup> 10 .....	(NA)	14,273	3,606	9,384	571,434	2,847,330	412,734	810,283	1,702,441	4,754,260
391	Jewelry and silverware.....	(NA)	2,086	344	1,654	41,867	185,551	32,716	63,356	127,974	323,316
3911	Jewelry, precious metal.....	1,300	1,302	183	1,071	21,010	94,503	15,771	30,515	60,228	165,549
3912	Jewelers' findings & materials.....	249	249	56	142	5,101	20,669	4,090	8,005	13,990	33,434
3913	Lapidary work.....	326	326	18	357	1,904	8,061	1,629	2,985	6,154	14,605
3914	Silverware and plated ware.....	198	209	87	84	13,852	62,318	11,226	21,851	47,602	109,728
3931	Musical instruments and parts....	253	274	117	122	17,450	81,657	13,617	26,616	57,778	131,703
394	Toys and sporting goods.....	(NA)	2,607	864	1,485	98,704	361,811	81,876	155,798	259,728	711,798
3941	Games and toys, nec.....	832	854	367	346	42,972	149,725	35,999	68,007	106,577	288,863
3942	Dolls.....	482	485	162	328	13,860	43,984	12,196	22,709	33,877	77,149
3943	Children's vehicles.....	56	58	33	13	4,708	19,625	3,946	7,712	14,932	31,727
3949	Sporting & athletic goods, nec.	1,169	1,210	302	798	37,164	148,477	29,735	57,370	104,342	314,059
395	Office supplies.....	(NA)	921	251	568	29,131	124,428	21,027	40,811	73,316	236,997
3951	Pens and mechanical pencils <sup>8</sup> ...	141	147	66	61	11,179	45,856	8,519	16,234	27,869	90,197
3952	Lead pencils and art goods.....	138	146	54	73	6,687	26,183	4,711	9,366	14,746	47,909
3953	Marking devices.....	497	525	70	409	5,447	24,775	3,875	7,357	15,603	39,940
3955	Carbon paper and inked ribbons.	97	103	61	25	5,818	27,614	3,922	7,854	15,098	58,951
396	Costume jewelry and notions.....	(NA)	2,205	571	1,503	56,274	193,621	46,984	88,180	136,498	338,324
3961	Costume jewelry.....	1,046	1,051	255	687	25,286	83,201	21,297	39,994	58,347	138,043
3962	Artificial flowers.....	428	431	101	347	6,770	19,021	5,932	11,038	14,377	34,650
3963	Buttons.....	347	356	87	293	6,462	21,526	5,504	10,425	15,817	37,967
3964	Needles, pins, and fasteners...	340	367	128	176	17,756	69,873	14,251	26,723	47,957	127,664
398	Miscellaneous manufacturing <sup>8</sup> .....	(NA)	6,180	1,459	4,052	328,008	1,900,262	216,514	435,522	1,047,147	3,012,122
399											
190											
3981	Brooms and brushes.....	713	723	179	554	17,082	64,573	13,557	25,601	42,917	137,496
3982	Hard surface floor coverings....	10	14	14	3	7,999	41,924	6,722	14,034	34,113	93,145
3983	Matches.....	18	23	20	1	5,127	21,097	4,350	8,505	16,400	41,776
3984	Candles.....	85	86	25	48	2,516	9,268	1,877	3,572	5,411	17,668
3987	Lamp shades.....	268	270	50	225	3,895	11,401	3,434	6,439	9,185	18,577
3988	Morticians' goods.....	562	592	219	339	17,362	73,736	13,805	27,760	50,604	128,879
3992	Furs, dressed and dyed.....	135	137	31	71	2,696	16,231	2,260	3,924	13,108	24,112
3993	Signs and advertising displays...	2,691	2,725	460	1,949	36,170	173,028	27,949	53,572	118,887	281,168
3995	Umbrellas, parasols and canes....	120	123	43	91	2,932	10,129	2,591	4,929	7,548	16,602
3999	Miscellaneous products, nec.....	1,235	1,259	264	725	27,285	109,053	21,890	42,116	76,299	192,313
1911	Guns, howitzers and mortars.....	4	5	4	...	251	1,970	124	297	819	2,942
1921	Artillery ammunition.....	23	25	17	3	4,028	20,358	2,727	5,405	12,593	26,811
1922	Ammunition loading.....	6	6	4	2	1,189	6,624	767	1,570	4,013	8,985
1925	Complete guided missiles.....	18	26	26	26	108,431	788,414	60,894	129,208	370,703	1,153,021
1929	Ammunition, nec.....	19	19	16	19	6,114	32,086	3,670	7,264	17,659	51,231
1931	Tanks and tank components.....	15	17	10	17	7,069	39,861	4,619	9,651	25,197	63,711
1941	Sighting & fire control equipment	22	25	20	25	45,506	304,273	23,695	47,831	132,838	457,757
1951	Small arms, 30 mm and under.....	34	34	23	34	8,010	39,213	5,823	11,580	27,240	51,005
1961	Small arms, ammunition.....	20	24	12	24	9,049	44,215	5,682	11,307	26,033	82,733
1999	Ordnance and accessories, nec....	45	47	22	48	15,297	92,808	10,078	20,957	55,580	162,190

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

\*The 1954 figures are not shown because of revisions in the Standard Industrial Classification system which resulted in noncomparable data. For complete explanation of revisions to each industry, see specific industry chapter in 1958 Census of Manufactures, volume II.

<sup>1</sup>The 1958 report form requested employment figures for "production workers" for four selected pay periods (i.e., production workers in the midmonth pay periods in March, May, August, and November). For all other employees, the mid-March figure was requested. Thus, the "All employees" figure is composed of an average of four monthly figures for the "production workers" plus the March figure for all other employees. For most industries in 1954, separate data for "All employees" and "Production workers" were collected for the same periods as 1958. However, for industries of a seasonal type, an average based on the midmonth employment for 12 months was used for 1954.

<sup>2</sup>Adjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered and other receipts such as the sale of scrap. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.

<sup>3</sup>Does not include expenditures for plants under construction and not yet in operation. Figures for such capital expenditures will be shown in other tables.



## by Industry Groups and Industries: 1958 and 1954—Continued

1958—Continued				1954												Code
Value of shipments	Capital expenditures, new <sup>3</sup>	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>	Companies, number	Establishments, number		Proprietors and partners	All employees		Value added by manufacture, adjusted <sup>2</sup>	Value of shipments	Capital expenditures, new <sup>3</sup>	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>		
					Total	With 20 or more employees		Number <sup>1</sup>	Payroll							
(\$1,000)	(\$1,000)	(percent)	(percent)				(number)		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)		
( <sup>6</sup> )	4,810	(NA)	(NA)	(NA)	209	87	97	29,504	119,189	200,676	( <sup>6</sup> )	3,981	82	90	387	
334,928	4,607	88	95	141	145	59	69	25,708	103,232	181,868	343,786	3,511	82	90	3871	
34,660	( <sup>13</sup> )	80	98	63	64	28	28	3,795	15,957	18,808	35,229	( <sup>13</sup> )	86	85	3872	
( <sup>6</sup> )	183,231	(NA)	(NA)	(NA)	14,588	3,856	10,399	614,644	2,356,891	3,909,238	( <sup>6</sup> )	137,098	(NA)	(NA)	39	
( <sup>6</sup> )	6,838	(NA)	(NA)	(NA)	2,101	376	1,712	47,930	182,808	302,058	( <sup>6</sup> )	7,339	93	96	391	
325,542	3,392	95	97	1,323	1,327	204	1,131	23,455	90,373	149,600	273,537	1,836	93	96	3911	
71,878	715	89	96	234	234	61	141	5,371	18,911	31,439	70,275	1,558	92	91	3912	
40,428	( <sup>13</sup> )	99	90	332	333	14	358	1,759	5,459	11,181	40,266	( <sup>13</sup> )	97	91	3913	
196,055	2,478	95	98	190	207	97	82	17,345	68,064	109,836	217,183	3,826	91	97	3914	
258,988	4,664	95	94	(NA)	242	111	119	15,407	61,219	94,213	( <sup>6</sup> )	1,922	96	96	3931	
( <sup>6</sup> )	33,119	(NA)	(NA)	(NA)	2,461	764	1,582	88,559	266,135	468,358	( <sup>6</sup> )	17,599	93	91	394	
544,056	16,513	93	90	872	886	308	488	38,242	113,208	206,706	391,323	8,358	95	89	3941	
161,924	5,469	98	94	484	484	165	364	15,119	38,938	66,351	145,210	2,247	92	97	3942	
70,438	831	84	78	58	60	37	20	6,278	24,308	35,461	77,213	1,325	76	90	3943	
577,815	10,306	88	91	1,007	1,031	254	710	28,919	89,681	159,852	308,824	5,662	90	86	3949	
( <sup>6</sup> )	9,892	(NA)	(NA)	(NA)	832	225	556	28,218	109,046	200,908	( <sup>6</sup> )	7,399	...	...	395	
150,279	3,829	93	93	138	140	61	71	10,879	44,123	84,121	129,975	3,054	89	95	3951	
98,494	2,049	88	92	(NA)	155	53	74	6,942	23,720	42,277	84,189	2,163	(NA)	(NA)	3952	
59,923	1,360	96	86	444	453	68	386	5,654	21,857	34,763	54,289	1,060	90	89	3953	
126,013	2,654	91	89	80	84	43	25	4,742	19,344	39,749	85,666	1,120	93	83	3955	
( <sup>6</sup> )	12,364	(NA)	(NA)	(NA)	2,364	630	1,827	66,675	200,398	318,312	( <sup>6</sup> )	10,165	91	94	396	
253,809	5,788	95	96	1,123	1,127	288	833	27,744	79,017	131,791	249,560	3,621	95	95	3961	
64,969	886	98	98	466	471	103	413	7,306	17,299	29,924	52,968	( <sup>13</sup> )	97	98	3962	
68,609	1,414	98	88	395	409	109	388	8,471	23,235	38,219	69,117	1,139	92	89	3963	
220,517	4,276	93	89	349	357	130	193	23,152	80,846	118,378	206,602	4,981	82	91	3964	
( <sup>6</sup> )	116,354	(NA)	(NA)	(NA)	6,572	1,750	4,603	358,209	1,493,683	2,422,132	( <sup>6</sup> )	86,319	(NA)	(NA)	398	
275,722	3,981	89	94	688	698	177	566	16,826	54,789	102,948	227,162	3,074	91	92	3981	
181,584	5,185	84	98	10	16	16	...	9,638	43,596	103,265	187,304	6,352	85	97	3982	
67,018	942	(D)	(D)	14	20	20	1	6,191	21,308	35,561	60,765	846	100	98	3983	
33,802	( <sup>13</sup> )	94	95	88	89	23	56	3,010	9,420	17,012	30,437	822	87	93	3984	
34,066	1,237	97	97	323	325	69	287	5,025	12,542	21,643	39,137	( <sup>13</sup> )	93	96	3987	
237,773	5,754	95	99	541	563	217	346	16,729	59,233	95,369	177,287	2,846	97	97	3988	
29,152	( <sup>13</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	158	160	35	103	3,459	16,420	24,005	29,199	( <sup>13</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	3992	
457,025	13,505	95	95	2,660	2,620	394	2,088	33,581	135,578	219,942	362,094	6,967	93	92	3993	
35,161	( <sup>13</sup> )	96	95	138	140	45	109	3,210	9,364	14,589	32,014	( <sup>13</sup> )	95	92	3995	
358,076	7,317	92	87	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	3999	
6,892	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1911	
58,587	836	81	51	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1921	
9,042	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1922	
2,206,710	46,137	74	83	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1925	
70,816	5,351	80	58	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1929	
212,372	1,524	89	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1931	
845,851	6,358	93	91	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1941	
79,107	2,128	91	81	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1951	
167,446	4,166	(NA)	94	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(N	(NA)	(NA)	(NA)	1961	
564,479	10,756	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1999	

<sup>4</sup>The "Primary product specialization ratio" measures the extent to which plants classified in the industry "specialize" in making products classified as primary to the industry. That is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments, (excluding "Miscellaneous receipts," such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair, etc.).

<sup>5</sup>The "Coverage ratio" measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry. That is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry.

<sup>6</sup>The total value of shipments and total cost of materials figures for industry groups (2- and 3-digit) and a few individual industries (4-digit) have not been published due to the extensive duplication arising from shipments from one establishment to another in the same industry classification. (See Introduction.)

<sup>7</sup>The 1958 and 1954 "All industries" totals are not strictly comparable because of differences in scope between the two years in Major Groups 32 and 35. The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for 1954.

<sup>8</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A of section relating to the specific industry in the 1958 Census of Manufactures, Volume II, for further information on the comparability of 1958 and 1954 statistics.

Footnotes continued on next page.



## GENERAL SUMMARY

Footnotes for Table 3—Continued

<sup>9</sup>Comparable data for selected industries and industry groups are not available due to the adoption of the revised Standard Industrial Classification for 1958. For a complete description of these revisions, see Appendix A. However, selected figures have been retabulated to present comparable 1954 and 1958 data. They are shown in the following table.

1958 SIC code and year	Total establishments	All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new
		Number	Payroll	Number	Man-hours	Wages		
2611, 2621, 2631, and 2661.....1958..	846	223,249	1,240,267	185,788	401,178	961,834	2,792,951	424,737
1954..	932	216,255	974,866	183,039	401,498	777,832	2,304,785	370,539
264 and 265.....1958..	4,425	332,149	1,539,618	262,741	533,193	1,077,163	2,914,523	193,761
1954..	4,072	311,452	1,229,804	252,684	518,440	878,886	2,325,365	162,183
275 and 276.....1958..	17,980	311,421	1,637,806	242,767	465,844	1,191,909	2,589,701	722,659
1954..	15,564	285,460	1,294,642	223,825	435,919	933,816	2,093,964	102,379
32 except 3273...1958..	11,375	492,152	2,293,364	401,811	795,739	1,732,972	4,852,890	371,296
1954..	11,162	491,814	1,938,085	412,031	827,012	1,496,029	3,866,229	300,647
327 except 3273..1958..	5,514	87,635	388,718	68,132	139,484	273,544	872,372	82,760
1954..	5,410	89,610	340,287	70,328	149,022	241,437	733,630	61,680
331 and 339.....1958..	1,623	630,368	3,871,843	510,568	946,349	2,912,977	7,304,686	1,028,819
1954..	1,559	707,002	3,309,803	594,027	1,129,949	2,600,735	6,355,748	678,434
3441 and 3449....1958..	3,452	133,374	727,501	98,865	197,754	475,298	1,222,702	52,692
1954..	2,917	116,274	527,386	88,068	179,901	352,662	930,502	37,768
35 and 36.....1958..	37,958	2,470,537	129,096,646	17,577,753	34,423,359	8,156,325	22,786,559	1,126,345
1954..	31,619	2,441,736	10,859,724	1,848,720	3,701,484	7,426,923	18,981,289	1,030,586
3613 and 3622....1958..	618	80,021	428,422	53,574	106,429	252,222	836,939	25,431
1954..	452	79,314	361,398	56,183	111,372	228,245	687,308	31,478
365, 366, and 367.....1958..	2,622	486,895	2,383,746	346,831	679,909	1,443,358	4,159,349	235,018
1954..	2,268	445,817	1,752,211	333,364	653,130	1,152,459	3,160,950	132,581

<sup>10</sup>Includes privately owned and/or operated establishments classified in Major Industry Group 19, "Ordnance and Accessories." Establishments which are Government-owned and operated are not included.

<sup>11</sup>Establishments in this industry reported value of production instead of value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to exclude any change in finished products inventories between the beginning and end of the year.

<sup>12</sup>For further qualifications of the ratio for this industry see Appendix B - Industry Descriptions.

<sup>13</sup>Less than \$500 thousand.

<sup>14</sup>It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count and the number of establishments in the smaller size classes, but has no appreciable effect on other statistics for this industry.

<sup>15</sup>The 1954 adjusted value added figures for industries classified in Major Group 27, Printing and Publishing Industries, do not reflect the change in inventories between the beginning and end of the year since inventory statistics were not collected from establishments classified in that industry group.

<sup>16</sup>Includes reports for Government-owned plants operated by private firms for the account of the Federal Government but excludes the activities of Government-owned and/or operated plants. However, capital expenditures of Government-owned-privately operated plants are excluded from the total for the industry.

<sup>17</sup>For 1958, a number of small establishments (under 20 employees) may have been misclassified in Industry 3661, Telephone; telegraph apparatus, because of insufficient product information. Although this has a significant effect on the number of establishments for this industry, it has virtually no effect on any of the other statistics, i.e., number of employees, salaries and wages, value added, etc. It is estimated that the effect on these principal statistics is less than 1 percent.

<sup>18</sup>Establishments in this industry reported value of work done instead of value of shipments. Consequently, the formula for computing adjusted value added by manufacture was not adjusted for any inventory changes between the beginning and end of the year. It does include value added by resales.



Table 4.—Detailed Statistics for All Operating Manufacturing Establishments in the United States by Major Industry Group: 1958

Item <sup>1</sup>	United States, total	Food and kindred products (SIC 20)	Tobacco products (SIC 21)	Textile mill products (SIC 22)	Apparel and related products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)
Number of establishments, total.....	298,182	41,619	504	7,675	29,297	37,789	10,160
With 1-19 employees.....	203,121	26,859	224	3,058	16,289	31,905	6,985
With 20-99 employees.....	68,077	10,996	142	2,589	10,350	4,917	2,406
With 100 employees or more.....	26,984	3,764	138	2,028	2,658	967	769
Proprietors and partners.....Number..	185,148	27,272	247	2,666	18,959	38,072	6,477
All employees:							
Number (average for the year).....	15,393,766	1,698,814	84,467	901,677	1,180,517	581,302	347,599
Payroll.....\$1,000..	73,749,749	7,553,284	294,650	2,938,140	3,585,646	1,986,109	1,388,669
Production workers:							
Number (average for the year).....	11,644,213	1,137,621	76,306	810,490	1,031,784	505,476	287,489
March.....	11,495,561	1,045,728	72,708	804,112	1,020,758	466,438	281,084
May.....	11,358,273	1,086,838	68,257	796,037	999,870	500,657	277,697
August.....	11,723,820	1,255,482	82,132	815,744	1,048,401	529,970	291,797
November.....	12,044,391	1,164,731	82,126	827,764	1,058,497	524,194	300,620
Man-hours.....1,000..	22,632,571	2,282,823	146,992	1,568,004	1,836,564	959,935	565,142
January-March.....do....	5,564,157	521,519	34,455	386,636	451,987	214,360	135,103
April-June.....do....	5,512,956	547,908	33,239	382,895	447,375	240,562	137,293
July-September.....do....	5,554,054	620,719	38,481	383,552	459,192	252,895	141,115
October-December.....do....	5,945,543	592,458	40,677	414,921	478,010	252,118	151,631
Wages.....\$1,000..	49,503,844	4,502,056	247,842	2,408,291	2,770,570	1,624,983	1,021,844
Value added by manufacture, adjusted.....do....	141,270,297	17,532,558	1,413,460	4,857,638	6,003,853	3,176,613	2,349,488
Cost of fuels consumed.....do....	2,829,777	289,844	4,289	84,003	15,747	70,177	14,899
Cost of electricity purchased.....do....	2,224,327	222,020	4,969	117,137	34,517	49,456	24,283
Manufacturers' inventories:							
Beginning of year, total.....do....	51,577,660	5,310,616	1,526,764	2,228,013	1,701,991	1,320,044	681,336
Finished products.....do....	17,053,750	2,995,877	551,462	874,641	751,837	571,837	194,728
Work-in-process.....do....	15,633,379	324,521	26,451	562,494	311,227	302,724	155,425
Materials, supplies, fuel, etc.....do....	18,890,530	1,990,218	948,852	790,878	638,927	445,483	331,183
End of year, total.....do....	49,651,459	5,489,609	1,500,226	2,085,739	1,633,385	1,348,210	683,036
Finished products.....do....	16,566,961	3,148,675	526,147	777,296	717,007	569,808	192,743
Work-in-process.....do....	15,034,845	330,586	23,735	552,790	307,898	300,531	158,615
Materials, supplies, fuel, etc.....do....	18,049,653	2,010,349	950,344	755,653	608,480	477,871	331,678
Expenditures for plant and equipment, total.....do....	9,596,686	1,009,526	38,946	246,312	97,538	297,741	88,939
New, total.....do....	9,075,759	964,624	38,069	211,744	89,450	276,893	81,746
New structures and additions to plant.....do....	3,009,401	286,576	7,476	37,354	25,450	91,016	30,442
New machinery and equipment.....do....	6,066,358	678,048	30,593	174,390	64,000	185,877	51,304
Used plant and equipment.....do....	520,927	44,902	877	34,568	8,088	20,848	7,193

See footnotes at end of table.



Table 4.—Detailed Statistics for All Operating Manufacturing Establishments in the United States by Major Industry Group: 1958—Continued

Item <sup>1</sup>	Paper and allied products (SIC 26)	Printing and publishing (SIC 27)	Chemicals and allied products (SIC 28)	Petroleum and coal products (SIC 29)	Rubber and plastics products, nec (SIC 30)	Leather and leather products (SIC 31)	Stone, clay and glass products (SIC 32)
Number of establishments, total.....	5,271	35,368	11,309	1,608	4,462	4,534	15,022
With 1-19 employees.....	2,047	28,532	7,558	955	2,635	2,309	10,544
With 20-99 employees.....	1,822	5,449	2,608	376	1,268	1,239	3,363
With 100 employees or more.....	1,402	1,387	1,143	277	559	986	1,115
Proprietors and partners.....Number..	1,360	24,875	3,072	334	1,528	2,115	8,701
All employees:							
Number (average for the year).....	555,398	864,101	699,166	179,166	347,842	349,050	554,042
Payroll.....\$1,000..	2,779,885	4,479,679	3,947,175	1,116,673	1,723,295	1,145,683	2,594,971
Production workers:							
Number (average for the year).....	448,529	529,504	453,411	130,508	270,500	310,048	445,866
March.....	442,241	528,045	458,737	128,652	266,748	311,435	428,916
May.....	440,640	530,811	456,252	132,116	258,068	298,150	441,778
August.....	450,972	530,171	449,935	132,881	270,955	313,348	460,686
November.....	456,540	537,798	449,986	128,212	287,588	317,992	454,693
Man-hours.....1,000..	934,371	995,923	908,824	255,360	530,976	565,874	883,823
January-March.....do....	229,066	244,093	229,440	62,883	129,634	143,448	207,918
April-June.....do....	229,046	247,047	226,696	64,533	126,675	134,280	218,888
July-September.....do....	232,460	240,234	219,321	64,657	128,304	139,387	227,362
October-December.....do....	242,575	249,402	229,543	62,992	144,993	148,759	229,455
Wages.....\$1,000..	2,038,997	2,590,865	2,244,318	758,422	1,211,372	912,024	1,933,949
Value added by manufacture, adjusted.....do....	5,707,474	7,922,962	12,270,371	2,518,424	3,276,612	1,897,465	5,528,952
Cost of fuels consumed.....do....	263,208	21,751	359,459	184,816	39,331	13,855	337,912
Cost of electricity purchased.....do....	116,262	51,592	428,569	77,773	58,520	14,726	130,791
Manufacturers' inventories:							
Beginning of year, total.....do....	1,441,122	1,160,370	3,072,360	1,884,253	956,842	529,104	1,262,959
Finished products.....do....	401,617	309,264	1,400,991	1,062,247	483,241	193,762	618,920
Work-in-process.....do....	150,603	251,627	453,501	415,808	151,334	132,439	155,355
Materials, supplies, fuel, etc.....do....	888,902	599,479	1,217,868	406,198	322,267	202,903	488,684
End of year, total.....do....	1,440,728	1,168,068	3,001,693	1,675,873	927,552	530,906	1,231,147
Finished products.....do....	429,190	312,281	1,384,440	923,350	480,395	189,857	615,957
Work-in-process.....do....	155,149	251,439	431,196	385,138	147,782	136,246	150,391
Materials, supplies, fuel, etc.....do....	856,389	604,348	1,186,057	367,385	299,375	204,803	464,799
Expenditures for plant and equipment, total.....do....	638,315	436,831	1,137,944	674,516	203,106	35,731	462,281
New, total.....do....	618,488	408,610	1,115,806	671,926	196,896	31,736	442,286
New structures and additions to plant.....do....	137,910	136,145	274,903	525,294	43,264	7,085	124,773
New machinery and equipment.....do....	480,578	272,465	840,903	146,632	153,632	24,651	317,513
Used plant and equipment.....do....	19,817	28,221	22,138	2,590	6,210	3,995	19,995

See footnotes at end of table.



Table 4—Detailed Statistics for All Operating Manufacturing Establishments in the United States  
by Major Industry Group: 1958—Continued

Item <sup>1</sup>	Primary metal industries (SIC 33)	Fabricated metal products (SIC 34)	Machinery, except electrical (SIC 35)	Electrical machinery (SIC 36)	Transpor- tation equipment (SIC 37)	Instruments and related products (SIC 38)	Miscel- laneous manufac- turing <sup>2</sup> (SIC 39)
Number of establishments, total.....	6,446	24,782	29,839	8,091	6,607	3,526	14,273
With 1-19 employees.....	3,035	16,470	22,479	4,292	3,945	2,333	10,667
With 20-99 employees.....	1,948	6,139	5,275	2,113	1,529	772	2,776
With 100 or more.....	1,463	2,173	2,085	1,686	1,133	421	830
Proprietors and partners.....Number..	2,282	12,691	18,041	2,301	3,322	1,449	9,384
All employees:							
Number (average for the year).....	1,096,359	1,057,986	1,348,245	1,122,284	1,557,759	296,558	571,434
Payroll.....\$1,000..	6,303,447	5,412,405	7,303,661	5,605,985	9,164,581	1,578,481	2,847,330
Production workers:							
Number (average for the year).....	886,594	812,587	949,132	808,621	1,134,640	202,373	412,734
March.....	888,174	802,717	984,518	802,128	1,160,440	203,507	399,475
May.....	849,462	787,150	953,326	771,254	1,108,760	199,241	401,909
August.....	874,815	819,251	926,886	800,100	1,049,705	199,844	420,745
November.....	934,760	848,170	947,421	861,587	1,221,023	207,712	432,977
Man-hours.....1,000..	1,676,937	1,603,453	1,852,822	1,589,497	2,266,224	398,744	810,283
January-March.....do....	416,721	393,018	485,852	399,364	586,512	100,228	191,920
April-June.....do....	394,259	387,581	468,967	381,511	548,224	98,994	196,983
July-September.....do....	403,445	392,126	423,430	373,697	523,301	92,323	198,053
October-December.....do....	462,222	426,386	460,047	433,053	605,086	105,220	215,994
Wages.....\$1,000..	4,713,957	3,724,130	4,646,579	3,509,746	6,019,960	921,498	1,702,441
Value added by manufacture, adjusted.....do....	11,671,341	9,412,183	12,391,190	10,395,369	15,283,694	2,906,390	4,754,260
Cost of fuels consumed.....do....	743,509	91,722	95,136	58,480	100,224	14,424	26,991
Cost of electricity purchased.....do....	366,960	108,687	114,721	95,122	152,196	17,211	37,815
Manufacturers' inventories:							
Beginning of year, total.....do....	5,370,848	3,768,211	5,973,626	3,707,146	7,011,192	999,786	1,671,077
Finished products.....do....	1,337,928	988,129	1,813,501	1,135,539	718,216	240,758	409,255
Work-in-process.....do....	1,506,794	1,190,398	2,544,063	1,489,245	4,358,619	501,799	648,952
Materials, supplies, fuel, etc.....do....	2,526,126	1,589,684	1,616,061	1,082,361	1,934,357	257,229	612,870
End of year, total.....do....	5,450,503	3,534,046	5,397,018	3,383,126	6,357,752	983,847	1,828,995
Finished products.....do....	1,409,728	936,312	1,668,930	969,583	639,962	237,344	437,956
Work-in-process.....do....	1,571,173	1,106,131	2,269,817	1,429,108	4,104,098	499,708	723,314
Materials, supplies, fuel, etc.....do....	2,469,602	1,491,603	1,458,271	984,433	1,613,692	246,795	667,726
Expenditures for plant and equipment, total.....do....	1,457,516	503,541	743,217	504,711	690,915	132,876	194,941
New, total.....do....	1,427,619	458,397	676,419	449,925	608,273	123,621	183,231
New structures and additions to plant.....do....	527,975	144,859	198,319	142,430	166,423	39,809	61,908
New machinery and equipment.....do....	899,644	313,538	478,100	307,495	441,850	83,812	121,322
Used plant and equipment.....do....	29,897	45,144	66,798	54,800	83,881	9,255	11,710

Note: Detailed figures may not add to totals because of independent rounding or dropping of fractions rather than rounding in computer operations.

<sup>1</sup>In 1958, establishments that reported on the short form (generally those with less than six employees) were asked to show only their total payroll, total expenditures for new plant and equipment, total beginning and end of year inventories, and total cost of materials, supplies, fuel and electric energy. Their 1958 totals were prorated on the basis of 1958 averages of the establishments in the industry that reported detailed payroll, inventory, expenditure, fuel and electric energy data by type to obtain figures representing all establishments for 1958. In addition, the breakdown of employment between production workers and other employees and the imputation of production worker man-hours were accomplished by the same method.

<sup>2</sup>Includes privately owned and/or operated establishments classified in Industry Group 19, "Ordnance and Accessories." Government owned and operated establishments are excluded from the data.



## GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
United States:						
1958.....	15,995,814	78,217,644	15,393,766	73,749,749	602,048	4,467,895
1954.....	16,098,653	65,866,573	15,645,491	62,962,664	453,162	2,903,909
New England:						
1958.....	1,398,720	6,293,787	1,359,919	6,045,201	38,801	248,586
1954.....	1,448,467	5,453,854	1,431,298	5,356,130	17,169	97,724
Maine:						
1958.....	98,262	377,186	97,690	373,155	572	4,031
1954.....	104,507	325,048	104,025	322,158	482	2,890
New Hampshire:						
1958.....	79,582	297,624	78,250	292,559	1,332	5,065
1954.....	77,332	246,719	77,071	245,346	261	1,373
Vermont:						
1958.....	32,495	132,466	32,335	131,712	160	754
1954.....	36,112	123,577	35,899	122,829	213	748
Massachusetts:						
1958.....	680,498	3,069,438	658,433	2,926,898	22,065	142,540
1954.....	685,441	2,575,649	677,140	2,528,296	8,301	47,353
Rhode Island:						
1958.....	113,975	451,683	112,880	444,144	1,095	7,539
1954.....	125,041	431,889	123,970	425,365	1,071	6,524
Connecticut:						
1958.....	393,908	1,965,390	380,331	1,876,733	13,577	88,657
1954.....	420,034	1,750,972	413,193	1,712,136	6,841	38,836
Middle Atlantic:						
1958.....	4,110,205	20,450,201	3,881,843	18,679,014	228,362	1,771,187
1954.....	4,285,636	17,862,570	4,105,248	16,656,158	180,388	1,206,412
New York:						
1958.....	1,914,258	9,616,870	1,782,380	8,573,246	131,878	1,043,624
1954.....	2,000,717	8,444,256	1,895,982	7,734,388	104,735	709,868
New Jersey:						
1958.....	795,260	4,067,680	761,916	3,822,892	33,344	244,788
1954.....	813,215	3,511,045	787,593	3,352,425	25,622	158,620
Pennsylvania:						
1958.....	1,400,687	6,765,651	1,337,547	6,282,876	63,140	482,775
1954.....	1,471,704	5,907,269	1,421,673	5,569,345	50,031	337,924
East North Central:						
1958.....	4,259,627	22,979,582	4,084,360	21,678,590	175,267	1,300,992
1954.....	4,596,858	20,885,110	4,458,019	19,992,316	138,839	892,794
Ohio:						
1958.....	1,200,646	6,517,038	1,162,276	6,229,228	38,370	287,810
1954.....	1,291,291	5,815,334	1,265,606	5,643,946	25,685	171,388
Indiana:						
1958.....	551,009	2,874,299	544,347	2,826,593	6,662	47,706
1954.....	588,408	2,533,375	583,821	2,507,314	4,587	26,061
Illinois:						
1958.....	1,188,235	6,215,622	1,139,412	5,864,600	48,823	351,022
1954.....	1,222,164	5,419,543	1,177,043	5,134,917	45,121	284,626
Michigan:						
1958.....	880,428	5,164,299	809,590	4,618,694	70,838	545,605
1954.....	1,056,011	5,248,902	1,001,630	4,891,749	54,381	357,153
Wisconsin:						
1958.....	439,309	2,208,324	428,735	2,139,475	10,574	68,849
1954.....	438,984	1,867,956	429,919	1,814,390	9,065	53,566
West North Central:						
1958.....	962,858	4,608,361	932,590	4,407,575	30,268	200,786
1954.....	962,040	3,854,696	936,854	3,718,695	25,186	136,001
Minnesota:						
1958.....	219,769	1,088,835	209,187	1,020,211	10,582	68,624
1954.....	208,506	865,254	200,522	822,138	7,984	43,116
Iowa:						
1958.....	166,126	812,475	164,499	801,705	1,627	10,770
1954.....	163,669	648,361	162,705	643,980	964	4,381

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
West North Central—Continued						
Missouri:						
1958.....	380,290	1,770,061	364,006	1,659,111	16,284	110,950
1954.....	381,873	1,496,742	368,479	1,420,103	13,394	76,639
North Dakota:						
1958.....	6,324	26,198	6,324	26,198	...	...
1954.....	5,613	19,228	5,604	19,189	9	39
South Dakota:						
1958.....	12,901	54,786	12,901	54,786	...	...
1954.....	11,543	41,128	11,531	41,096	12	32
Nebraska:						
1958.....	58,625	265,208	57,709	258,991	916	6,217
1954.....	59,404	223,500	56,996	213,732	2,408	9,768
Kansas:						
1958.....	118,823	590,798	117,964	586,573	859	4,225
1954.....	131,432	560,483	131,017	558,457	415	2,026
South Atlantic:						
1958.....	1,888,903	7,278,947	1,844,724	6,943,670	44,179	335,277
1954.....	1,777,337	5,698,811	1,745,368	5,480,898	31,969	...
Delaware:						
1958.....	58,091	348,645	40,491	191,783	17,600	156,862
1954.....	54,530	267,354	39,418	151,269	15,112	116,085
Maryland:						
1958.....	259,078	1,255,269	256,897	1,241,823	2,181	13,446
1954.....	255,447	1,002,037	253,144	987,559	2,303	14,478
District of Columbia:						
1958.....	21,285	113,949	20,818	109,653	467	4,296
1954.....	20,706	92,274	20,399	90,083	307	2,191
Virginia:						
1958.....	258,066	986,160	251,909	948,960	6,157	37,200
1954.....	242,768	776,820	239,733	760,454	3,035	16,366
West Virginia:						
1958.....	117,828	586,038	114,431	560,136	3,397	25,902
1954.....	122,390	494,893	118,568	472,560	3,822	22,333
North Carolina:						
1958.....	462,379	1,489,853	455,467	1,445,574	6,912	44,279
1954.....	434,612	1,184,897	430,001	1,157,416	4,611	27,481
South Carolina:						
1958.....	225,510	732,149	224,549	726,644	961	5,505
1954.....	219,923	634,756	219,447	632,709	476	2,547
Georgia:						
1958.....	314,303	1,076,544	312,350	1,062,498	1,953	14,046
1954.....	303,017	853,496	301,290	843,557	1,727	9,939
Florida:						
1958.....	172,363	690,340	167,812	656,599	4,551	33,741
1954.....	123,944	389,284	123,368	385,291	576	3,993
East South Central:						
1958.....	783,499	3,101,757	767,104	2,991,764	16,395	109,993
1954.....	729,115	2,364,648	714,758	2,288,840	14,760	75,808
Kentucky:						
1958.....	162,228	721,348	157,754	693,174	4,474	28,174
1954.....	151,093	554,780	146,434	529,206	4,659	25,574
Tennessee:						
1958.....	282,856	1,105,837	275,790	1,058,364	7,066	47,473
1954.....	267,093	881,172	260,599	850,175	6,494	30,997
Alabama:						
1958.....	229,830	920,009	225,358	887,204	4,472	32,805
1954.....	220,077	690,015	217,084	672,109	2,993	17,906
Mississippi:						
1958.....	108,585	354,563	108,202	353,022	383	1,541
1954.....	90,852	238,681	90,641	237,350	211	1,331

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
West South Central:						
1958.....	796,818	3,660,302	771,432	3,482,344	25,386	177,958
1954.....	731,005	2,779,536	713,363	2,678,358	17,642	101,178
Arkansas:						
1958.....	88,655	292,731	87,899	288,146	756	4,585
1954.....	79,052	221,763	78,391	218,473	661	3,290
Louisiana:						
1958.....	136,944	621,397	136,377	618,089	567	3,308
1954.....	145,486	534,883	144,757	531,639	729	3,244
Oklahoma:						
1958.....	93,337	458,183	80,752	367,935	12,585	90,248
1954.....	89,257	363,627	79,851	307,902	9,406	55,725
Texas:						
1958.....	477,882	2,287,991	466,404	2,208,174	11,478	79,817
1954.....	417,210	1,659,263	410,364	1,620,344	6,846	38,919
Mountain:						
1958.....	229,432	1,150,783	225,296	1,123,100	4,136	27,683
1954.....	185,012	737,540	182,440	723,281	2,572	14,259
Montana:						
1958.....	20,315	94,827	20,197	94,090	118	737
1954.....	18,519	72,090	18,373	71,289	146	801
Idaho:						
1958.....	27,582	128,146	27,239	126,015	343	2,131
1954.....	24,197	94,221	24,024	92,986	173	1,235
Wyoming:						
1958.....	6,704	33,516	6,355	31,173	349	2,343
1954.....	6,261	26,890	6,228	26,774	33	116
Colorado:						
1958.....	77,574	405,301	75,542	390,918	2,032	14,383
1954.....	64,446	254,754	63,041	247,110	1,405	7,644
New Mexico:						
1958.....	13,740	59,428	13,643	58,694	97	734
1954.....	9,709	32,938	9,603	32,433	106	505
Arizona:						
1958.....	40,850	216,281	40,569	214,390	281	1,891
1954.....	26,210	110,684	26,090	109,868	120	816
Utah:						
1958.....	37,633	186,189	36,747	181,040	886	5,149
1954.....	29,947	120,623	29,364	117,520	583	3,103
Nevada:						
1958.....	5,034	27,095	5,004	26,780	30	315
1954.....	5,723	25,340	5,717	25,301	6	39
Pacific:						
1958.....	1,565,670	8,693,313	1,526,416	8,397,880	39,254	295,433
1954.....	1,382,178	6,226,333	1,357,138	6,062,013	25,040	164,320
Washington:						
1958.....	215,017	1,173,302	212,049	1,157,119	2,968	16,183
1954.....	194,071	854,093	192,354	842,660	1,717	11,433
Oregon:						
1958.....	133,976	648,614	132,572	639,672	1,404	8,942
1954.....	135,309	566,671	134,343	561,580	966	5,091
California:						
1958.....	1,216,677	6,871,397	1,181,795	6,601,089	34,882	270,308
1954.....	1,052,798	4,805,569	1,030,441	4,657,773	22,357	147,796
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup>						
Akron:						
1958.....	83,366	476,270	79,403	448,542	3,963	27,728
1954.....	88,561	406,264	85,905	389,094	2,656	17,170
Albany-Schenectady-Troy:						
1958.....	72,359	391,062	63,275	324,438	9,084	66,624
1954.....	85,492	387,793	79,997	352,697	5,495	35,096
Albuquerque:						
1958.....	6,677	32,267	6,613	31,944	64	323
1954.....	4,026	14,208	3,929	13,745	97	463

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Allentown-Bethlehem-Easton:						
1958.....	93,923	430,209	88,335	379,423	5,588	50,786
1954.....	94,208	354,288	90,265	323,179	3,943	31,109
Altoona:						
1958.....	10,400	39,595	10,391	39,556	9	39
1954.....	8,417	25,939	8,417	25,939	...	...
Amarillo:						
1958.....	3,707	16,600	3,633	16,121	74	479
1954.....	3,228	12,901	3,147	12,429	81	472
Anderson:						
1958.....	23,467	123,761	23,467	123,761	...	...
1954.....	25,725	114,815	25,725	114,815	...	...
Ann Arbor:						
1958.....	18,074	103,935	17,333	98,940	741	4,995
1954.....	21,642	102,875	21,161	99,821	479	3,054
Asheville:						
1958.....	12,173	43,796	12,161	43,757	12	39
1954.....	11,086	35,411	11,071	35,391	15	20
Atlanta:						
1958.....	83,738	380,436	82,451	371,096	1,287	9,340
1954.....	81,966	300,207	80,627	292,915	1,339	7,292
Atlantic City:						
1958.....	7,139	23,282	7,132	23,245	7	37
1954.....	6,202	18,428	6,202	18,428	...	...
Augusta:						
1958.....	23,103	104,202	22,720	102,657	383	1,545
1954.....	27,948	112,821	27,748	112,011	200	810
Austin:						
1958.....	4,996	18,908	4,884	18,125	112	783
1954.....	3,388	11,003	3,388	11,003	...	...
Bakersfield:						
1958.....	5,545	30,731	5,318	27,617	227	3,114
1954.....	3,250	14,637	3,181	14,258	69	379
Baton Rouge:						
1958.....	19,035	119,476	19,012	119,313	23	163
1954.....	18,909	98,547	18,882	98,399	27	148
Baltimore:						
1958.....	197,814	1,011,390	195,926	1,000,290	1,888	11,100
1954.....	196,138	808,905	194,249	797,160	1,889	11,745
Bay City:						
1958.....	9,315	50,881	9,315	50,881	...	...
1954.....	10,691	46,787	10,691	46,787	...	...
Beaumont-Port Arthur:						
1958.....	32,527	195,174	32,077	191,512	450	3,662
1954.....	31,030	151,993	30,825	150,639	205	1,354
Binghamton:						
1958.....	39,787	194,124	38,057	186,374	1,730	7,750
1954.....	42,147	165,368	40,502	159,561	1,645	5,807
Boston:						
1958.....	302,865	1,463,401	285,611	1,351,628	17,254	111,773
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Birmingham:						
1958.....	63,495	335,698	60,450	312,794	3,045	22,904
1954.....	60,663	253,862	57,762	236,624	2,901	17,238
Bridgeport:						
1958.....	64,706	331,544	62,859	319,448	1,847	12,096
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Brockton:						
1958.....	15,754	58,797	15,489	57,647	265	1,150
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Buffalo:						
1958.....	173,467	978,633	169,877	954,466	3,590	24,167
1954.....	203,357	946,591	200,801	933,873	2,556	12,718

See footnotes at end of table.



## GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Chattanooga:						
1958.....	40,945	166,305	40,697	164,878	248	1,427
1954.....	43,019	145,186	42,759	143,569	260	1,617
Canton:						
1958.....	51,166	269,691	50,489	265,068	677	4,623
1954.....	56,925	248,897	56,762	247,442	163	1,455
Cedar Rapids:						
1958.....	19,045	98,650	18,859	97,718	186	932
1954.....	18,593	75,970	18,457	75,434	136	536
Charlotte:						
1958.....	25,369	100,671	24,364	94,254	1,005	6,417
1954.....	22,375	73,374	21,635	68,387	740	4,987
Chicago:						
1958.....	855,877	4,590,659	813,569	4,280,994	42,308	309,665
1954.....	889,784	3,827,920	849,438	3,802,346	40,346	255,754
Chicago, Ill.—Northwestern Ind.:						
1958.....	955,871	5,204,179	911,823	4,881,584	44,048	322,595
1954.....	991,642	4,545,600	950,954	4,287,691	40,688	257,909
Cincinnati:						
1958.....	151,318	809,356	144,464	760,128	6,854	49,228
1954.....	154,153	690,139	151,189	672,891	2,964	17,248
Champaign-Urbana:						
1958.....	2,718	12,434	2,428	11,240	290	1,194
1954.....	2,446	9,671	2,446	9,671	...	...
Charleston, South Carolina:						
1958.....	9,354	34,854	9,330	34,676	24	178
1954.....	9,282	27,150	9,233	29,930	49	220
Charleston, West Virginia:						
1958.....	22,862	140,866	20,924	125,891	1,938	14,975
1954.....	23,224	119,049	21,222	107,455	2,002	11,594
Cleveland:						
1958.....	264,529	1,512,726	253,130	1,420,577	11,399	92,149
1954.....	301,359	1,443,519	291,037	1,376,234	10,322	67,285
Columbia:						
1958.....	11,183	34,304	11,168	34,234	15	70
1954.....	9,977	26,048	9,971	26,025	6	23
Columbus, Ohio:						
1958.....	71,598	376,062	68,231	357,688	3,367	18,374
1954.....	73,633	318,569	72,936	314,521	697	4,048
Columbus, Georgia:						
1958.....	17,105	51,245	17,105	51,245	...	...
1954.....	17,913	43,788	17,913	43,788	...	...
Corpus Christi:						
1958.....	7,672	39,820	7,454	38,172	218	1,648
1954.....	6,910	29,328	6,721	28,241	189	1,087
Dallas:						
1958.....	95,087	460,953	91,149	432,975	3,938	27,978
1954.....	80,462	319,408	77,787	303,582	2,675	15,826
Davenport-Rock Island-Moline:						
1958.....	35,961	199,222	35,002	189,816	959	9,406
1954.....	36,021	160,156	35,284	154,388	737	5,768
Dayton:						
1958.....	96,534	547,130	94,537	537,425	1,997	9,705
1954.....	107,448	510,210	106,007	499,406	1,441	10,804
Decatur:						
1958.....	14,057	71,762	13,983	71,175	74	587
1954.....	12,217	53,530	12,184	52,880	33	650
Denver:						
1958.....	53,686	286,018	52,084	274,272	1,602	11,746
1954.....	43,107	177,589	41,854	170,744	1,253	6,845

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Des Moines:						
1958.....	23,230	119,147	23,004	117,457	226	1,690
1954.....	22,524	94,931	22,482	94,592	42	339
Detroit:						
1958.....	467,825	2,972,087	405,035	2,480,281	62,790	491,806
1954.....	589,941	3,113,153	538,223	2,773,349	51,718	340,404
Dubuque:						
1958.....	10,581	56,027	10,416	55,352	165	675
1954.....	10,326	42,495	10,322	42,446	4	49
Duluth-Superior:						
1958.....	11,375	56,429	11,290	55,901	85	528
1954.....	12,740	49,739	12,724	49,617	16	122
Durham:						
1958.....	12,638	47,006	12,453	45,552	185	1,454
1954.....	13,213	40,435	13,076	39,598	137	837
El Paso:						
1958.....	11,526	43,254	11,205	41,162	321	2,092
1954.....	9,465	29,780	9,232	28,534	233	1,246
Erie:						
1958.....	34,858	178,776	34,858	176,776	...	...
1954.....	40,647	173,049	40,488	171,969	159	1,080
Evansville:						
1958.....	26,707	126,977	26,690	126,835	17	142
1954.....	34,684	143,318	34,623	143,048	61	270
Fall River:						
1958.....	23,665	74,664	23,663	74,658	2	6
1954.....	27,005	74,066	26,990	73,942	15	124
Fitchburg-Leominster:						
1958.....	16,718	73,207	16,644	71,994	74	1,213
1954.....	(4)	(4)	(4)	(4)	(4)	(4)
Flint:						
1958.....	57,651	343,001	57,536	342,303	115	698
1954.....	75,414	387,722	75,410	387,681	4	41
Fort Smith:						
1958.....	8,140	28,842	8,129	28,727	11	115
1954.....	6,376	19,472	6,376	19,472	...	...
Fort Wayne:						
1958.....	33,360	184,046	31,328	168,768	2,032	15,278
1954.....	35,187	162,240	33,012	149,898	2,175	12,342
Fort Worth:						
1958.....	56,522	293,650	55,344	288,235	1,178	5,415
1954.....	50,075	215,661	49,605	213,912	470	1,749
Fresno:						
1958.....	12,507	55,294	12,428	54,757	79	537
1954.....	12,786	50,923	12,747	50,734	39	189
Gadsden:						
1958.....	11,714	58,724	11,714	58,724	...	...
1954.....	12,760	47,483	12,760	47,483	...	...
Galveston:						
1958.....	10,962	66,705	10,631	63,842	331	2,863
1954.....	10,910	54,437	10,910	54,437	...	...
Gary-Hammond-East Chicago:						
1958.....	99,994	613,520	98,254	600,590	1,740	12,930
1954.....	101,858	487,500	101,516	485,345	342	2,155
Grand Rapids:						
1958.....	44,468	233,995	44,304	232,923	164	1,072
1954.....	52,372	244,845	52,337	244,270	35	575
Green Bay:						
1958.....	12,228	59,998	12,183	59,670	45	328
1954.....	11,226	48,055	11,071	47,193	155	862

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Greensboro-High Point:						
1958.....	41,873	144,077	40,115	132,090	1,758	11,987
1954.....	38,588	112,415	37,380	104,332	1,208	8,083
Greenville:						
1958.....	30,007	97,893	29,789	96,459	218	1,434
1954.....	27,470	78,807	27,349	78,079	121	728
Hamilton-Middletown:						
1958.....	31,102	194,475	29,230	172,475	1,872	22,000
1954.....	33,052	164,221	31,764	152,989	1,288	11,232
Harrisburg:						
1958.....	32,797	137,251	31,718	129,846	1,079	7,405
1954.....	32,217	109,550	31,681	106,923	536	2,627
Hartford:						
1958.....	87,427	453,977	83,183	423,811	4,244	30,166
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Houston:						
1958.....	93,220	514,806	89,294	485,267	3,926	29,539
1954.....	79,147	372,063	77,756	362,976	1,391	9,087
Huntington-Ashland:						
1958.....	22,882	118,300	22,139	113,673	743	4,627
1954.....	24,722	100,137	24,178	97,212	544	2,925
Indianapolis:						
1958.....	96,435	533,278	95,153	524,518	1,282	8,760
1954.....	103,147	469,429	102,233	464,243	914	5,186
Jackson, Michigan:						
1958.....	14,904	80,972	14,899	80,834	5	38
1954.....	15,806	73,628	15,575	72,444	231	1,184
Jackson, Mississippi:						
1958.....	9,294	34,550	9,228	34,177	66	373
1954.....	7,452	21,900	7,421	21,557	31	343
Jacksonville:						
1958.....	19,229	77,723	19,091	76,863	138	860
1954.....	17,402	58,172	17,343	57,854	59	318
Jersey City:						
1958.....	124,348	619,229	120,678	591,645	3,670	27,584
1954.....	136,639	590,626	133,063	569,410	3,576	21,216
Johnstown:						
1958.....	23,648	110,377	23,462	108,902	186	1,475
1954.....	23,431	84,113	23,227	82,667	204	1,446
Kalamazoo:						
1958.....	25,063	136,541	24,321	132,016	742	4,525
1954.....	24,088	108,806	23,948	108,035	140	771
Kansas City:						
1958.....	102,351	521,133	99,571	504,810	2,600	16,323
1954.....	117,501	512,195	115,132	497,764	2,369	14,431
Kenosha:						
1958.....	15,529	84,774	15,436	84,128	93	646
1954.....	15,207	66,572	15,113	65,925	94	647
Knoxville:						
1958.....	34,545	168,608	31,020	135,533	4,525	33,075
1954.....	34,002	120,099	33,903	119,668	99	431
Lancaster:						
1958.....	44,030	191,109	42,295	177,311	1,735	13,798
1954.....	43,681	157,769	42,545	150,619	1,136	7,150
Lansing:						
1958.....	25,795	150,921	24,739	144,921	1,056	6,000
1954.....	33,144	165,948	32,171	160,488	973	5,460
Laredo:						
1958.....	940	2,164	940	2,164	...	...
1954.....	856	1,658	844	1,602	12	56

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Lawrence-Haverhill:						
1958.....	36,206	148,650	35,936	146,500	270	2,150
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Lewiston-Auburn: <sup>5</sup>						
1958.....	13,046	42,456	12,969	41,917	77	539
Lexington:						
1958.....	7,826	36,815	7,717	35,767	109	1,048
1954.....	4,420	13,635	4,317	13,156	103	479
Lima:						
1958.....	13,533	71,364	13,526	71,274	7	90
1954.....	14,722	58,038	14,691	57,831	31	207
Lincoln:						
1958.....	8,626	38,882	8,498	38,116	128	766
1954.....	8,681	32,342	8,681	32,342	...	...
Little Rock-North Little Rock:						
1958.....	13,415	47,467	13,392	47,398	23	69
1954.....	11,640	34,008	11,626	33,889	14	119
Lorain-Elyria:						
1958.....	24,823	144,324	23,732	137,574	1,091	6,750
1954.....	30,528	138,576	30,096	136,363	432	2,213
Los Angeles-Long Beach:						
1958.....	729,216	4,148,525	712,711	4,020,622	16,505	127,903
1954.....	648,826	2,992,773	641,065	2,943,000	7,761	49,773
Louisville:						
1958.....	86,653	434,598	83,189	412,348	3,464	22,250
1954.....	88,518	375,717	84,653	354,192	3,865	21,525
Lowell:						
1958.....	18,303	66,671	18,107	65,120	196	1,551
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Lubbock:						
1958.....	4,191	17,368	4,191	17,368	...	...
1954.....	2,837	10,231	2,818	10,134	19	97
Lynchburg:						
1958.....	15,809	57,007	15,223	53,926	586	3,081
1954.....	13,945	53,094	13,945	53,094	...	...
Macon:						
1958.....	10,964	38,632	10,721	37,099	243	1,533
1954.....	10,770	31,441	10,542	30,137	228	1,304
Madison:						
1958.....	12,367	63,327	11,737	57,983	630	5,344
1954.....	13,911	59,423	13,355	55,714	556	3,709
Manchester:						
1958.....	18,029	63,542	17,729	62,231	300	1,311
1954.....	18,839	57,449	18,835	57,397	4	52
Memphis:						
1958.....	41,228	176,491	40,658	173,356	570	3,135
1954.....	42,262	155,485	41,804	152,582	458	2,903
Miami:						
1958.....	36,872	143,015	36,528	140,092	344	2,923
1954.....	24,317	80,212	24,229	79,470	88	742
Milwaukee:						
1958.....	185,215	1,021,261	180,758	992,131	4,457	29,130
1954.....	188,544	871,229	183,816	843,382	4,728	27,847
Minneapolis-St. Paul:						
1958.....	144,978	760,561	135,136	696,603	9,842	63,958
1954.....	143,064	628,064	135,288	586,150	7,776	41,914
Mobile:						
1958.....	17,348	82,988	17,267	82,455	81	533
1954.....	15,418	56,957	15,381	56,703	37	254
Montgomery:						
1958.....	6,627	21,661	6,627	21,661	...	...
1954.....	6,281	17,753	6,281	17,753	...	...

See footnotes at end of table.



## GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Muncie:						
1958.....	14,968	82,989	14,960	82,924	8	65
1954.....	17,459	79,805	17,453	79,788	6	17
Muskegon—Muskegon Heights:						
1958.....	23,504	124,472	23,314	123,206	190	1,266
1954.....	25,429	117,311	25,272	116,326	157	985
Nashville:						
1958.....	36,111	155,497	34,198	145,200	1,913	10,297
1954.....	32,691	110,612	30,499	104,061	2,192	6,551
New Bedford:						
1958.....	26,522	90,858	26,492	90,607	30	251
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
New Britain:						
1958.....	31,588	150,805	31,445	149,851	143	954
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
New Haven:						
1958.....	42,425	205,380	42,113	201,827	312	3,553
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
New Orleans:						
1958.....	45,551	203,912	45,291	202,271	260	1,641
1954.....	53,556	194,933	53,313	193,617	243	1,316
New York:						
1958.....	1,182,602	5,865,819	1,074,561	4,984,653	108,041	881,166
1954.....	1,203,384	5,037,954	1,120,638	4,453,870	82,746	584,084
New York-Northeastern New Jersey:						
1958.....	1,793,656	9,005,914	1,660,404	7,946,344	133,252	1,059,570
1954.....	1,835,339	7,804,905	1,731,977	7,095,016	103,362	709,889
Newark:						
1958.....	245,586	1,290,377	226,651	1,155,750	18,935	134,627
1954.....	255,504	1,138,598	241,925	1,054,763	13,579	83,835
Newport News-Hampton:						
1958.....	17,247	88,539	17,110	88,020	137	519
1954.....	18,366	80,079	18,255	79,747	111	332
Norfolk-Portsmouth:						
1958.....	15,202	63,429	14,886	61,420	316	2,009
1954.....	15,723	55,306	15,464	54,156	259	1,150
Ogden:						
1958.....	4,605	22,709	4,522	22,111	83	598
1954.....	3,079	11,712	2,931	11,029	142	683
Oklahoma City:						
1958.....	18,732	85,364	17,564	77,659	1,168	7,705
1954.....	16,635	64,284	16,191	61,856	444	2,428
Omaha:						
1958.....	33,047	160,885	32,416	156,222	631	4,663
1954.....	32,729	130,239	30,586	121,924	2,143	8,315
Orlando:						
1958.....	10,800	55,775	10,278	52,782	522	2,993
1954.....	4,736	16,570	4,543	15,474	193	1,096
Paterson-Clifton-Passaic:						
1958.....	158,831	798,041	156,330	782,225	2,501	15,816
1954.....	157,169	674,303	155,128	663,530	2,041	10,773
Peoria:						
1958.....	37,051	195,821	32,318	168,125	4,733	27,696
1954.....	40,952	184,771	37,778	167,347	3,174	17,424
Pensacola:						
1958.....	12,595	59,256	11,867	52,598	728	6,658
1954.....	8,115	28,593	8,066	28,299	49	294
Philadelphia:						
1958.....	537,811	2,743,834	515,172	2,573,486	22,639	170,348
1954.....	563,806	2,401,449	547,042	2,291,639	16,764	109,810

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Phoenix:						
1958.....	26,131	143,014	25,850	141,123	281	18,915
1954.....	15,837	67,254	15,717	66,438	120	816
Pittsburgh:						
1958.....	303,670	1,784,074	269,888	1,523,779	33,782	260,295
1954.....	331,568	1,557,825	303,620	1,365,174	27,948	192,651
Pittsfield:						
1958.....	14,230	34,090	14,044	82,725	186	1,241
1954.....	15,625	72,419	15,499	71,520	126	899
Portland, Maine:						
1958.....	12,549	54,434	12,444	53,453	105	981
1954.....	13,161	45,884	13,125	45,626	36	258
Portland, Oregon:						
1958.....	58,334	296,179	57,037	288,400	1,297	7,779
1954.....	57,453	244,096	56,729	239,997	724	4,099
Providence:						
1958.....	126,514	507,888	125,419	500,349	1,095	7,539
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Pueblo:						
1958.....	9,694	60,548	9,482	59,217	212	1,331
1954.....	8,675	36,199	8,675	36,199	...	...
Racine:						
1958.....	21,273	113,319	20,354	107,685	919	5,634
1954.....	22,695	103,984	22,024	99,999	671	3,985
Raleigh:						
1958.....	7,256	24,956	7,095	24,065	161	891
1954.....	6,122	17,156	6,041	17,009	81	147
Reading:						
1958.....	48,205	192,723	48,135	192,121	70	602
1954.....	49,436	169,157	49,130	167,369	306	1,788
Richmond:						
1958.....	41,896	191,856	37,909	167,104	3,987	24,752
1954.....	37,546	136,017	36,250	128,569	1,296	7,448
Roanoke:						
1958.....	14,337	57,262	14,262	56,752	75	510
1954.....	12,759	42,746	12,732	42,593	27	153
Rochester:						
1958.....	104,215	588,731	100,876	559,800	3,339	28,931
1954.....	114,555	529,322	111,385	508,033	3,170	21,289
Rockford:						
1958.....	39,301	205,871	39,297	205,859	4	12
1954.....	38,194	177,568	38,194	177,568	...	...
Sacramento:						
1958.....	20,610	125,976	20,582	125,839	28	137
1954.....	10,920	46,875	10,907	46,787	13	88
Saginaw:						
1958.....	21,201	120,723	21,201	120,723	...	...
1954.....	26,625	124,462	26,625	124,462	...	...
St. Joseph:						
1958.....	11,019	50,853	11,014	50,827	5	26
1954.....	11,268	42,791	11,207	42,574	61	217
St. Louis:						
1958.....	257,057	1,336,593	243,573	1,242,469	13,484	94,124
1954.....	266,871	1,145,354	255,525	1,079,972	11,346	65,382
Salt Lake City:						
1958.....	20,630	92,637	19,285	88,345	745	4,292
1954.....	15,511	62,362	15,110	60,156	401	2,206
San Angelo:						
1958.....	2,166	6,900	2,166	6,900	...	...
1954.....	1,865	4,741	1,865	4,741	...	...
San Antonio:						
1958.....	19,991	72,844	19,966	72,661	25	183
1954.....	17,935	54,630	17,894	54,372	41	258

See footnotes at end of table.

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
San Bernardino-Riverside-Ontario:						
1958.....	29,216	156,682	29,165	156,325	51	357
1954.....	23,859	101,641	23,815	101,401	44	240
San Diego:						
1958.....	71,383	447,822	70,867	442,962	516	4,860
1954.....	48,137	224,969	47,731	221,656	406	3,313
San Francisco-Oakland:						
1958.....	191,452	1,085,477	177,953	980,261	13,499	105,216
1954.....	186,206	881,312	173,135	793,165	13,071	88,147
San Jose:						
1958.....	53,921	340,494	51,377	322,743	2,544	17,751
1954.....	28,434	118,868	27,942	116,213	492	2,655
Santa Barbara:						
1958.....	3,949	19,250	3,808	17,720	141	1,530
1954.....	1,928	7,762	1,928	7,762	...	...
Savannah:						
1958.....	14,590	62,762	14,582	63,729	8	33
1954.....	13,323	47,275	13,323	47,275	...	...
Scranton:						
1958.....	27,371	94,980	27,307	94,758	64	222
1954.....	31,496	94,406	31,478	94,351	18	55
Seattle:						
1958.....	114,884	659,723	114,290	655,437	594	4,286
1954.....	88,189	394,965	87,726	392,260	463	2,705
Shreveport:						
1958.....	9,112	40,838	9,024	40,223	88	615
1954.....	8,092	28,922	8,037	28,592	55	330
Sioux City:						
1958.....	8,231	38,386	8,231	38,386	...	...
1954.....	9,421	36,739	9,401	36,651	20	88
Sioux Falls:						
1958.....	6,085	29,057	6,085	29,057	...	...
1954.....	5,402	21,656	5,402	21,656	...	...
South Bend:						
1958.....	34,609	194,938	34,576	194,705	33	233
1954.....	43,622	201,674	43,622	201,674	...	...
Spokane:						
1958.....	12,776	70,110	12,759	70,020	17	90
1954.....	13,729	60,172	13,674	59,851	55	321
Springfield, Illinois:						
1958.....	11,195	56,346	11,195	56,346	...	...
1954.....	12,819	53,285	12,816	53,256	3	29
Springfield, Missouri:						
1958.....	8,618	33,359	8,618	33,359	...	...
1954.....	6,695	20,775	6,682	20,697	13	78
Springfield, Ohio:						
1958.....	13,067	69,564	13,065	69,548	2	16
1954.....	16,823	70,435	16,823	70,435	...	...
Springfield-Holyoke:						
1958.....	71,356	341,876	69,617	329,284	1,739	12,592
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Stamford:						
1958.....	19,040	103,246	16,557	88,616	2,483	14,630
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Steubenville-Weirton:						
1958.....	29,894	173,419	29,273	167,954	621	5,465
1954.....	32,581	143,829	31,853	139,422	728	4,407
Stockton:						
1958.....	12,667	61,314	12,667	61,314	...	...
1954.....	11,145	45,631	11,033	45,205	112	426
Syracuse:						
1958.....	69,578	366,824	6,647	349,831	2,981	16,993
1954.....	70,327	295,891	67,697	282,164	2,630	13,727

See footnotes at end of table.



Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Tacoma:						
1958.....	16,648	82,716	15,697	76,773	951	5,943
1954.....	17,534	77,270	17,052	72,643	482	4,627
Tampa-St. Petersburg:						
1958.....	32,219	121,922	31,482	117,423	737	4,499
1954.....	22,907	70,924	22,873	70,750	34	174
Terre Haute:						
1958.....	9,832	45,988	9,781	45,737	51	251
1954.....	10,455	40,821	10,419	40,677	36	144
Toledo:						
1958.....	58,317	338,214	54,114	304,199	4,203	34,015
1954.....	62,735	307,716	59,315	285,308	3,420	22,408
Topeka:						
1958.....	6,185	30,464	6,002	29,642	183	822
1954.....	6,174	24,060	6,010	23,711	164	349
Trenton:						
1958.....	36,357	183,938	35,077	173,198	1,280	10,740
1954.....	39,517	165,971	38,289	157,238	1,228	8,733
Tucson:						
1958.....	8,152	44,862	8,102	44,552	50	310
1954.....	4,548	20,134	4,548	20,134	...	...
Tulsa:						
1958.....	33,632	175,301	30,312	155,882	3,320	19,419
1954.....	32,341	139,712	30,846	131,442	1,495	8,270
Utica-Rome:						
1958.....	40,556	194,824	40,251	192,756	305	8,068
1954.....	43,125	169,169	42,941	168,193	184	976
Waco:						
1958.....	8,857	36,524	8,723	35,806	134	718
1954.....	7,846	27,257	7,715	26,521	131	736
Washington, D. C.:						
1958.....	35,020	179,591	34,046	172,108	974	7,483
1954.....	30,715	133,465	30,373	131,088	342	2,377
Waterbury:						
1958.....	37,304	189,661	36,457	183,054	847	6,607
1954.....	43,029	184,443	42,186	179,067	843	5,376
Waterloo:						
1958.....	18,027	97,522	18,023	97,506	4	16
1954.....	16,656	72,951	16,652	72,904	4	47
West Palm Beach:						
1958.....	4,621	25,105	3,420	14,372	1,201	10,733
1954.....	(NA)	(NA)	2,080	6,891	(NA)	(NA)
Wheeling:						
1958.....	17,240	86,025	16,334	78,812	906	7,213
1954.....	18,787	72,068	17,834	66,263	953	5,805
Wichita:						
1958.....	52,616	280,112	52,102	277,622	514	2,490
1954.....	53,260	237,765	53,190	237,206	70	559
Wichita Falls:						
1958.....	3,293	13,541	3,249	13,313	44	228
1954.....	3,026	11,073	3,015	11,012	11	61
Wilkes-Barre-Hazleton:						
1958.....	38,675	122,790	38,542	122,309	133	481
1954.....	36,980	97,764	36,902	97,448	78	316
Wilmington:						
1958.....	56,506	371,995	39,178	216,228	17,328	155,767
1954.....	53,089	287,695	37,919	170,700	15,170	116,995
Winston-Salem:						
1958.....	35,791	152,330	33,336	134,937	2,455	17,393
1954.....	31,771	107,369	29,930	96,515	1,841	10,854

See footnotes at end of table.

## GENERAL SUMMARY

Table 5.—Manufacturing Employment and Payroll for Divisions, States and Standard Metropolitan Statistical Areas: 1958 and 1954—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries <sup>2</sup>	
	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)	Number of employees	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS <sup>3</sup> —Continued						
Worcester:						
1958.....	50,862	241,010	50,817	240,626	45	384
1954.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
York:						
1958.....	41,296	168,009	41,213	167,590	83	419
1954.....	45,275	161,621	45,275	161,621	...	...
Youngstown:						
1958.....	76,437	427,332	75,691	421,309	746	6,023
1954.....	86,780	394,416	86,255	391,134	525	3,282

NA Not available.

<sup>1</sup>The 1958 and 1954 data for central administrative offices and auxiliaries are not strictly comparable for the following reasons: (1) better total coverage was achieved in the 1958 Census in identifying and obtaining separate establishment reports for such activities; (2) the individual 1954 major industry group totals reflect the former Standard Industrial Classification system (of 1945) used in the 1954 Census, while the 1958 figures reflect the revised SIC system (of 1957) used in classifying such establishments.

<sup>2</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishments of a company. A separate report was usually obtained for each central office or auxiliary unit if it was located at a different location from the manufacturing establishment(s) served or if it serviced 2 or more manufacturing establishments and was not operated as an integral part of the establishment as the same location.

<sup>3</sup>The definitions of the standard metropolitan statistical areas are shown on pages 41-43.

<sup>4</sup>Comparable data for 1954 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.

<sup>5</sup>This area was first defined as a standard metropolitan statistical area in 1958. Therefore, 1954 data are not available.



## STANDARD METROPOLITAN STATISTICAL AREAS

(Area titles and definitions of the two Standard Consolidated Areas and the 189 Standard Metropolitan Statistical Areas in the continental United States and in Hawaii, established by the Bureau of the Budget as of June 30, 1959)

Chicago, Ill.-Northwestern Indiana Standard Consolidated Area.....	Consists of Chicago, Ill., and Gary-Hammond-East Chicago, Ind., Standard Metropolitan Statistical Areas
New York, N. Y.-Northeastern New Jersey Standard Consolidated Area .....	Consists of the following Standard Metropolitan Statistical Areas: New York, N. Y.; Newark, N. J.; Jersey City, N. J.; Paterson-Clifton-Passaic, N. J.; and of Middlesex and Somerset Counties, N. J.
Akron, Ohio.....	Coextensive with Summit County, Ohio
Albany-Schenectady-Troy, N. Y.....	Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, N. Y.
Albuquerque, N. Mex .....	Coextensive with Bernalillo County, N. Mex.
Allentown-Bethlehem-Easton, Pa.-N. J....	Consists of Lehigh and Northampton Counties, Pa., and Warren County, N. J.
Altoona, Pa .....	Coextensive with Blair County, Pa.
Amarillo, Tex.....	Consists of Potter and Randall Counties, Tex.
Anderson, Ind.....	Coextensive with Madison County, Ind.
Ann Arbor, Mich .....	Coextensive with Washtenaw County, Mich.
Asheville, N. C .....	Coextensive with Buncombe County, N. C.
Atlanta, Ga .....	Consists of Clayton, Cobb, De Kalb, Fulton, and Gwinnett Counties, Ga.
Atlantic City, N. J.....	Coextensive with Atlantic County, N. J.
Augusta, Ga.-S. C.....	Consists of Richmond County, Ga., and Aiken County, S. C.
Austin, Tex.....	Coextensive with Travis County, Tex.
Bakersfield, Calif .....	Coextensive with Kern County, Calif.
Baltimore, Md .....	Consists of Baltimore city and Anne Arundel, Baltimore, Carroll, and Howard Counties, Md.
Baton Rouge, La.....	Coextensive with East Baton Rouge Parish, La.
Bay City, Mich.....	Coextensive with Bay County, Mich.
Beaumont-Port Arthur, Tex .....	Consists of Jefferson and Orange Counties, Tex.
Binghamton, N. Y .....	Coextensive with Broome County, N. Y.
Birmingham, Ala .....	Coextensive with Jefferson County, Ala.
Boston, Mass .....	Consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Mass.
Bridgeport, Conn.....	Consists of Bridgeport and Shelton cities, and Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; and Milford town in New Haven County, Conn.
Brockton, Mass .....	Consists of Brockton city, and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County; Avon and Stoughton towns in Norfolk County; and Easton town in Bristol County, Mass.
Buffalo, N. Y .....	Consists of Erie and Niagara Counties, N. Y.
Canton, Ohio.....	Coextensive with Stark County, Ohio
Cedar Rapids, Iowa .....	Coextensive with Linn County, Iowa
Champaign-Urbana, Ill .....	Coextensive with Champaign County, Ill.
Charleston, S. C .....	Coextensive with Charleston County, S. C.
Charleston, W. Va.....	Coextensive with Kanawha County, W. Va.
Charlotte, N. C .....	Coextensive with Mecklenburg County, N. C.
Chattanooga, Tenn.-Ga.....	Consists of Hamilton County, Tenn., and Walker County, Ga.
Chicago, Ill.....	Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Ill.
Cincinnati, Ohio-Ky.....	Consists of Hamilton County, Ohio, and Campbell and Kenton Counties, Ky.
Cleveland, Ohio .....	Consists of Cuyahoga and Lake Counties, Ohio
Columbia, S. C .....	Consists of Lexington and Richland Counties, S. C.
Columbus, Ga.-Ala.....	Consists of Chattahoochee and Muscogee Counties, Ga., and Russell County, Ala.
Columbus, Ohio .....	Coextensive with Franklin County, Ohio
Corpus Christi, Tex .....	Coextensive with Nueces County, Tex.
Dallas, Tex.....	Consists of Collin, Dallas, Denton, and Ellis Counties, Tex.
Davenport-Rock Island-Moline, Iowa-Ill....	Consists of Scott County, Iowa, and Rock Island County, Ill.
Dayton, Ohio .....	Consists of Greene, Miami, and Montgomery Counties, Ohio
Decatur, Ill.....	Coextensive with Macon County, Ill.
Denver, Colo.....	Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colo.
Des Moines, Iowa.....	Coextensive with Polk County, Iowa
Detroit, Mich .....	Consists of Macomb, Oakland, and Wayne Counties, Mich.
Dubuque, Iowa.....	Coextensive with Dubuque County, Iowa
Duluth-Superior, Minn.-Wis.....	Consists of St. Louis County, Minn., and Douglas County, Wis.
Durham, N. C.....	Coextensive with Durham County, N. C.
El Paso, Tex.....	Coextensive with El Paso County, Tex.
Erie, Pa.....	Coextensive with Erie County, Pa.
Evansville, Ind.-Ky.....	Consists of Vanderburgh County, Ind., and Henderson County, Ky.
Fall River, Mass.-R. I .....	Consists of Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; and Tiverton town in Newport County, R. I.
Fitchburg-Leominster, Mass .....	Consists of Fitchburg and Leominster cities, and Lunenburg town in Worcester County; and Shirley town in Middlesex County, Mass.



## GENERAL SUMMARY

## STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Flint, Mich .....	Coextensive with Genesee County, Mich.
Fort Smith, Ark .....	Coextensive with Sebastian County, Ark.
Fort Wayne, Ind .....	Coextensive with Allen County, Ind.
Fort Worth, Tex .....	Consists of Johnson and Tarrant Counties, Tex.
Fresno, Calif .....	Coextensive with Fresno County, Calif.
Gadsden, Ala .....	Coextensive with Etowa County, Ala.
Galveston, Tex .....	Coextensive with Galveston County, Tex.
Gary-Hammond-East Chicago, Ind .....	Consists of Lake and Porter Counties, Ind.
Grand Rapids, Mich .....	Coextensive with Kent County, Mich.
Green Bay, Wis .....	Coextensive with Brown County, Wis.
Greensboro-High Point, N. C. ....	Coextensive with Guilford County, N. C.
Greenville, S. C. ....	Coextensive with Greenville County, S. C.
Hamilton-Middletown, Ohio .....	Coextensive with Butler County, Ohio
Harrisburg, Pa .....	Consists of Cumberland and Dauphin Counties, Pa.
Hartford, Conn .....	Consists of Hartford city, and Avon, Bloomfield, Canton, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Cromwell town in Middlesex County; and Vernon town in Tolland County, Conn.
Honolulu, Hawaii .....	Coextensive with Honolulu County, Hawaii
Houston, Tex .....	Coextensive with Harris County, Tex.
Huntington-Ashland, W. Va.-Ky.-Ohio .....	Consists of Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; and Lawrence County, Ohio
Indianapolis, Ind .....	Coextensive with Marion County, Ind.
Jackson, Mich .....	Coextensive with Jackson County, Mich.
Jackson, Miss .....	Coextensive with Hinds County, Miss.
Jacksonville, Fla .....	Coextensive with Duval County, Fla.
Jersey City, N. J. ....	Coextensive with Hudson County, N. J.
Johnstown, Pa .....	Consists of Cambria and Somerset Counties, Pa.
Kalamazoo, Mich .....	Coextensive with Kalamazoo County, Mich.
Kansas City, Mo.-Kans .....	Consists of Clay and Jackson Counties, Mo., and Johnson and Wyandotte Counties, Kans.
Kenosha, Wis .....	Coextensive with Kenosha County, Wis.
Knoxville, Tenn .....	Consists of Anderson, Blount, and Knox Counties, Tenn.
Lancaster, Pa .....	Coextensive with Lancaster County, Pa.
Lansing, Mich .....	Consists of Clinton, Eaton, and Ingham Counties, Mich.
Laredo, Tex .....	Coextensive with Webb County, Tex.
Lawrence-Haverhill, Mass.-N. H. ....	Consists of Lawrence and Haverhill cities, and Andover, Groveland, Methuen, and North Andover towns in Essex County, Mass.; and Plaistow and Salem towns in Rockingham County, N. H.
Lewiston-Auburn, Maine .....	Consists of Auburn and Lewiston cities, and Lisbon town in Androscoggin County, Maine
Lexington, Ky .....	Coextensive with Fayette County, Ky.
Lima, Ohio .....	Coextensive with Allen County, Ohio
Lincoln, Nebr .....	Coextensive with Lancaster County, Nebr.
Little Rock-North Little Rock, Ark .....	Coextensive with Pulaski County, Ark.
Lorain-Elyria, Ohio .....	Coextensive with Lorain County, Ohio
Los Angeles-Long Beach, Calif .....	Consists of Los Angeles and Orange Counties, Calif.
Louisville, Ky.-Ind .....	Consists of Jefferson County, Ky., and Clark and Floyd Counties, Ind.
Lowell, Mass .....	Consists of Lowell city, and Billerica, Chelmsford, Dracut, Tewksbury, and Tyngsborough towns in Middlesex County, Mass.
Lubbock, Tex .....	Coextensive with Lubbock County, Tex.
Lynchburg, Va .....	Consists of Lynchburg city, and Amherst and Campbell Counties, Va.
Macon, Ga .....	Consists of Bibb and Houston Counties, Ga.
Madison, Wis .....	Coextensive with Dane County, Wis.
Manchester, N. H. ....	Consists of Manchester city and Goffstown town in Hillsboro County, N. H.
Memphis, Tenn .....	Coextensive with Shelby County, Tenn.
Miami, Fla .....	Coextensive with Dade County, Fla.
Milwaukee, Wis .....	Consists of Milwaukee and Waukesha Counties, Wis.
Minneapolis-St. Paul, Minn .....	Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington Counties, Minn.
Mobile, Ala .....	Coextensive with Mobile County, Ala.
Montgomery, Ala .....	Coextensive with Montgomery County, Ala.
Muncie, Ind .....	Coextensive with Delaware County, Ind.
Muskegon-Muskegon Heights, Mich .....	Coextensive with Muskegon County, Mich.
Nashville, Tenn .....	Coextensive with Davidson County, Tenn.
New Bedford, Mass .....	Consists of New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; and Marion and Mattapoisett towns in Plymouth County, Mass.
New Britain, Conn .....	Consists of New Britain city, and Berlin, Plainville, and Southington towns in Hartford County, Conn.
New Haven, Conn .....	Consists of New Haven city, and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge towns in New Haven County, Conn.
New Orleans, La .....	Consists of Jefferson, Orleans, and St. Bernard Parishes, La.
New York, N. Y. ....	Consists of New York City, and Nassau, Rockland, Suffolk, and Westchester Counties, N. Y.
Newark, N. J. ....	Consists of Essex, Morris, and Union Counties, N. J.
Newport News-Hampton, Va .....	Consists of Newport News and Hampton cities, and York County, Va.
Norfolk-Portsmouth, Va .....	Consists of Norfolk, South Norfolk, Portsmouth, and Virginia Beach cities, and Norfolk and Princess Anne Counties, Va.
Ogden, Utah .....	Coextensive with Weber County, Utah
Oklahoma City, Okla .....	Consists of Cleveland and Oklahoma Counties, Okla.
Omaha, Nebr.-Iowa .....	Consists of Douglas and Sarpy Counties, Nebr., and Pottawattamie County, Iowa
Orlando, Fla .....	Consists of Orange and Seminole Counties, Fla.
Paterson-Clifton-Passaic, N. J. ....	Consists of Bergen and Passaic Counties, N. J.
Pensacola, Fla .....	Consists of Escambia and Santa Rosa Counties, Fla.
Peoria, Ill .....	Consists of Peoria and Tazewell Counties, Ill.
Philadelphia, Pa.-N. J. ....	Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N. J.
Phoenix, Ariz .....	Coextensive with Maricopa County, Ariz.



## STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Pittsburgh, Pa .....	Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pa.
Pittsfield, Mass .....	Consists of Pittsfield city, and Dalton, Lenox, and Lee towns in Berkshire County, Mass.
Portland, Maine .....	Consists of Portland, South Portland, and Westbrook cities, and Cape Elizabeth and Falmouth towns in Cumberland County, Maine
Portland, Oreg.-Wash .....	Consists of Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash.
Providence, R. I.-Mass .....	Consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County, R. I.; Narraganset and North Kingstown towns in Washington County, R. I.; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County, R. I.; all of Bristol County, R. I.; and Jamestown town in Newport County, R. I. Also, Attleboro city, and North Attleboro and Seekonk towns in Bristol County, Mass.; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, Mass.; and Blackstone and Millville towns in Worcester County, Mass.
Pueblo, Colo .....	Coextensive with Pueblo County, Colo.
Racine, Wis .....	Coextensive with Racine County, Wis.
Raleigh, N. C .....	Coextensive with Wake County, N. C.
Reading, Pa .....	Coextensive with Berks County, Pa.
Richmond, Va .....	Consists of Richmond city, and Chesterfield and Henrico Counties, Va.
Roanoke, Va .....	Consists of Roanoke city and Roanoke County, Va.
Rochester, N. Y .....	Coextensive with Monroe County, N. Y.
Rockford, Ill .....	Coextensive with Winnebago County, Ill.
Sacramento, Calif .....	Coextensive with Sacramento County, Calif.
Saginaw, Mich .....	Coextensive with Saginaw County, Mich.
St. Joseph, Mo .....	Coextensive with Buchanan County, Mo.
St. Louis, Mo.-Ill .....	Consists of St. Louis city, and Jefferson, St. Charles, and St. Louis Counties, Mo.; and Madison and St. Clair Counties, Ill.
Salt Lake City, Utah .....	Coextensive with Salt Lake County, Utah
San Angelo, Tex .....	Coextensive with Tom Green County, Tex.
San Antonio, Tex .....	Coextensive with Bexar County, Tex.
San Bernardino-Riverside-Ontario, Calif ..	Consists of Riverside and San Bernardino Counties, Calif.
San Diego, Calif .....	Coextensive with San Diego County, Calif.
San Francisco-Oakland, Calif .....	Consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, Calif.
San Jose, Calif .....	Coextensive with Santa Clara County, Calif.
Santa Barbara, Calif .....	Coextensive with Santa Barbara County, Calif.
Savannah, Ga .....	Coextensive with Chatham County, Ga.
Scranton, Pa .....	Coextensive with Lackawanna County, Pa.
Seattle, Wash .....	Consists of King and Snohomish Counties, Wash.
Shreveport, La .....	Consists of Bossier and Caddo Parishes, La.
Sioux City, Iowa .....	Coextensive with Woodbury County, Iowa
Sioux Falls, S. Dak .....	Coextensive with Minnehaha County, S. Dak.
South Bend, Ind .....	Coextensive with St. Joseph County, Ind.
Spokane, Wash .....	Coextensive with Spokane County, Wash.
Springfield, Ill .....	Coextensive with Sangamon County, Ill.
Springfield, Mo .....	Coextensive with Greene County, Mo.
Springfield, Ohio .....	Coextensive with Clark County, Ohio
Springfield-Holyoke, Mass .....	Consists of Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Hadley, and South Hadley towns in Hampshire County; and Warren town in Worcester County, Mass.
Stamford, Conn .....	Consists of Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County, Conn.
Steubenville-Weirton, Ohio-W. Va .....	Consists of Jefferson County, Ohio, and Brooke and Hancock Counties, W. Va.
Stockton, Calif .....	Coextensive with San Joaquin County, Calif.
Syracuse, N. Y .....	Consists of Madison, Onondaga, and Oswego Counties, N. Y.
Tacoma, Wash .....	Coextensive with Pierce County, Wash.
Tampa-St. Petersburg, Fla .....	Consists of Hillsborough and Pinellas Counties, Fla.
Terre Haute, Ind .....	Coextensive with Vigo County, Ind.
Toledo, Ohio .....	Coextensive with Lucas County, Ohio
Topeka, Kans .....	Coextensive with Shawnee County, Kans.
Trenton, N. J .....	Coextensive with Mercer County, N. J.
Tucson, Ariz .....	Coextensive with Pima County, Ariz.
Tulsa, Okla .....	Consists of Creek and Tulsa Counties, Okla.
Utica-Rome, N. Y .....	Consists of Herkimer and Oneida Counties, N. Y.
Waco, Tex .....	Coextensive with McLennan County, Tex.
Washington, D. C.-Md.-Va .....	Consists of Washington, D. C.; Alexandria and Falls Church cities, and Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.
Waterbury, Conn .....	Consists of Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott towns in New Haven County; and Thomaston and Watertown towns in Litchfield County, Conn.
Waterloo, Iowa .....	Coextensive with Black Hawk County, Iowa
West Palm Beach, Fla .....	Coextensive with Palm Beach County, Fla.
Wheeling, W. Va.-Ohio .....	Consists of Ohio and Marshall Counties, W. Va., and Belmont County, Ohio
Wichita, Kans .....	Coextensive with Sedgwick County, Kans.
Wichita Falls, Tex .....	Coextensive with Wichita County, Tex.
Wilkes-Barre-Hazleton, Pa .....	Coextensive with Luzerne County, Pa.
Wilmington, Del.-N. J .....	Consists of New Castle County, Del., and Salem County, N. J.
Winston-Salem, N. C .....	Coextensive with Forsyth County, N. C.
Worcester, Mass .....	Consists of Worcester City, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Mass.
York, Pa .....	Coextensive with York County, Pa.
Youngstown, Ohio .....	Consists of Mahoning and Trumbull Counties, Ohio



## GENERAL SUMMARY

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)					
United States:													
1958.....	298,182	95,061	15,393,766	73,749,749	11,644,213	22,632,571	49,503,844	141,270,297	9,075,759	xxx	98	xxx	
1954.....	286,814	90,470	15,645,491	62,962,664	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	xxx	100	xxx	
1947.....	240,807	(NA)	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	xxx	91	xxx	
1939.....	173,802	(NA)	9,527,306	12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	xxx	61	xxx	
1929.....	206,663	(NA)	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	xxx	62	xxx	
1919.....	270,231	(NA)	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	xxx	63	xxx	
1909.....	264,810	(NA)	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	xxx	45	xxx	
1899.....	204,754	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	xxx	31	xxx	
New England:													
1958.....	24,588	8,506	1,359,919	6,045,201	1,048,683	2,052,534	4,098,897	10,438,562	525,780	95	98	8.83	
1954.....	24,625	8,380	1,431,298	5,356,130	1,154,079	2,272,287	3,858,697	9,128,278	424,263	100	100	9.15	
1947.....	20,256	(NA)	1,475,162	3,940,122	1,248,839	(NA)	3,054,437	6,798,114	418,580	103	91	10.32	
1939.....	15,201	(NA)	1,121,152	1,402,144	947,412	(NA)	1,018,683	2,414,268	(NA)	78	61	11.77	
1929.....	18,272	(NA)	1,245,868	1,732,759	1,098,514	(NA)	1,346,391	3,239,798	(NA)	87	62	12.90	
1919.....	24,552	(NA)	1,509,093	1,765,285	1,347,531	(NA)	1,431,687	3,221,328	(NA)	105	63	15.34	
1909.....	25,351	(NA)	1,187,987	669,914	1,101,290	(NA)	557,630	1,193,767	(NA)	83	45	16.94	
1899.....	22,576	(NA)	897,305	421,070	851,903	(NA)	367,675	756,311	(NA)	63	31	18.50	
Maine:													
1958.....	2,733	579	97,690	373,155	83,670	166,222	285,216	638,325	43,597	94	98	0.63	
1954.....	3,015	627	104,025	322,158	91,092	180,691	260,047	565,260	58,935	100	100	0.66	
1947.....	1,633	(NA)	100,118	233,851	90,323	(NA)	199,085	429,540	(NA)	96	91	0.70	
1939.....	1,118	(NA)	82,184	83,479	74,040	(NA)	67,340	150,588	(NA)	79	61	0.86	
1929.....	1,568	(NA)	76,799	90,300	70,159	(NA)	74,200	174,385	(NA)	74	62	0.80	
1919.....	2,834	(NA)	96,082	111,203	88,251	(NA)	93,761	201,444	(NA)	92	63	0.98	
1909.....	3,546	(NA)	84,815	43,429	79,955	(NA)	37,632	78,928	(NA)	82	45	1.21	
1899.....	2,878	(NA)	73,017	28,781	69,914	(NA)	25,731	51,749	(NA)	70	31	1.51	
New Hampshire:													
1958.....	1,446	494	78,250	292,559	65,588	128,144	221,083	490,709	24,365	102	98	0.51	
1954.....	1,609	497	77,071	245,346	65,987	128,465	190,760	408,826	18,492	100	100	0.49	
1947.....	1,124	478	74,752	177,479	66,448	136,119	145,324	306,932	24,010	97	91	0.52	
1939.....	772	(NA)	61,224	65,154	55,434	(NA)	52,394	104,153	(NA)	79	61	0.64	
1929.....	1,075	(NA)	71,233	85,264	65,511	(NA)	70,514	147,132	(NA)	92	62	0.74	
1919.....	1,451	(NA)	88,726	92,330	82,917	(NA)	79,136	167,329	(NA)	115	63	0.90	
1909.....	1,961	(NA)	82,177	40,391	78,658	(NA)	36,200	66,424	(NA)	107	45	1.17	
1899.....	1,771	(NA)	69,714	28,049	67,646	(NA)	25,850	47,427	(NA)	90	31	1.44	
Vermont:													
1958.....	1,016	277	32,335	131,712	25,397	50,252	92,129	235,898	11,598	90	98	0.21	
1954.....	1,071	296	35,899	122,829	29,929	59,328	92,962	222,965	8,876	100	100	0.23	
1947.....	831	(NA)	34,886	83,050	30,252	(NA)	66,428	149,715	(NA)	97	91	0.24	
1939.....	659	(NA)	24,084	27,422	20,498	(NA)	19,940	49,741	(NA)	67	61	0.25	
1929.....	927	(NA)	30,540	41,946	27,421	(NA)	33,810	77,260	(NA)	85	62	0.32	
1919.....	1,702	(NA)	36,709	41,069	33,194	(NA)	33,758	71,788	(NA)	102	63	0.37	
1909.....	1,958	(NA)	36,467	20,075	33,788	(NA)	17,272	33,487	(NA)	102	45	0.52	
1899.....	1,938	(NA)	29,874	13,037	28,179	(NA)	11,427	25,130	(NA)	83	31	0.62	
Massachusetts:													
1958.....	11,409	4,377	658,433	2,926,898	498,612	969,581	1,933,380	5,130,211	221,501	97	98	4.28	
1954.....	11,205	4,229	677,140	2,528,296	536,456	1,047,412	1,769,102	4,356,462	180,698	100	100	4.33	
1947.....	10,509	(NA)	718,069	1,920,718	601,370	(NA)	1,463,144	3,356,311	(NA)	106	91	5.02	
1939.....	8,444	(NA)	549,550	702,487	458,372	(NA)	498,177	1,181,465	(NA)	81	61	5.77	
1929.....	9,872	(NA)	639,164	910,023	557,494	(NA)	694,805	1,710,729	(NA)	94	62	6.62	
1919.....	11,627	(NA)	801,260	947,768	712,254	(NA)	764,579	1,746,539	(NA)	118	63	8.15	
1909.....	11,684	(NA)	633,205	364,452	584,559	(NA)	301,173	659,764	(NA)	94	45	9.03	
1899.....	10,929	(NA)	463,490	224,758	438,234	(NA)	195,278	408,971	(NA)	68	31	9.56	
Rhode Island:													
1958.....	2,736	906	112,880	444,144	90,884	175,026	312,970	754,498	29,515	91	98	0.73	
1954.....	2,635	867	123,970	425,365	103,800	204,383	314,467	697,279	27,671	100	100	0.79	
1947.....	2,213	(NA)	147,382	375,676	128,579	(NA)	298,482	658,905	(NA)	119	91	1.03	
1939.....	1,399	(NA)	122,671	141,262	106,089	(NA)	105,216	237,698	(NA)	99	61	1.29	
1929.....	1,701	(NA)	140,116	182,899	126,068	(NA)	144,197	324,078	(NA)	113	62	1.45	
1919.....	2,367	(NA)	153,499	168,068	139,316	(NA)	137,105	330,590	(NA)	124	63	1.56	
1909.....	1,951	(NA)	120,920	65,811	113,538	(NA)	55,234	122,152	(NA)	98	45	1.72	
1899.....	1,678	(NA)	92,219	41,296	88,197	(NA)	35,995	77,599	(NA)	74	31	1.90	
Connecticut:													
1958.....	5,248	1,873	380,331	1,876,733	284,532	563,309	1,254,119	3,188,921	195,204	92	98	2.47	
1954.....	5,090	1,864	413,193	1,712,136	326,815	652,008	1,231,359	2,877,486	129,591	100	100	2.64	
1947.....	3,946	(NA)	399,955	1,149,348	331,867	(NA)	881,974	1,896,711	(NA)	97	91	2.80	
1939.....	2,809	(NA)	281,439	382,340	232,979	(NA)	275,616	690,323	(NA)	68	61	2.95	
1929.....	3,129	(NA)	288,016	422,345	251,861	(NA)	328,865	806,214	(NA)	70	62	2.98	
1919.....	4,571	(NA)	332,817	404,847	291,599	(NA)	323,348	703,638	(NA)	81	63	3.38	
1909.....	4,251	(NA)	230,403	135,756	210,792	(NA)	110,119	233,012	(NA)	56	45	3.29	
1899.....	3,382	(NA)	168,991	85,149	159,733	(NA)	73,394	145,435	(NA)	41	31	3.48	

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)					
Middle Atlantic:													
1958.....	81,569	27,730	3,881,843	18,679,014	2,901,540	5,548,703	12,285,361	34,838,745	1,907,666	95	98	25.22	
1954.....	82,380	27,535	4,105,248	16,656,158	3,212,477	6,217,338	11,524,924	30,402,665	1,551,088	100	100	26.24	
1947.....	75,341	(NA)	3,953,870	11,419,701	3,248,732	(NA)	8,524,628	20,767,991	1,335,235	96	91	27.66	
1939.....	52,226	(NA)	2,757,909	3,859,853	2,234,295	(NA)	2,668,489	7,308,780	(NA)	67	61	28.95	
1929.....	64,730	(NA)	3,002,843	4,853,031	2,562,340	(NA)	3,640,419	10,175,956	(NA)	73	62	31.09	
1919.....	85,509	(NA)	3,348,567	4,463,569	2,859,604	(NA)	3,447,834	8,399,615	(NA)	82	63	34.04	
1909.....	81,315	(NA)	2,491,161	1,527,833	2,207,747	(NA)	1,182,568	2,982,264	(NA)	61	45	35.53	
1899.....	65,834	(NA)	1,732,170	871,309	1,604,844	(NA)	729,366	1,763,315	(NA)	42	31	35.71	
New York:													
1958.....	48,523	15,000	1,782,380	8,573,246	1,303,126	2,487,134	5,423,559	15,891,767	676,852	94	98	11.58	
1954.....	50,402	15,156	1,895,982	7,734,388	1,470,137	2,842,598	5,231,858	14,140,524	572,125	100	100	12.11	
1947.....	47,782	(NA)	1,773,138	5,277,656	1,425,033	(NA)	3,821,492	9,655,859	(NA)	94	91	12.40	
1939.....	32,672	(NA)	1,211,010	1,749,676	949,362	(NA)	1,151,820	3,313,649	(NA)	64	61	12.71	
1929.....	39,395	(NA)	1,331,357	2,294,882	1,105,966	(NA)	1,650,379	4,973,920	(NA)	70	62	13.78	
1919.....	48,331	(NA)	1,467,443	1,961,398	1,221,933	(NA)	1,450,119	3,908,864	(NA)	77	63	14.92	
1909.....	44,935	(NA)	1,155,672	743,263	1,003,981	(NA)	557,231	1,512,586	(NA)	61	45	16.48	
1899.....	35,957	(NA)	794,939	414,064	726,509	(NA)	337,324	853,454	(NA)	42	31	16.39	
New Jersey:													
1958.....	14,009	4,995	761,916	3,822,892	564,227	1,100,953	2,508,089	7,499,367	432,395	97	98	4.95	
1954.....	13,183	4,748	787,593	3,352,425	605,099	1,187,747	2,280,134	6,331,655	359,816	100	100	5.03	
1947.....	10,765	(NA)	739,035	2,216,874	602,304	(NA)	1,645,489	4,186,077	(NA)	94	91	5.17	
1939.....	7,438	(NA)	531,126	753,941	431,562	(NA)	519,087	1,518,269	(NA)	67	61	5.57	
1929.....	8,388	(NA)	516,576	808,862	442,328	(NA)	610,596	1,771,430	(NA)	66	62	5.35	
1919.....	10,564	(NA)	590,920	769,258	507,059	(NA)	598,511	1,397,775	(NA)	75	63	6.01	
1909.....	8,817	(NA)	363,061	218,046	326,223	(NA)	169,710	425,496	(NA)	46	45	5.18	
1899.....	6,415	(NA)	229,336	114,223	213,975	(NA)	95,165	218,280	(NA)	29	31	4.73	
Pennsylvania:													
1958.....	19,037	7,735	1,337,547	6,282,876	1,034,187	1,960,616	4,353,713	11,447,611	798,419	94	98	8.69	
1954.....	18,795	7,631	1,421,673	5,569,345	1,137,241	2,186,993	4,012,932	9,930,486	619,147	100	100	9.08	
1947.....	16,794	(NA)	1,441,697	3,925,171	1,221,395	(NA)	3,057,647	6,926,055	(NA)	101	91	10.09	
1939.....	13,116	(NA)	1,015,773	1,356,236	853,371	(NA)	997,582	2,476,862	(NA)	71	61	10.66	
1929.....	16,947	(NA)	1,154,910	1,749,287	1,014,046	(NA)	1,379,444	3,430,606	(NA)	81	62	11.96	
1919.....	26,614	(NA)	1,290,204	1,732,913	1,130,612	(NA)	1,399,201	3,092,976	(NA)	91	63	13.12	
1909.....	27,563	(NA)	972,428	566,524	877,543	(NA)	455,627	1,044,182	(NA)	68	45	13.87	
1899.....	23,462	(NA)	707,895	343,022	663,960	(NA)	296,877	691,581	(NA)	50	31	14.60	
East North Central:													
1958.....	60,808	20,885	4,084,360	21,678,590	3,028,034	5,924,355	14,541,759	40,937,847	2,607,758	92	98	26.53	
1954.....	58,945	20,494	4,458,019	19,992,316	5,488,705	6,957,213	14,259,174	36,482,313	2,653,889	100	100	28.50	
1947.....	50,569	(NA)	4,322,812	13,019,237	3,567,725	(NA)	9,940,544	23,474,185	1,863,548	97	91	30.24	
1939.....	38,013	(NA)	2,692,815	4,092,078	2,180,600	(NA)	2,932,440	7,444,406	(NA)	60	61	28.26	
1929.....	46,396	(NA)	2,949,356	4,841,271	2,542,176	(NA)	3,738,803	9,973,491	(NA)	66	62	30.53	
1919.....	58,717	(NA)	2,824,606	3,849,389	2,387,477	(NA)	2,981,205	7,093,838	(NA)	63	63	28.71	
1909.....	60,013	(NA)	1,729,537	1,077,660	1,513,764	(NA)	827,153	2,177,230	(NA)	39	45	24.67	
1899.....	50,521	(NA)	1,176,672	574,539	1,073,322	(NA)	473,040	1,205,478	(NA)	26	31	24.26	
Ohio:													
1958.....	14,931	5,534	1,162,276	6,229,228	856,457	1,658,255	4,170,233	11,472,503	784,644	92	98	7.55	
1954.....	14,549	5,478	1,265,606	5,643,946	985,222	1,945,816	4,012,194	10,145,323	760,913	100	100	8.09	
1947.....	12,302	(NA)	1,194,263	3,559,540	988,110	(NA)	2,726,991	6,357,957	(NA)	94	91	8.36	
1939.....	9,543	(NA)	731,742	1,120,831	595,520	(NA)	809,399	2,116,434	(NA)	58	61	7.68	
1929.....	11,855	(NA)	853,385	1,404,180	741,143	(NA)	1,102,166	2,889,804	(NA)	67	62	8.83	
1919.....	15,585	(NA)	867,255	1,214,552	728,303	(NA)	941,340	2,182,610	(NA)	68	63	8.82	
1909.....	15,138	(NA)	508,285	317,597	446,934	(NA)	245,450	613,734	(NA)	40	45	7.25	
1899.....	13,868	(NA)	336,218	164,579	308,109	(NA)	136,428	339,368	(NA)	27	31	6.93	
Indiana:													
1958.....	6,555	2,444	544,347	2,826,593	407,496	795,956	1,912,847	5,478,123	490,203	98	98	3.54	
1954.....	6,355	2,344	583,821	2,507,314	458,894	904,092	1,798,844	4,631,972	301,479	100	100	3.73	
1947.....	5,403	(NA)	548,260	1,582,837	457,544	(NA)	1,232,189	2,969,961	(NA)	94	91	3.84	
1939.....	4,192	(NA)	337,869	474,099	275,272	(NA)	342,652	964,746	(NA)	58	61	3.55	
1929.....	5,091	(NA)	359,888	534,186	314,698	(NA)	418,771	1,136,463	(NA)	62	62	3.73	
1919.....	7,558	(NA)	332,362	400,942	276,695	(NA)	315,976	721,736	(NA)	57	63	3.38	
1909.....	7,969	(NA)	210,589	121,816	186,984	(NA)	95,511	244,700	(NA)	36	45	3.00	
1899.....	7,128	(NA)	149,464	69,251	139,017	(NA)	59,280	141,909	(NA)	26	31	3.08	
Illinois:													
1958.....	18,100	6,586	1,139,412	5,864,600	835,233	1,631,757	3,833,476	11,664,070	697,273	97	98	7.40	
1954.....	17,628	6,377	1,177,043	5,134,917	902,967	1,787,663	3,518,602	9,663,848	551,669	100	100	7.52	
1947.....	15,993	(NA)	1,186,134	3,589,364	955,057	(NA)	2,628,615	6,683,083	(NA)	101	91	8.30	
1939.....	11,983	(NA)	752,728	1,107,625	590,995	(NA)	742,451	2,187,240	(NA)	64	61	7.90	
1929.....	15,333	(NA)	827,507	1,393,592	691,555	(NA)	1,024,870	2,930,038	(NA)	70	62	8.57	
1919.....	17,808	(NA)	785,859	1,070,992	649,994	(NA)	797,081	1,929,125	(NA)	67	63	8.00	
1909.....	18,026	(NA)	543,687	364,758	465,764	(NA)	273,319	758,350	(NA)	46	45	7.75	
1899.....	14,374	(NA)	373,835	199,653	332,871	(NA)	159,104	439,418	(NA)	32	31	7.71	

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	
											Division, State, or SMSA	United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)			as a percent of the United States
East North Central—Continued Michigan:												
1958.....	13,429	3,990	809,590	4,618,694	608,856	1,204,072	3,184,797	8,363,614	444,030	81	98	5.26
1954.....	12,711	4,001	1,001,630	4,891,749	809,316	1,650,338	3,660,965	8,707,194	870,465	100	100	6.40
1947.....	9,891	(NA)	975,481	3,097,336	823,255	(NA)	2,444,552	5,200,135	(NA)	97	91	6.82
1939.....	5,961	(NA)	618,702	1,024,965	520,165	(NA)	788,036	1,794,016	(NA)	62	61	6.49
1929.....	6,686	(NA)	599,179	1,041,789	530,035	(NA)	840,505	2,067,344	(NA)	60	62	6.20
1919.....	8,046	(NA)	541,175	787,241	470,274	(NA)	638,420	1,544,581	(NA)	54	63	5.50
1909.....	9,159	(NA)	262,106	153,838	231,499	(NA)	118,968	316,497	(NA)	26	45	3.74
1899.....	7,310	(NA)	169,150	74,868	155,800	(NA)	62,532	143,726	(NA)	17	31	3.49
Wisconsin:												
1958.....	7,793	2,331	428,735	2,139,475	319,992	634,110	1,440,406	3,959,537	191,608	100	98	2.79
1954.....	7,702	2,294	429,919	1,814,390	332,305	669,304	1,268,569	3,333,976	169,363	100	100	2.75
1947.....	6,980	(NA)	418,674	1,190,760	343,850	(NA)	908,197	2,263,047	(NA)	97	91	2.93
1939.....	6,334	(NA)	251,774	364,558	198,648	(NA)	249,902	681,970	(NA)	59	61	2.64
1929.....	7,431	(NA)	309,397	467,524	264,745	(NA)	352,491	949,842	(NA)	72	62	3.20
1919.....	9,720	(NA)	307,955	375,662	262,211	(NA)	288,388	715,786	(NA)	72	63	3.13
1909.....	9,721	(NA)	204,870	119,641	182,583	(NA)	93,905	243,949	(NA)	48	45	2.92
1899.....	7,841	(NA)	148,005	66,188	137,525	(NA)	55,696	141,057	(NA)	34	31	3.05
West North Central:												
1958.....	20,124	5,836	932,590	4,407,575	685,261	1,342,576	2,913,709	8,869,656	515,187	100	98	6.06
1954.....	19,020	5,483	936,854	3,718,695	713,218	1,426,485	2,573,275	7,113,932	389,111	100	100	5.99
1947.....	17,389	(NA)	786,147	2,069,657	635,455	(NA)	1,507,209	4,115,706	340,462	84	91	5.50
1939.....	14,066	(NA)	490,651	642,705	376,156	(NA)	420,581	1,348,167	(NA)	52	61	5.15
1929.....	17,792	(NA)	567,160	804,673	474,115	(NA)	589,162	1,869,991	(NA)	61	62	5.87
1919.....	26,255	(NA)	603,866	734,649	492,054	(NA)	536,304	1,387,774	(NA)	64	63	6.14
1909.....	27,171	(NA)	437,777	274,298	374,337	(NA)	204,793	562,044	(NA)	47	45	6.24
1899.....	20,732	(NA)	296,657	146,336	266,051	(NA)	117,209	325,404	(NA)	32	31	6.12
Minnesota:												
1958.....	5,317	1,433	209,187	1,020,211	149,563	293,859	654,942	2,050,405	108,521	104	98	1.36
1954.....	5,027	1,316	200,522	822,138	151,132	305,345	560,492	1,594,505	82,188	100	100	1.28
1947.....	4,563	(NA)	181,514	508,352	145,020	(NA)	358,605	1,021,274	(NA)	91	91	1.27
1939.....	3,735	(NA)	102,179	143,397	78,023	(NA)	95,273	306,840	(NA)	51	61	1.07
1929.....	4,315	(NA)	124,231	180,142	103,414	(NA)	132,418	404,995	(NA)	62	62	1.29
1919.....	5,633	(NA)	140,414	169,843	113,781	(NA)	124,811	327,921	(NA)	70	63	1.43
1909.....	5,561	(NA)	99,030	62,923	84,767	(NA)	47,471	127,797	(NA)	49	45	1.41
1899.....	4,096	(NA)	71,182	35,093	64,557	(NA)	29,029	73,394	(NA)	35	31	1.47
Iowa:												
1958.....	3,567	945	164,499	801,705	120,663	240,999	537,704	1,684,269	99,866	101	98	1.07
1954.....	3,320	881	162,705	643,980	122,763	248,683	443,615	1,235,965	73,410	100	100	1.04
1947.....	2,963	(NA)	140,397	372,285	112,467	(NA)	275,411	671,008	(NA)	86	91	0.98
1939.....	2,541	(NA)	88,054	114,087	64,773	(NA)	72,889	243,390	(NA)	54	61	0.92
1929.....	3,317	(NA)	97,414	137,243	81,678	(NA)	102,327	323,820	(NA)	60	62	1.01
1919.....	5,104	(NA)	98,470	122,168	79,196	(NA)	88,381	221,757	(NA)	61	63	1.00
1909.....	5,528	(NA)	73,037	43,514	61,635	(NA)	32,542	88,531	(NA)	45	45	1.00
1899.....	4,828	(NA)	49,579	22,253	44,420	(NA)	18,021	47,092	(NA)	30	31	1.02
Missouri:												
1958.....	6,437	2,215	364,006	1,659,111	271,463	519,349	1,088,712	3,250,749	164,670	99	98	2.36
1954.....	6,198	2,179	368,479	1,420,103	285,378	552,691	977,327	2,727,266	124,394	100	100	2.35
1947.....	5,721	(NA)	327,114	826,179	269,394	(NA)	606,825	1,620,887	(NA)	89	91	2.29
1939.....	4,487	(NA)	220,269	280,667	175,983	(NA)	187,514	581,804	(NA)	60	61	2.31
1929.....	5,765	(NA)	240,602	332,278	202,879	(NA)	240,369	777,497	(NA)	65	62	2.49
1919.....	8,175	(NA)	235,772	273,722	193,754	(NA)	194,927	534,616	(NA)	64	63	2.40
1909.....	8,375	(NA)	177,479	109,837	152,993	(NA)	80,843	219,700	(NA)	48	45	2.53
1899.....	6,853	(NA)	120,178	60,009	107,704	(NA)	46,714	132,115	(NA)	33	31	2.48
North Dakota:												
1958.....	405	79	6,324	26,198	4,398	8,846	16,999	62,643	9,142	113	98	0.04
1954.....	367	65	5,604	19,189	3,913	8,323	12,517	34,991	16,244	100	100	0.04
1947.....	361	(NA)	5,209	12,321	3,817	(NA)	8,476	29,431	(NA)	93	91	0.04
1939.....	342	(NA)	4,075	4,968	2,605	(NA)	2,737	10,984	(NA)	73	61	0.04
1929.....	373	(NA)	5,017	7,762	4,024	(NA)	5,687	15,637	(NA)	90	62	0.05
1919.....	755	(NA)	5,033	6,424	4,169	(NA)	5,033	12,198	(NA)	90	63	0.05
1909.....	752	(NA)	3,425	2,416	2,789	(NA)	1,787	5,464	(NA)	61	45	0.05
1899.....	337	(NA)	1,510	801	1,358	(NA)	671	2,109	(NA)	27	31	0.03
South Dakota:												
1958.....	575	109	12,901	54,786	9,631	18,608	37,452	114,256	5,211	112	98	0.08
1954.....	546	92	11,531	41,096	8,414	17,990	27,977	77,692	3,444	100	100	0.07
1947.....	494	87	10,265	25,796	8,062	17,700	19,193	51,398	3,371	89	91	0.07
1939.....	450	(NA)	7,327	9,036	5,421	(NA)	5,905	19,619	(NA)	64	61	0.08
1929.....	615	(NA)	7,803	10,691	6,535	(NA)	8,132	22,681	(NA)	68	62	0.08
1919.....	1,054	(NA)	6,774	8,773	5,588	(NA)	6,751	17,070	(NA)	59	63	0.07
1909.....	1,020	(NA)	4,284	2,914	3,602	(NA)	2,298	6,394	(NA)	37	45	0.06
1899.....	624	(NA)	2,512	1,305	2,224	(NA)	1,130	3,046	(NA)	22	31	0.05

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes						
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA					
											(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Division, State, or SMSA	United States
West North Central—Con.																
Nebraska:																
1958.....	1,536	412	57,709	258,991	42,902	86,972	174,196	536,317	49,906	101	98	0.37				
1954.....	1,423	378	56,996	213,732	43,431	90,351	150,728	394,222	36,414	100	100	0.36				
1947.....	1,341	(NA)	47,014	119,884	37,325	(NA)	87,400	260,598	(NA)	82	91	0.33				
1939.....	1,093	(NA)	26,183	34,138	18,416	(NA)	20,175	68,139	(NA)	46	61	0.27				
1929.....	1,491	(NA)	34,752	51,347	28,212	(NA)	36,881	119,994	(NA)	61	62	0.36				
1919.....	2,385	(NA)	44,924	60,138	35,387	(NA)	44,513	112,646	(NA)	79	63	0.46				
1909.....	2,500	(NA)	29,444	19,439	24,336	(NA)	13,948	47,938	(NA)	52	45	0.42				
1899.....	1,695	(NA)	20,965	10,950	18,669	(NA)	8,842	34,377	(NA)	37	31	0.43				
Kansas:																
1958.....	2,287	643	117,964	586,573	86,641	173,943	403,704	1,171,017	77,871	90	98	0.77				
1954.....	2,139	572	131,017	558,457	98,187	203,102	400,619	1,049,291	53,017	100	100	0.84				
1947.....	1,946	(NA)	74,634	204,840	59,370	(NA)	151,299	461,110	(NA)	57	91	0.52				
1939.....	1,418	(NA)	42,564	56,412	30,935	(NA)	36,088	117,391	(NA)	32	61	0.45				
1929.....	1,916	(NA)	57,341	85,210	47,373	(NA)	63,348	205,367	(NA)	44	62	0.59				
1919.....	3,149	(NA)	72,479	93,581	60,179	(NA)	71,888	161,566	(NA)	55	63	0.74				
1909.....	3,435	(NA)	51,078	33,255	44,215	(NA)	25,904	66,220	(NA)	39	45	0.73				
1899.....	2,299	(NA)	30,731	15,925	27,119	(NA)	12,802	33,271	(NA)	23	31	0.63				
South Atlantic:																
1958.....	33,079	10,536	1,844,724	6,943,670	1,498,632	2,895,300	4,975,762	14,291,519	988,782	106	98	11.98				
1954.....	30,530	9,424	1,745,368	5,480,898	1,466,329	2,847,753	4,072,165	10,657,727	789,320	100	100	11.16				
1947.....	24,000	(NA)	1,523,890	3,371,438	1,344,836	(NA)	2,710,001	6,941,906	677,651	87	91	10.66				
1939.....	16,657	(NA)	1,110,704	1,073,672	977,596	(NA)	818,075	2,216,976	(NA)	64	61	11.66				
1929.....	20,860	(NA)	999,995	1,035,670	912,247	(NA)	825,903	2,458,223	(NA)	57	62	10.35				
1919.....	28,682	(NA)	896,592	940,127	812,122	(NA)	771,839	1,846,999	(NA)	51	63	9.11				
1909.....	28,088	(NA)	715,047	301,652	663,015	(NA)	244,379	591,182	(NA)	41	45	10.20				
1899.....	19,324	(NA)	482,712	153,274	458,344	(NA)	130,864	316,115	(NA)	28	31	9.95				
Delaware:																
1958.....	547	222	40,491	191,783	29,966	57,283	125,244	419,831	27,311	103	98	0.26				
1954.....	556	209	39,418	151,269	30,988	60,451	104,882	353,083	23,375	100	100	0.25				
1947.....	483	(NA)	34,738	92,858	29,275	(NA)	70,578	183,073	(NA)	88	91	0.24				
1939.....	416	(NA)	23,360	29,114	19,825	(NA)	21,163	54,085	(NA)	59	61	0.25				
1929.....	460	(NA)	26,556	37,407	23,552	(NA)	29,063	69,151	(NA)	67	62	0.27				
1919.....	653	(NA)	33,231	44,914	28,994	(NA)	37,214	79,547	(NA)	84	63	0.34				
1909.....	726	(NA)	23,262	12,618	21,238	(NA)	10,296	21,902	(NA)	59	45	0.33				
1899.....	633	(NA)	21,751	9,794	20,562	(NA)	8,457	16,596	(NA)	55	31	0.45				
Maryland:																
1958.....	3,435	1,334	256,897	1,241,823	190,472	368,548	813,332	2,379,414	120,899	101	98	1.67				
1954.....	3,253	1,279	253,144	987,559	195,916	384,180	675,056	1,888,585	93,908	100	100	1.62				
1947.....	2,826	(NA)	228,655	612,296	188,696	(NA)	458,282	1,139,240	(NA)	90	91	1.60				
1939.....	2,712	(NA)	166,091	209,193	140,930	(NA)	155,938	420,589	(NA)	66	61	1.74				
1929.....	3,231	(NA)	150,906	195,013	131,099	(NA)	148,835	422,097	(NA)	60	62	1.56				
1919.....	4,725	(NA)	159,362	188,223	139,241	(NA)	146,578	322,092	(NA)	63	63	1.62				
1909.....	4,837	(NA)	120,113	59,053	107,921	(NA)	45,436	116,620	(NA)	47	45	1.71				
1899.....	3,886	(NA)	100,911	39,260	94,170	(NA)	32,414	81,722	(NA)	40	31	2.08				
District of Columbia:																
1958.....	507	142	20,818	109,653	11,176	21,270	52,800	198,089	14,732	102	98	0.14				
1954.....	484	148	20,399	90,083	11,821	22,390	44,743	157,213	6,536	100	100	0.13				
1947.....	428	156	17,815	55,872	10,007	21,268	27,691	99,067	4,502	87	91	0.12				
1939.....	452	(NA)	14,377	24,920	7,676	(NA)	11,505	43,367	(NA)	70	61	0.15				
1929.....	547	(NA)	14,002	25,449	9,752	(NA)	15,513	52,773	(NA)	69	62	0.14				
1919.....	568	(NA)	13,327	18,537	10,268	(NA)	12,960	37,404	(NA)	65	63	0.14				
1909.....	518	(NA)	9,283	6,835	7,707	(NA)	4,989	15,043	(NA)	46	45	0.13				
1899.....	491	(NA)	7,112	3,895	6,155	(NA)	3,023	8,951	(NA)	35	31	0.15				
Virginia:																
1958.....	4,414	1,381	251,909	948,960	204,357	397,567	686,814	2,122,652	141,641	105	98	1.64				
1954.....	4,398	1,290	239,733	760,454	202,654	394,735	576,844	1,629,041	109,887	100	100	1.53				
1947.....	3,643	(NA)	216,507	483,575	189,942	(NA)	384,293	1,050,623	(NA)	90	91	1.51				
1939.....	2,494	(NA)	150,202	150,359	132,089	(NA)	113,848	376,259	(NA)	63	61	1.58				
1929.....	3,287	(NA)	131,586	147,352	120,273	(NA)	118,089	380,086	(NA)	55	62	1.36				
1919.....	5,487	(NA)	132,842	145,423	118,976	(NA)	119,583	271,131	(NA)	55	63	1.35				
1909.....	5,867	(NA)	114,227	47,256	105,676	(NA)	38,155	94,211	(NA)	48	45	1.63				
1899.....	3,186	(NA)	70,051	23,903	66,223	(NA)	20,274	49,285	(NA)	29	31	1.44				
West Virginia:																
1958.....	1,899	519	114,431	560,136	90,390	173,129	411,007	1,214,775	167,199	97	98	0.74				
1954.....	2,027	517	118,568	472,560	97,322	185,651	354,666	988,274	98,883	100	100	0.76				
1947.....	1,602	558	127,354	337,869	108,985	215,639	268,469	663,903	82,332	107	91	0.89				
1939.....	1,094	(NA)	87,741	113,660	74,411	(NA)	87,760	213,284	(NA)	74	61	0.92				
1929.....	1,488	(NA)	93,565	136,291	85,326	(NA)	115,295	251,615	(NA)	79	62	0.97				
1919.....	2,627	(NA)	90,651	118,898	82,615	(NA)	101,310	199,568	(NA)	76	63	0.92				
1909.....	2,586	(NA)	68,864	38,710	63,893	(NA)	33,000	69,072	(NA)	58	45	0.98				
1899.....	1,824	(NA)	34,824	14,519	33,080	(NA)	12,640	29,779	(NA)	29	31	0.78				

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll  (\$1,000)	Number	Man-hours  (1,000)	Wages  (\$1,000)			Index of em- ployment change 1954=100		Division, State, or SMSA  as a percent of the United States
										Division, State, or SMSA	United States	
South Atlantic—Con. North Carolina:												
1958.....	7,289	2,629	455,467	1,445,574	392,147	747,876	1,111,075	3,083,448	168,612	106	98	2.96
1954.....	6,645	2,369	430,001	1,157,416	380,089	719,429	915,683	2,210,463	129,622	100	100	2.75
1947.....	5,321	(NA)	381,438	758,757	350,177	(NA)	641,917	1,646,030	(NA)	89	91	2.67
1939.....	3,158	(NA)	293,258	245,879	269,238	(NA)	198,519	544,181	(NA)	68	61	3.08
1929.....	3,797	(NA)	226,425	198,810	209,826	(NA)	160,868	693,013	(NA)	53	62	2.34
1919.....	5,690	(NA)	167,848	148,361	156,376	(NA)	124,978	413,707	(NA)	39	63	1.71
1909.....	4,931	(NA)	128,002	41,259	121,473	(NA)	34,355	94,795	(NA)	30	45	1.83
1899.....	3,465	(NA)	75,216	16,447	72,322	(NA)	14,052	40,420	(NA)	17	31	1.55
South Carolina:												
1958.....	2,888	939	224,549	726,644	193,936	381,540	565,014	1,360,135	75,159	102	98	1.46
1954.....	2,720	834	219,447	632,709	190,119	378,931	486,960	1,040,936	59,629	100	100	1.40
1947.....	2,135	(NA)	188,760	377,105	175,889	(NA)	330,670	793,915	(NA)	86	91	1.32
1939.....	1,300	(NA)	136,094	103,171	126,408	(NA)	86,280	169,294	(NA)	62	61	1.43
1929.....	1,659	(NA)	113,876	86,023	108,777	(NA)	73,223	159,351	(NA)	52	62	1.18
1919.....	1,821	(NA)	83,982	72,336	78,918	(NA)	61,934	152,301	(NA)	38	63	0.85
1909.....	1,854	(NA)	76,303	24,117	73,046	(NA)	20,361	46,885	(NA)	35	45	1.09
1899.....	1,369	(NA)	48,444	10,438	47,025	(NA)	9,130	22,850	(NA)	22	31	1.00
Georgia:												
1958.....	5,796	1,844	312,350	1,062,498	261,099	500,334	775,947	2,102,332	152,440	104	98	2.03
1954.....	5,655	1,713	301,290	843,557	260,082	503,497	642,582	1,592,411	162,849	100	100	1.93
1947.....	4,755	(NA)	249,958	484,289	225,838	(NA)	399,862	1,016,079	(NA)	83	91	1.75
1939.....	3,055	(NA)	176,965	142,021	155,870	(NA)	106,195	280,032	(NA)	59	61	1.86
1929.....	4,179	(NA)	171,734	140,674	158,774	(NA)	110,435	294,649	(NA)	57	62	1.78
1919.....	4,608	(NA)	135,263	125,503	122,578	(NA)	100,146	251,098	(NA)	45	63	1.38
1909.....	4,792	(NA)	112,895	43,867	104,588	(NA)	34,805	85,893	(NA)	37	45	1.61
1899.....	3,015	(NA)	87,151	23,162	83,336	(NA)	19,958	45,176	(NA)	29	31	1.80
Florida:												
1958.....	6,304	1,526	167,812	656,599	125,089	247,753	434,529	1,410,843	120,789	136	98	1.09
1954.....	4,792	1,065	123,368	385,291	97,338	198,489	270,749	797,721	104,631	100	100	0.79
1947.....	2,807	755	78,665	168,817	66,027	139,890	128,239	349,976	50,052	64	91	0.55
1939.....	1,976	(NA)	62,616	55,355	51,149	(NA)	36,847	115,885	(NA)	51	61	0.66
1929.....	2,212	(NA)	71,345	66,651	64,868	(NA)	54,582	135,488	(NA)	58	62	0.74
1919.....	2,503	(NA)	80,086	77,932	74,156	(NA)	67,136	120,151	(NA)	65	63	0.81
1909.....	2,159	(NA)	62,098	27,937	57,473	(NA)	22,982	46,761	(NA)	50	45	0.89
1899.....	1,275	(NA)	37,252	12,216	35,471	(NA)	10,916	21,336	(NA)	30	31	0.77
East South Central:												
1958.....	13,641	4,381	767,104	2,991,764	626,738	1,210,267	2,189,760	6,401,727	474,408	107	98	4.98
1954.....	12,854	4,034	714,758	2,288,840	601,493	1,166,807	1,713,827	4,701,863	395,991	100	100	4.57
1947.....	10,911	(NA)	635,445	1,363,617	559,827	(NA)	1,096,474	2,884,391	256,002	89	91	4.45
1939.....	7,024	(NA)	410,008	389,733	355,096	(NA)	288,656	823,101	(NA)	57	61	4.30
1929.....	9,860	(NA)	416,905	440,520	377,870	(NA)	348,734	924,428	(NA)	58	62	4.32
1919.....	14,094	(NA)	364,878	367,639	327,352	(NA)	296,470	660,223	(NA)	51	63	3.71
1909.....	15,381	(NA)	288,257	131,200	261,772	(NA)	102,192	294,325	(NA)	40	45	4.11
1899.....	10,058	(NA)	188,412	66,388	177,208	(NA)	56,004	148,579	(NA)	26	31	3.88
Kentucky:												
1958.....	2,850	927	157,754	693,174	124,704	241,746	491,809	1,781,969	108,855	108	98	1.02
1954.....	2,651	851	146,434	529,206	119,218	233,719	383,945	1,236,260	124,037	100	100	0.94
1947.....	2,245	(NA)	129,553	304,782	110,648	(NA)	236,085	743,322	(NA)	88	91	0.91
1939.....	1,582	(NA)	76,504	89,004	62,481	(NA)	61,592	186,485	(NA)	52	61	0.80
1929.....	2,246	(NA)	88,583	113,623	77,825	(NA)	88,644	236,080	(NA)	60	62	0.92
1919.....	3,767	(NA)	79,261	85,845	68,726	(NA)	66,261	158,498	(NA)	54	63	0.81
1909.....	4,776	(NA)	74,010	37,491	65,400	(NA)	27,888	111,975	(NA)	51	45	1.06
1899.....	3,648	(NA)	56,091	22,639	51,735	(NA)	18,454	59,102	(NA)	38	31	1.16
Tennessee:												
1958.....	4,450	1,516	275,790	1,058,364	220,823	426,647	739,504	2,207,073	143,130	106	98	1.79
1954.....	4,058	1,366	260,599	850,175	214,027	418,378	612,461	1,678,786	152,698	100	100	1.67
1947.....	3,345	(NA)	222,300	474,978	193,197	(NA)	371,637	961,385	(NA)	85	91	1.56
1939.....	2,225	(NA)	152,179	149,525	131,024	(NA)	108,828	318,378	(NA)	58	61	1.60
1929.....	2,855	(NA)	142,020	149,080	128,400	(NA)	115,877	322,898	(NA)	54	62	1.47
1919.....	4,426	(NA)	107,725	105,861	94,564	(NA)	80,687	210,201	(NA)	41	63	1.10
1909.....	4,609	(NA)	82,257	37,438	73,840	(NA)	28,252	76,201	(NA)	32	45	1.17
1899.....	3,116	(NA)	49,292	17,775	45,963	(NA)	14,728	38,190	(NA)	19	31	1.02
Alabama:												
1958.....	3,927	1,195	225,358	887,204	188,743	363,169	677,598	1,770,510	164,478	104	98	1.46
1954.....	3,893	1,152	217,084	672,109	188,414	357,780	528,618	1,319,192	82,248	100	100	1.39
1947.....	3,336	(NA)	206,239	444,887	185,700	(NA)	372,510	877,416	(NA)	95	91	1.44
1939.....	1,982	(NA)	129,261	114,706	115,698	(NA)	91,106	245,577	(NA)	60	61	1.36
1929.....	2,848	(NA)	130,034	126,390	119,559	(NA)	102,005	258,125	(NA)	60	62	1.35
1919.....	3,522	(NA)	116,440	116,974	106,679	(NA)	98,482	190,965	(NA)	54	63	1.18
1909.....	3,398	(NA)	78,203	33,849	72,148	(NA)	27,284	62,519	(NA)	36	45	1.12
1899.....	2,000	(NA)	54,970	16,971	52,711	(NA)	14,912	34,112	(NA)	25	31	1.11

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Division, State, or SMSA	United States	percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
East South Central—Continued												
Mississippi:												
1958.....	2,414	743	108,202	353,022	92,468	178,705	280,849	642,175	57,945	119	98	0.70
1954.....	2,252	665	90,641	237,350	79,834	156,930	188,803	467,625	37,008	100	100	0.58
1947.....	1,985	(NA)	77,353	138,970	70,282	(NA)	116,242	302,268	(NA)	85	91	0.54
1939.....	1,235	(NA)	52,064	36,498	45,893	(NA)	27,130	72,661	(NA)	57	61	0.55
1929.....	1,911	(NA)	56,268	51,427	52,086	(NA)	42,208	107,325	(NA)	62	62	0.58
1919.....	2,379	(NA)	61,452	58,959	57,383	(NA)	51,040	100,559	(NA)	68	63	0.62
1909.....	2,598	(NA)	53,787	22,422	50,384	(NA)	18,768	43,630	(NA)	59	45	0.77
1899.....	1,294	(NA)	28,059	9,003	26,799	(NA)	7,910	17,175	(NA)	31	31	0.58
West South Central												
1958.....	18,400	5,261	771,432	3,482,344	580,779	1,152,074	2,349,670	7,791,482	862,063	108	98	5.01
1954.....	16,469	4,601	713,363	2,678,358	556,369	1,128,593	1,868,083	5,721,035	721,065	100	100	4.56
1947.....	13,183	(NA)	550,760	1,334,116	456,641	(NA)	996,258	3,030,203	457,920	77	91	3.85
1939.....	9,509	(NA)	330,516	362,542	258,882	(NA)	234,980	815,276	(NA)	46	61	3.47
1929.....	10,576	(NA)	341,079	416,742	297,743	(NA)	316,474	950,463	(NA)	48	62	3.53
1919.....	13,239	(NA)	323,642	365,389	282,751	(NA)	290,125	724,099	(NA)	45	63	3.29
1909.....	12,339	(NA)	227,958	123,028	204,520	(NA)	97,646	243,312	(NA)	32	45	3.25
1899.....	7,174	(NA)	121,643	50,049	113,388	(NA)	42,715	98,803	(NA)	17	31	2.51
Arkansas:												
1958.....	2,571	666	87,899	288,146	74,429	144,699	220,862	591,745	47,734	112	98	0.57
1954.....	2,428	568	78,391	218,473	67,481	134,479	171,109	457,047	42,715	100	100	0.50
1947.....	1,926	(NA)	65,802	125,200	58,725	(NA)	102,838	267,516	(NA)	84	91	0.46
1939.....	1,115	(NA)	41,183	33,352	35,672	(NA)	24,205	66,444	(NA)	53	61	0.43
1929.....	1,731	(NA)	48,747	49,446	44,205	(NA)	39,503	94,255	(NA)	62	62	0.50
1919.....	3,044	(NA)	54,234	56,207	49,693	(NA)	46,909	96,953	(NA)	69	63	0.55
1909.....	2,925	(NA)	48,275	22,574	44,982	(NA)	19,113	39,981	(NA)	62	45	0.69
1899.....	1,746	(NA)	33,074	11,447	31,525	(NA)	10,184	21,600	(NA)	42	31	0.68
Louisiana:												
1958.....	3,125	935	136,377	618,089	103,519	205,887	426,345	1,429,580	164,044	94	98	0.89
1954.....	3,020	897	144,757	531,639	114,378	232,019	375,730	1,181,649	174,396	100	100	0.92
1947.....	2,388	949	132,463	309,869	111,552	231,384	229,671	694,062	97,210	92	91	0.93
1939.....	1,779	(NA)	87,770	85,273	70,453	(NA)	54,454	198,527	(NA)	61	61	0.92
1929.....	1,989	(NA)	97,551	107,960	87,345	(NA)	83,867	246,497	(NA)	67	62	1.01
1919.....	2,489	(NA)	109,853	116,718	97,742	(NA)	93,858	243,886	(NA)	76	63	1.12
1909.....	2,516	(NA)	84,268	42,394	76,165	(NA)	33,386	89,084	(NA)	58	45	1.20
1899.....	1,826	(NA)	44,454	17,659	40,878	(NA)	14,725	35,994	(NA)	31	31	0.92
Oklahoma:												
1958.....	2,366	572	80,752	367,935	59,739	118,407	248,548	724,998	61,927	101	98	0.52
1954.....	2,131	524	79,851	307,902	60,572	122,530	212,183	580,633	51,740	100	100	0.51
1947.....	1,740	(NA)	55,441	143,634	44,349	(NA)	105,327	341,149	(NA)	69	91	0.39
1939.....	1,530	(NA)	37,585	47,170	27,642	(NA)	29,957	101,782	(NA)	47	61	0.39
1929.....	1,658	(NA)	38,638	57,604	31,695	(NA)	41,277	149,404	(NA)	48	62	0.40
1919.....	2,316	(NA)	35,445	46,234	29,048	(NA)	34,423	87,551	(NA)	44	63	0.36
1909.....	2,310	(NA)	15,336	9,285	13,143	(NA)	7,240	19,530	(NA)	19	45	0.22
1899.....	495	(NA)	2,650	1,113	2,351	(NA)	894	2,703	(NA)	3	31	0.05
Texas:												
1958.....	10,338	3,088	466,404	2,208,174	343,092	683,081	1,453,915	5,045,159	588,358	114	98	3.03
1954.....	8,890	2,612	410,364	1,620,344	313,938	639,565	1,109,061	3,501,706	452,214	100	100	2.62
1947.....	7,129	(NA)	297,054	755,413	242,015	(NA)	558,422	1,727,476	(NA)	72	91	2.08
1939.....	5,085	(NA)	163,978	196,747	125,115	(NA)	126,364	448,523	(NA)	40	61	1.72
1929.....	5,198	(NA)	156,143	201,732	134,498	(NA)	151,827	460,307	(NA)	38	62	1.62
1919.....	5,390	(NA)	124,110	146,230	106,268	(NA)	114,935	295,709	(NA)	30	63	1.26
1909.....	4,588	(NA)	80,079	48,775	70,230	(NA)	37,907	94,717	(NA)	20	45	1.14
1899.....	3,107	(NA)	41,465	19,830	38,604	(NA)	16,912	38,506	(NA)	10	31	0.85
Mountain:												
1958.....	7,561	1,761	225,296	1,123,100	167,863	334,293	780,285	2,251,120	170,712	123	98	1.46
1954.....	6,685	1,467	182,440	723,281	141,658	282,300	522,728	1,450,802	125,440	100	100	1.17
1947.....	5,044	(NA)	140,477	375,900	115,144	(NA)	290,285	783,771	95,023	77	91	0.98
1939.....	3,987	(NA)	89,409	119,074	67,011	(NA)	79,099	269,381	(NA)	49	61	0.94
1929.....	4,319	(NA)	118,778	181,403	102,492	(NA)	144,486	370,056	(NA)	65	62	1.23
1919.....	6,675	(NA)	122,668	169,004	105,794	(NA)	137,075	303,751	(NA)	67	63	1.25
1909.....	5,254	(NA)	85,013	69,392	75,435	(NA)	56,870	135,304	(NA)	47	45	1.21
1899.....	3,146	(NA)	47,983	31,610	44,497	(NA)	27,714	76,220	(NA)	26	31	0.99
Montana:												
1958.....	925	174	20,197	94,090	15,762	30,190	70,428	196,915	21,693	110	98	0.13
1954.....	868	172	18,373	71,289	14,677	27,762	54,098	141,234	20,574	100	100	0.12
1947.....	650	(NA)	15,838	42,770	13,380	(NA)	34,791	90,845	(NA)	86	91	0.11
1939.....	552	(NA)	11,939	17,286	8,802	(NA)	11,697	38,828	(NA)	65	61	0.13

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes				
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Division, State, or SMSA	United States	Index of em- ployment change 1954=100		
												Division, State, or SMSA	United States	as a percent of the United States
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)						
Mountain—Continued														
Montana—Continued														
1929.....	589	(NA)	17,135	29,470	14,869	(NA)	24,215	61,249	(NA)	93	62	0.18		
1919.....	1,235	(NA)	18,893	28,623	16,640	(NA)	23,968	43,079	(NA)	103	63	0.19		
1909.....	677	(NA)	13,035	12,955	11,655	(NA)	10,901	24,092	(NA)	71	45	0.19		
1899.....	395	(NA)	10,362	8,163	9,854	(NA)	7,377	22,677	(NA)	56	31	0.21		
Idaho:														
1958.....	1,059	244	27,239	126,015	22,149	42,992	96,509	255,258	18,409	113	98	0.18		
1954.....	981	204	24,024	92,986	20,124	39,259	73,188	188,575	19,226	100	100	0.15		
1947.....	664	173	16,907	45,748	14,602	31,369	37,904	109,694	11,447	70	91	0.12		
1939.....	498	(NA)	11,719	14,697	9,854	(NA)	11,490	29,788	(NA)	49	61	0.12		
1929.....	562	(NA)	17,023	25,488	15,648	(NA)	22,452	44,489	(NA)	71	62	0.18		
1919.....	803	(NA)	15,022	20,639	13,575	(NA)	18,014	35,659	(NA)	63	63	0.15		
1909.....	725	(NA)	9,078	6,482	8,220	(NA)	5,498	12,480	(NA)	38	45	0.13		
1899.....	287	(NA)	1,644	884	1,552	(NA)	818	1,563	(NA)	7	31	0.03		
Wyoming:														
1958.....	329	57	6,355	31,173	4,699	9,052	22,245	62,558	6,985	102	98	0.04		
1954.....	328	49	6,228	26,774	4,587	9,160	18,777	51,361	6,899	100	100	0.04		
1947.....	256	55	5,607	16,696	4,285	8,888	12,291	34,957	10,235	90	91	0.04		
1939.....	300	(NA)	4,416	6,641	3,351	(NA)	4,613	15,336	(NA)	71	61	0.05		
1929.....	248	(NA)	7,154	12,544	6,258	(NA)	10,255	33,628	(NA)	115	62	0.07		
1919.....	437	(NA)	7,108	12,227	6,271	(NA)	10,587	38,142	(NA)	114	63	0.07		
1909.....	268	(NA)	3,130	2,392	2,867	(NA)	2,081	3,641	(NA)	50	45	0.04		
1899.....	139	(NA)	2,147	1,300	2,060	(NA)	1,209	1,899	(NA)	34	31	0.04		
Colorado:														
1958.....	2,242	535	75,542	390,918	55,084	111,966	265,209	781,943	45,833	120	98	0.49		
1954.....	2,069	490	63,041	247,110	47,941	95,782	172,995	472,433	30,121	100	100	0.40		
1947.....	1,602	425	54,071	144,207	44,153	92,627	109,734	286,774	32,189	86	91	0.38		
1939.....	1,219	(NA)	32,234	43,953	23,388	(NA)	28,038	90,330	(NA)	51	61	0.34		
1929.....	1,548	(NA)	39,113	57,221	32,890	(NA)	43,640	122,331	(NA)	62	62	0.40		
1919.....	2,230	(NA)	40,786	53,770	33,759	(NA)	41,020	97,195	(NA)	65	63	0.41		
1909.....	2,034	(NA)	32,393	25,560	28,067	(NA)	19,912	49,553	(NA)	51	45	0.46		
1899.....	1,323	(NA)	21,368	13,766	19,498	(NA)	11,708	28,317	(NA)	34	31	0.44		
New Mexico:														
1958.....	665	153	13,643	58,694	9,795	19,203	37,950	114,897	15,423	142	98	0.09		
1954.....	593	101	9,603	32,433	7,083	14,154	22,185	65,687	6,585	100	100	0.06		
1947.....	431	(NA)	6,696	14,964	5,530	(NA)	11,438	32,136	(NA)	70	91	0.05		
1939.....	262	(NA)	4,107	4,182	3,219	(NA)	2,875	8,640	(NA)	43	61	0.04		
1929.....	250	(NA)	5,070	6,831	4,476	(NA)	5,565	11,278	(NA)	53	62	0.05		
1919.....	387	(NA)	6,310	7,686	5,736	(NA)	6,658	10,129	(NA)	66	63	0.06		
1909.....	313	(NA)	4,478	2,974	4,143	(NA)	2,591	4,637	(NA)	47	45	0.06		
1899.....	174	(NA)	2,578	1,290	2,490	(NA)	1,199	2,062	(NA)	27	31	0.05		
Arizona:														
1958.....	1,150	257	40,569	214,390	29,980	61,387	148,325	360,173	27,698	155	98	0.26		
1954.....	817	175	26,090	109,868	20,267	42,319	80,563	192,497	13,800	100	100	0.17		
1947.....	544	125	14,188	39,333	11,167	24,263	29,680	83,829	8,328	54	91	0.10		
1939.....	313	(NA)	7,996	10,988	5,905	(NA)	6,955	31,625	(NA)	31	61	0.08		
1929.....	348	(NA)	12,209	19,343	10,550	(NA)	15,075	32,289	(NA)	47	62	0.13		
1919.....	399	(NA)	9,652	14,725	8,297	(NA)	11,658	27,478	(NA)	37	63	0.10		
1909.....	311	(NA)	6,941	6,303	6,441	(NA)	5,505	16,656	(NA)	27	45	0.10		
1899.....	154	(NA)	3,331	2,557	3,126	(NA)	2,287	12,562	(NA)	13	31	0.07		
Utah:														
1958.....	986	296	36,747	181,040	26,717	52,085	120,751	411,785	29,516	125	98	0.24		
1954.....	852	234	29,364	117,520	22,553	44,790	82,442	276,343	23,385	100	100	0.19		
1947.....	771	(NA)	24,503	63,773	19,963	(NA)	48,031	128,250	(NA)	83	91	0.17		
1939.....	549	(NA)	15,537	18,970	11,467	(NA)	11,873	43,341	(NA)	53	61	0.16		
1929.....	651	(NA)	18,510	26,107	15,601	(NA)	19,699	56,727	(NA)	63	62	0.19		
1919.....	1,035	(NA)	21,526	26,524	18,442	(NA)	20,931	45,831	(NA)	73	63	0.22		
1909.....	749	(NA)	13,445	10,366	11,785	(NA)	8,400	20,724	(NA)	46	45	0.19		
1899.....	575	(NA)	6,012	3,263	5,413	(NA)	2,763	6,541	(NA)	20	31	0.12		
Nevada:														
1958.....	205	45	5,004	26,780	3,677	7,418	18,868	67,591	5,155	88	98	0.03		
1954.....	177	42	5,717	25,301	4,426	9,074	18,480	62,672	4,850	100	100	0.04		
1947.....	126	33	2,667	8,409	2,064	4,660	6,416	17,286	2,959	47	91	0.02		
1939.....	94	(NA)	1,461	2,357	1,025	(NA)	1,558	11,493	(NA)	26	61	0.02		
1929.....	123	(NA)	2,564	4,399	2,200	(NA)	3,585	8,065	(NA)	45	62	0.03		
1919.....	149	(NA)	3,371	4,810	3,074	(NA)	4,239	6,238	(NA)	59	63	0.03		
1909.....	177	(NA)	2,513	2,360	2,257	(NA)	1,982	3,521	(NA)	44	45	0.04		
1899.....	99	(NA)	541	387	504	(NA)	353	599	(NA)	9	31	0.01		

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA		Division, State, or SMSA as a percent of the United States
											United States		
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
Pacific:													
1958.....	38,412	10,166	1,526,416	8,397,880	1,106,119	2,171,937	5,368,362	15,436,839	1,024,093	112	98	9.92	
1954.....	35,308	8,983	1,357,138	6,062,013	1,036,909	2,030,426	4,193,819	11,183,969	764,742	100	100	8.67	
1947.....	24,132	(NA)	913,715	2,820,152	745,869	(NA)	2,139,537	5,544,019	553,678	67	91	6.39	
1939.....	16,319	(NA)	523,439	764,247	411,038	(NA)	536,528	1,546,957	(NA)	39	61	5.49	
1929.....	18,154	(NA)	555,534	909,964	471,246	(NA)	670,599	1,922,882	(NA)	41	62	5.75	
1919.....	17,116	(NA)	485,308	685,090	426,005	(NA)	568,266	1,263,163	(NA)	36	63	4.93	
1909.....	13,579	(NA)	242,576	190,638	213,166	(NA)	153,809	349,833	(NA)	18	45	3.46	
1899.....	8,329	(NA)	133,329	74,558	123,206	(NA)	63,777	140,849	(NA)	10	31	2.75	
Washington:													
1958.....	5,065	1,157	212,049	1,157,119	157,260	305,811	761,376	2,166,632	160,445	110	98	1.38	
1954.....	4,929	1,152	192,354	842,660	148,759	280,777	594,668	1,549,060	147,130	100	100	1.23	
1947.....	3,409	(NA)	144,252	437,802	123,442	(NA)	354,445	874,021	(NA)	75	91	1.01	
1939.....	2,858	(NA)	99,119	142,565	82,261	(NA)	108,220	267,716	(NA)	52	61	1.04	
1929.....	3,672	(NA)	128,740	196,575	114,830	(NA)	160,671	367,149	(NA)	67	62	1.33	
1919.....	4,356	(NA)	144,331	222,482	131,241	(NA)	192,473	361,907	(NA)	75	63	1.47	
1909.....	3,674	(NA)	76,854	59,593	69,120	(NA)	49,766	102,859	(NA)	40	45	1.10	
1899.....	1,926	(NA)	33,626	19,129	31,523	(NA)	17,065	32,554	(NA)	17	31	0.69	
Oregon:													
1958.....	5,025	1,151	132,572	639,672	110,188	209,427	499,817	1,222,224	121,317	99	98	0.86	
1954.....	5,870	1,189	134,343	561,580	114,464	214,740	447,741	1,037,456	67,811	100	100	0.86	
1947.....	3,075	970	105,591	317,827	92,144	182,229	265,837	675,017	61,669	79	91	0.74	
1939.....	1,903	(NA)	67,222	87,938	57,487	(NA)	69,574	156,696	(NA)	50	61	0.71	
1929.....	2,463	(NA)	73,865	106,242	65,505	(NA)	86,829	206,542	(NA)	55	62	0.76	
1919.....	2,478	(NA)	64,596	93,906	57,832	(NA)	80,067	158,763	(NA)	48	63	0.66	
1909.....	2,246	(NA)	32,223	23,949	28,750	(NA)	19,902	42,452	(NA)	24	45	0.46	
1899.....	1,406	(NA)	15,602	8,044	14,459	(NA)	6,822	15,804	(NA)	12	31	0.32	
California:													
1958.....	28,322	7,858	1,181,795	6,601,089	838,671	1,656,699	4,107,169	12,047,983	742,331	115	98	7.68	
1954.....	24,509	6,642	1,030,441	4,657,773	773,686	1,534,909	3,151,410	8,597,453	549,801	100	100	6.58	
1947.....	17,648	4,991	663,872	2,064,523	530,283	1,070,270	1,519,255	3,994,981	410,533	64	91	4.64	
1939.....	11,558	(NA)	357,098	533,744	271,290	(NA)	358,734	1,122,545	(NA)	35	61	3.75	
1929.....	12,019	(NA)	352,929	607,147	290,911	(NA)	423,099	1,349,191	(NA)	34	62	3.65	
1919.....	10,282	(NA)	276,381	368,702	236,932	(NA)	295,726	742,493	(NA)	27	63	2.81	
1909.....	7,659	(NA)	133,499	107,096	115,296	(NA)	84,141	204,522	(NA)	13	45	1.90	
1899.....	4,997	(NA)	84,101	47,385	77,224	(NA)	39,890	92,491	(NA)	8	31	1.73	
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup>													
Akron:													
1958.....	698	232	79,403	448,542	54,896	101,341	280,964	760,617	56,700	92	98	0.52	
1954.....	669	223	85,905	389,094	63,170	114,746	259,900	619,497	33,909	100	100	0.55	
1947.....	482	183	94,011	284,302	75,289	(NA)	215,444	460,327	28,744	109	91	0.66	
1939.....	324	(NA)	52,602	96,759	40,114	(NA)	65,463	166,444	(NA)	61	61	0.55	
1929.....	353	(NA)	77,093	132,202	66,871	(NA)	106,477	280,546	(NA)	90	62	0.80	
1919.....	405	(NA)	(NA)	(NA)	71,050	(NA)	102,708	261,175	(NA)	(NA)	63	(NA)	
Albany:													
1958.....	744	281	63,275	324,438	45,278	88,284	211,774	640,902	31,328	79	98	0.41	
1954.....	802	298	79,997	352,697	57,904	115,166	228,039	634,665	49,343	100	100	0.51	
1947.....	(NA)	(NA)	78,785	(NA)	(NA)	(NA)	(NA)	361,844	(NA)	98	91	0.55	
1939.....	601	(NA)	(NA)	(NA)	42,311	(NA)	(NA)	140,398	(NA)	(NA)	61	(NA)	
Allentown-Bethlehem- Easton:													
1958.....	1,005	539	88,335	379,423	70,296	127,516	271,349	683,803	44,658	98	98	0.57	
1954.....	1,007	538	90,265	323,179	74,271	140,359	239,744	593,489	43,417	100	100	0.58	
1947.....	898	(NA)	88,614	22,372	76,351	(NA)	177,547	360,669	(NA)	98	91	0.62	
1939.....	662	(NA)	67,583	80,781	59,181	(NA)	62,891	158,236	(NA)	75	61	0.71	
1929.....	783	(NA)	72,461	107,132	64,919	(NA)	86,508	216,477	(NA)	80	62	0.75	
1919.....	1,169	(NA)	(NA)	(NA)	64,972	(NA)	72,379	180,335	(NA)	(NA)	63	(NA)	
Atlanta:													
1958.....	1,317	523	82,451	371,096	61,456	119,447	232,306	711,947	57,783	102	98	0.54	
1954.....	1,164	450	80,627	292,915	63,018	125,605	197,221	561,051	24,901	100	100	0.52	
1947.....	943	(NA)	51,002	115,437	42,410	(NA)	83,980	242,767	(NA)	63	91	0.36	
1939.....	637	(NA)	(NA)	(NA)	28,821	(NA)	(NA)	(NA)	(NA)	(NA)	61	(NA)	
Baltimore:													
1958.....	2,112	866	195,926	1,000,290	141,635	274,599	641,651	1,963,553	83,982	101	98	1.27	
1954.....	2,015	856	194,249	797,160	147,695	291,251	538,199	1,575,794	76,393	100	100	1.24	
1947.....	1,887	(NA)	174,960	491,941	143,343	(NA)	367,098	921,056	(NA)	90	91	1.22	
1939.....	1,976	(NA)	(NA)	(NA)	109,377	(NA)	(NA)	348,364	(NA)	(NA)	61	(NA)	

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100		Division, State, or SMSA as a percent of the United States
										(\$1,000)	(1,000)	
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup> — Continued												
Binghamton:												
1958.....	302	135	38,057	186,374	26,965	50,654	107,941	242,601	12,200	94	98	0.25
1954.....	289	137	40,502	159,561	32,523	60,697	112,853	268,720	15,213	100	100	0.26
1947.....	237	99	35,769	105,978	30,961	(NA)	86,793	159,879	8,183	88	91	0.25
1939.....	201	(NA)	(NA)	(NA)	27,194	(NA)	(NA)	61,205	(NA)	(NA)	61	(NA)
Birmingham:												
1958.....	660	291	60,450	312,794	47,154	93,871	225,974	587,027	42,760	105	98	0.39
1954.....	605	266	57,762	236,624	46,169	89,227	170,682	481,580	31,518	100	100	0.37
1947.....	529	(NA)	53,359	138,011	44,767	(NA)	106,659	275,630	(NA)	92	91	0.37
1939.....	374	(NA)	31,988	40,440	28,774	(NA)	33,000	105,409	(NA)	55	61	0.34
1929.....	419	(NA)	36,319	49,542	31,544	(NA)	37,924	111,211	(NA)	63	62	0.38
1919.....	440	(NA)	(NA)	(NA)	28,909	(NA)	33,009	62,540	(NA)	(NA)	63	(NA)
Boston: <sup>6</sup>												
1958.....	5,665	2,037	28,611	1,351,628	206,743	404,187	856,008	2,438,149	98,554	(NA)	98	1.86
Bridgeport: <sup>6</sup>												
1958.....	784	289	62,859	319,448	45,568	89,997	209,116	570,625	25,795	(NA)	98	0.41
Buffalo:												
1958.....	1,820	702	169,877	954,466	122,778	241,247	638,704	1,715,627	109,102	85	98	1.10
1954.....	1,829	729	200,801	933,873	152,882	306,577	655,297	1,677,778	139,477	100	100	1.28
1947.....	1,693	706	183,876	557,384	149,758	(NA)	424,928	1,023,231	90,261	92	91	1.29
1939.....	1,356	(NA)	115,589	183,753	90,244	(NA)	125,565	391,785	(NA)	58	61	1.21
1929.....	1,896	(NA)	128,704	212,117	108,966	(NA)	160,766	480,123	(NA)	64	62	1.33
1919.....	2,913	(NA)	(NA)	(NA)	116,633	(NA)	152,180	346,627	(NA)	(NA)	63	(NA)
Canton:												
1958.....	469	184	50,489	265,068	38,152	69,642	181,150	499,608	26,677	89	98	0.33
1954.....	456	183	56,762	247,442	45,351	86,705	184,284	449,371	19,083	100	100	0.36
1947.....	385	166	55,564	158,649	47,600	(NA)	128,551	280,241	15,224	98	91	0.39
1939.....	323	(NA)	32,342	50,343	28,854	(NA)	42,061	107,807	(NA)	57	61	0.34
1929.....	338	(NA)	36,834	67,456	32,202	(NA)	54,735	142,508	(NA)	65	62	0.38
1919.....	584	(NA)	(NA)	(NA)	34,182	(NA)	47,876	108,670	(NA)	(NA)	63	(NA)
Chattanooga:												
1958.....	428	193	40,697	164,878	32,751	64,400	118,224	337,482	11,876	95	98	0.26
1954.....	410	190	42,759	143,569	35,724	69,907	107,515	277,314	33,496	100	100	0.27
1947.....	387	179	38,193	84,375	33,686	(NA)	67,484	149,104	(NA)	89	91	0.27
1939.....	271	(NA)	(NA)	(NA)	23,850	(NA)	(NA)	46,824	(NA)	(NA)	61	(NA)
Chicago:												
1958.....	13,508	4,947	813,569	4,280,994	587,311	1,153,265	2,740,792	8,296,011	463,980	96	98	5.28
1954.....	13,229	4,811	849,438	3,802,346	644,101	1,276,613	2,556,658	6,978,959	328,371	100	100	(NA)
1947.....	12,082	(NA)	857,801	2,693,758	682,028	(NA)	1,934,360	4,964,097	(NA)	101	91	5.43
Chicago, Ill.— Northwestern Ind.:												
1958.....	13,952	5,117	911,823	4,881,584	663,941	1,297,384	3,177,151	9,577,938	714,793	96	98	5.92
1954.....	13,643	4,989	950,954	4,287,691	725,278	1,432,378	2,921,573	7,959,831	430,324	100	100	6.08
1947.....	12,409	(NA)	952,768	3,012,712	762,041	(NA)	2,191,174	5,561,913	(NA)	100	91	6.67
1939.....	9,116	(NA)	(NA)	(NA)	481,438	(NA)	(NA)	1,904,419	(NA)	(NA)	61	(NA)
Cincinnati:												
1958.....	1,776	763	144,464	760,128	99,112	196,713	451,677	1,484,756	103,715	96	98	0.94
1954.....	1,814	791	151,189	672,891	111,405	227,675	438,217	1,317,077	73,004	100	100	0.97
1947.....	1,688	(NA)	134,549	379,993	107,364	(NA)	272,127	775,391	(NA)	89	91	0.94
1939.....	1,521	(NA)	83,466	119,166	72,401	(NA)	90,159	268,017	(NA)	55	61	0.88
1929.....	2,189	(NA)	108,088	167,392	90,468	(NA)	121,721	359,625	(NA)	71	62	1.12
1919.....	2,721	(NA)	(NA)	(NA)	97,166	(NA)	98,908	284,555	(NA)	(NA)	63	(NA)
Cleveland:												
1958.....	3,898	1,383	253,130	1,420,577	181,296	357,331	919,231	2,510,907	142,048	87	98	1.64
1954.....	3,744	1,358	291,037	1,376,234	222,511	442,641	944,795	2,401,375	217,825	100	100	1.86
1947.....	3,252	(NA)	268,232	865,662	218,494	(NA)	644,686	1,543,911	(NA)	92	91	1.88
1939.....	2,441	(NA)	150,854	240,879	129,358	(NA)	83,314	504,992	(NA)	52	61	1.58
1929.....	2,829	(NA)	191,612	336,550	164,793	(NA)	257,664	690,275	(NA)	66	62	1.98
1919.....	3,182	(NA)	(NA)	(NA)	169,813	(NA)	228,927	518,009	(NA)	(NA)	63	(NA)
Columbus, Ohio:												
1958.....	835	306	68,231	357,688	45,242	87,450	211,971	622,651	48,331	94	98	0.44
1954.....	792	301	72,936	314,521	51,934	105,055	204,464	581,383	34,731	100	100	0.47
1947.....	680	(NA)	54,925	153,551	42,405	(NA)	105,436	277,964	(NA)	75	91	0.38
1939.....	500	(NA)	29,380	39,631	25,309	(NA)	29,658	90,049	(NA)	41	61	0.31
1929.....	624	(NA)	32,603	50,730	27,562	(NA)	36,911	111,403	(NA)	45	62	0.34
1919.....	774	(NA)	(NA)	(NA)	31,573	(NA)	37,447	82,882	(NA)	(NA)	63	(NA)

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Divisions, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA		Division, State, or SMSA as a percent or the United States
											Division, State, or SMSA	United States	
STANDARD METROPOLITAN STATISTICAL AREAS <sup>2</sup> — Continued													
Dallas:													
1958.....	1,756	608	91,149	432,975	63,181	127,589	256,117	844,821	44,936	117	98	0.59	
1954.....	1,482	518	77,784	303,582	57,080	116,273	191,354	531,649	21,737	100	100	0.50	
1947.....	(NA)	(NA)	42,249	(NA)	(NA)	(NA)	(NA)	253,078	(NA)	54	91	0.30	
1939.....	760	(NA)	(NA)	(NA)	17,523	(NA)	(NA)	63,903	(NA)	(NA)	61	(NA)	
Dayton:													
1958.....	930	363	94,537	537,425	72,463	146,122	380,493	907,584	41,429	89	98	0.61	
1954.....	897	354	106,007	499,406	85,304	171,682	375,208	818,081	51,872	100	100	0.68	
1947.....	754	323	103,312	331,560	86,091	(NA)	257,554	540,986	(NA)	97	91	0.72	
1939.....	566	(NA)	(NA)	(NA)	44,788	(NA)	(NA)	182,500	(NA)	(NA)	61	(NA)	
Denver:													
1958.....	1,286	368	52,084	274,272	37,018	75,002	179,949	562,850	31,046	124	98	0.34	
1954.....	1,140	(NA)	41,854	170,744	30,524	62,057	113,242	320,461	18,987	100	100	0.27	
1947.....	(NA)	(NA)	35,224	(NA)	(NA)	(NA)	(NA)	190,220	(NA)	84	91	0.25	
Detroit:													
1958.....	6,468	1,911	405,035	2,480,281	295,788	584,598	1,659,858	4,312,429	214,358	75	98	2.63	
1954.....	6,159	2,005	538,223	2,773,349	434,365	881,589	2,073,287	4,713,167	480,818	100	100	3.44	
1947.....	4,761	(NA)	557,241	1,852,316	468,170	(NA)	1,457,651	2,912,660	(NA)	104	91	3.90	
1939.....	2,684	(NA)	372,882	655,102	315,221	(NA)	517,849	1,087,575	(NA)	69	61	3.91	
1929.....	2,844	(NA)	328,414	616,246	290,980	(NA)	507,375	1,216,159	(NA)	61	62	3.40	
1919.....	2,634	(NA)	(NA)	(NA)	264,961	(NA)	402,488	958,755	(NA)	(NA)	63	(NA)	
Erie:													
1958.....	428	182	34,858	178,776	25,151	49,382	116,138	308,019	24,528	86	98	0.23	
1954.....	422	185	40,488	171,969	31,786	62,089	122,133	286,397	13,882	100	100	0.26	
1947.....	368	172	46,285	134,693	38,076	(NA)	103,640	224,906	17,815	114	91	0.32	
1939.....	296	(NA)	22,794	33,380	19,216	(NA)	24,985	72,110	(NA)	56	61	0.24	
1929.....	366	(NA)	27,352	45,082	23,022	(NA)	33,568	91,258	(NA)	68	62	0.28	
1919.....	455	(NA)	(NA)	(NA)	22,944	(NA)	28,930	70,441	(NA)	(NA)	63	(NA)	
Flint:													
1958.....	278	71	57,536	342,303	46,376	93,261	263,197	578,648	20,280	76	98	0.37	
1954.....	286	76	75,410	387,681	63,979	137,996	316,466	713,846	149,069	100	100	0.48	
1947.....	213	(NA)	54,774	170,845	47,521	(NA)	140,170	323,205	(NA)	73	91	0.38	
1939.....	134	(NA)	36,878	68,734	33,072	(NA)	59,244	133,499	(NA)	49	61	0.39	
1929.....	136	(NA)	35,843	62,606	32,001	(NA)	52,642	142,654	(NA)	48	62	0.37	
1919.....	151	(NA)	(NA)	(NA)	24,884	(NA)	38,589	103,901	(NA)	(NA)	63	(NA)	
Fort Worth:													
1958.....	784	271	55,344	288,235	42,230	82,894	205,257	523,283	19,526	112	98	0.36	
1954.....	637	216	49,605	213,912	38,416	76,161	151,136	372,674	16,731	100	100	0.32	
1947.....	456	161	32,420	83,807	26,757	(NA)	62,392	147,463	(NA)	65	91	0.23	
1939.....	316	(NA)	(NA)	(NA)	8,242	(NA)	(NA)	30,450	(NA)	(NA)	61	(NA)	
Gary-Hammond- East Chicago:													
1958.....	444	170	98,254	600,590	76,630	144,119	436,359	1,281,927	250,813	97	98	0.64	
1954.....	414	178	101,516	485,345	81,177	155,765	364,915	980,872	101,953	100	100	0.65	
1947.....	327	149	94,967	318,954	80,013	(NA)	256,814	597,816	(NA)	94	(NA)	(NA)	
1939.....	237	(NA)	(NA)	(NA)	58,733	(NA)	(NA)	268,034	(NA)	(NA)	(NA)	(NA)	
Grand Rapids:													
1958.....	841	294	44,304	232,923	34,177	68,253	162,926	409,733	14,828	85	98	0.29	
1954.....	776	273	52,337	244,270	41,221	86,735	177,077	454,194	27,710	100	100	0.33	
1947.....	694	272	49,241	147,276	41,961	(NA)	114,990	255,255	15,006	94	91	0.34	
1939.....	468	(NA)	27,155	37,258	23,882	(NA)	29,168	71,736	(NA)	52	61	0.29	
1929.....	561	(NA)	35,063	57,548	30,979	(NA)	44,756	96,706	(NA)	67	62	0.36	
1919.....	700	(NA)	(NA)	(NA)	25,640	(NA)	28,395	63,336	(NA)	(NA)	63	(NA)	
Greensboro- High Point:													
1958.....	577	254	40,115	132,090	33,939	63,589	97,021	315,167	11,876	107	98	0.26	
1954.....	509	218	37,380	104,332	33,045	59,654	77,484	169,106	8,190	100	100	0.24	
1947.....	(NA)	(NA)	28,843	(NA)	(NA)	(NA)	(NA)	125,935	(NA)	77	91	0.20	
1939.....	(NA)	(NA)	(NA)	(NA)	25,123	(NA)	(NA)	39,582	(NA)	(NA)	61	(NA)	
Hartford: <sup>6</sup>													
1958.....	905	281	83,183	423,811	59,806	118,762	275,090	717,049	32,086	(NA)	98	0.54	

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expenditures new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more employees	Number	Payroll	Number	Man-hours	Wages			Index of employment change 1954=100		Division, State, or SMSA as a percent of the United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Division, State, or SMSA	United States	
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup> —Continued												
Houston:												
1958.....	1,750	550	89,294	485,267	62,766	126,880	310,837	1,153,967	151,199	115	98	0.58
1954.....	1,401	458	77,756	362,976	57,532	118,601	243,154	868,747	87,235	100	100	0.50
1947.....	915	(NA)	58,254	181,794	45,671	(NA)	131,073	384,718	(NA)	75	91	0.41
1939.....	620	(NA)	27,116	41,671	22,600	(NA)	30,423	106,608	(NA)	35	61	0.28
1929.....	475	(NA)	26,213	37,909	22,131	(NA)	28,097	93,498	(NA)	34	62	0.27
1919.....	422	(NA)	(NA)	(NA)	11,411	(NA)	12,173	31,964	(NA)	(NA)	63	(NA)
Indianapolis:												
1958.....	1,101	399	95,153	524,518	64,892	129,545	316,233	955,259	65,239	93	98	0.62
1954.....	1,102	385	102,233	464,243	74,681	150,971	302,764	844,783	48,209	100	100	0.65
1947.....	943	(NA)	92,259	278,506	72,827	(NA)	197,989	483,375	(NA)	90	91	0.65
1939.....	784	(NA)	50,666	73,782	38,705	(NA)	47,989	138,633	(NA)	50	61	0.53
1929.....	902	(NA)	55,504	84,492	46,339	(NA)	60,158	178,962	(NA)	54	62	0.57
1919.....	1,028	(NA)	(NA)	(NA)	52,142	(NA)	55,083	135,701	(NA)	(NA)	63	(NA)
Jersey City:												
1958.....	2,400	805	120,678	591,645	89,645	173,230	394,467	1,224,988	49,624	91	98	0.78
1954.....	2,363	785	133,063	569,410	100,902	195,838	380,317	1,119,182	41,723	100	100	0.85
1947.....	(NA)	(NA)	144,039	(NA)	(NA)	(NA)	(NA)	889,898	(NA)	108	91	1.01
1939.....	1,632	(NA)	(NA)	(NA)	85,629	(NA)	(NA)	342,458	(NA)	(NA)	61	(NA)
Kansas City:												
1958.....	1,625	583	99,751	504,810	69,111	135,252	316,575	1,067,175	59,609	87	98	0.65
1954.....	1,513	559	115,132	497,764	84,903	168,431	336,026	1,039,592	45,821	100	100	0.74
1947.....	1,347	(NA)	78,686	218,970	61,735	(NA)	156,262	469,807	(NA)	68	91	0.55
1939.....	1,023	(NA)	50,680	73,102	38,085	(NA)	47,410	147,655	(NA)	44	61	0.53
1929.....	1,163	(NA)	54,008	80,401	44,203	(NA)	57,076	222,620	(NA)	47	62	0.56
1919.....	1,392	(NA)	(NA)	(NA)	48,546	(NA)	55,322	129,365	(NA)	(NA)	63	(NA)
Lancaster:												
1958.....	632	276	42,295	177,311	33,678	66,476	123,997	367,964	15,630	99	98	0.27
1954.....	612	263	42,545	150,619	34,663	68,491	110,273	288,553	16,059	100	100	0.27
1947.....	(NA)	(NA)	39,139	(NA)	(NA)	(NA)	(NA)	177,965	(NA)	92	91	0.27
Los Angeles-Long Beach:												
1958.....	16,910	4,771	712,711	4,020,622	496,338	989,956	2,418,849	7,044,686	319,113	111	98	4.63
1954.....	14,424	3,974	641,065	2,943,000	471,732	946,178	1,934,617	5,054,697	305,982	100	100	4.10
1947.....	9,771	2,722	358,722	1,118,344	281,806	(NA)	797,090	2,052,671	175,327	56	91	2.51
1939.....	5,505	(NA)	172,757	258,967	127,425	(NA)	167,133	517,671	(NA)	27	61	1.81
1929.....	5,029	(NA)	127,881	210,001	103,652	(NA)	151,486	505,380	(NA)	20	62	1.32
1919.....	3,721	(NA)	(NA)	(NA)	63,255	(NA)	74,291	183,855	(NA)	(NA)	63	(NA)
Louisville:												
1958.....	872	402	83,189	412,348	63,869	125,505	288,167	1,161,445	50,265	98	98	0.54
1954.....	814	386	84,653	354,192	66,502	135,815	252,962	845,031	90,958	100	100	0.54
1947.....	743	(NA)	73,853	193,837	60,878	(NA)	144,248	489,435	(NA)	87	91	0.52
1939.....	641	(NA)	39,770	46,757	35,009	(NA)	35,581	128,466	(NA)	47	61	0.42
1929.....	822	(NA)	49,459	65,304	42,303	(NA)	48,399	153,178	(NA)	58	62	0.51
1919.....	979	(NA)	(NA)	(NA)	35,238	(NA)	34,165	90,721	(NA)	(NA)	63	(NA)
Memphis:												
1958.....	708	290	40,658	173,356	29,550	58,417	110,762	393,652	33,170	97	98	0.26
1954.....	632	282	41,804	152,582	32,310	65,441	103,324	336,167	31,773	100	100	0.27
1947.....	(NA)	(NA)	36,042	(NA)	(NA)	(NA)	(NA)	202,438	(NA)	86	91	0.25
1939.....	364	(NA)	(NA)	(NA)	18,125	(NA)	(NA)	57,494	(NA)	(NA)	61	(NA)
Milwaukee:												
1958.....	2,298	800	180,758	992,131	126,193	246,051	626,540	1,722,520	78,377	98	98	1.17
1954.....	2,222	820	183,816	843,382	135,712	267,618	561,997	1,493,953	71,404	100	100	1.17
1947.....	2,108	(NA)	185,692	560,298	146,978	(NA)	413,095	1,013,542	(NA)	101	91	1.30
1939.....	(NA)	(NA)	(NA)	(NA)	82,704	(NA)	(NA)	299,808	(NA)	(NA)	61	(NA)
Minneapolis-St. Paul:												
1958.....	2,433	881	135,136	696,603	91,936	180,213	421,800	1,396,579	49,909	100	98	0.88
1954.....	2,289	804	135,288	586,150	99,171	98,945	386,367	1,116,758	49,118	100	100	0.86
1947.....	2,152	(NA)	123,266	361,342	96,302	(NA)	245,271	724,639	(NA)	91	91	0.86
Newark:												
1958.....	4,425	1,587	226,651	1,155,750	163,629	320,293	738,588	2,292,865	122,252	94	98	1.47
1954.....	4,255	1,571	241,925	1,054,763	181,137	359,439	695,260	1,964,973	128,151	100	100	1.55
1947.....	(NA)	(NA)	222,762	(NA)	(NA)	(NA)	(NA)	1,317,281	(NA)	92	91	1.56
1939.....	2,458	(NA)	(NA)	(NA)	116,122	(NA)	(NA)	438,574	(NA)	(NA)	61	(NA)
New Haven: <sup>6</sup>												
1958.....	722	275	42,113	201,827	31,160	60,896	130,470	331,069	18,458	(NA)	98	0.27

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures new <sup>4</sup>	Comparative employment indexes			
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA	United States	Division, State, or SMSA as a percent of the United States
				(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup> — Continued													
New Orleans:													
1958.....	901	313	45,291	202,271	34,023	66,013	138,506	466,914	26,401	85	98	0.29	
1954.....	856	305	53,212	193,617	41,423	81,758	135,236	374,873	64,588	100	100	0.34	
1947.....	724	293	45,363	105,210	37,932	(NA)	78,201	222,995	19,306	85	91	0.32	
1939.....	688	(NA)	28,679	27,158	25,509	(NA)	19,931	80,810	(NA)	54	61	0.30	
1929.....	851	(NA)	31,558	35,893	27,065	(NA)	24,839	94,120	(NA)	59	62	0.33	
1919.....	923	(NA)	(NA)	(NA)	30,231	(NA)	27,935	83,836	(NA)	(NA)	63	(NA)	
New York:													
1958.....	39,396	11,705	1,074,561	4,984,653	793,676	1,493,692	3,129,473	9,388,523	305,987	96	98	6.98	
1954.....	41,012	11,754	1,120,638	4,453,870	872,130	1,651,802	2,943,559	8,133,224	183,330	100	100	7.16	
1947.....	(NA)	(NA)	1,027,001	(NA)	(NA)	(NA)	(NA)	5,984,484	(NA)	92	91	7.18	
1939.....	26,206	(NA)	(NA)	(NA)	540,878	(NA)	(NA)	1,969,558	(NA)	(NA)	61	(NA)	
New York-Northeastern New Jersey:													
1958.....	50,413	15,645	1,660,404	7,946,344	1,222,596	2,332,244	5,048,080	15,267,750	604,129	96	98	10.79	
1954.....	51,403	15,551	1,731,977	7,095,016	1,336,116	2,566,509	4,714,688	13,115,922	444,124	100	100	11.07	
1947.....	48,281	(NA)	1,598,662	4,919,631	1,269,283	(NA)	3,485,822	9,310,900	(NA)	92	91	11.18	
1939.....	32,132	(NA)	1,116,708	1,646,817	867,953	(NA)	1,062,156	3,126,135	(NA)	64	61	11.72	
1929.....	36,923	(NA)	1,110,942	1,988,775	910,870	(NA)	1,399,940	4,452,465	(NA)	64	62	11.50	
1919.....	42,293	(NA)	(NA)	(NA)	1,057,677	(NA)	1,300,273	3,592,026	(NA)	(NA)	63	(NA)	
Paterson-Clifton- Passaic:													
1958.....	3,332	1,138	156,330	782,225	115,068	226,282	507,911	1,464,579	50,083	101	98	1.02	
1954.....	2,956	1,041	155,128	663,530	119,026	235,164	451,491	1,162,689	39,724	100	100	0.99	
1947.....	(NA)	(NA)	131,029	(NA)	(NA)	(NA)	(NA)	701,632	(NA)	84	91	0.92	
1939.....	1,364	(NA)	(NA)	(NA)	82,530	(NA)	(NA)	227,659	(NA)	(NA)	61	(NA)	
Peoria:													
1958.....	321	125	32,318	168,125	24,656	44,672	115,896	487,559	21,548	86	98	0.21	
1954.....	313	107	37,778	167,347	30,211	59,984	124,639	362,496	20,934	100	100	0.24	
1947.....	278	(NA)	42,511	123,726	34,492	(NA)	94,376	280,670	(NA)	113	91	0.30	
1939.....	265	(NA)	21,962	34,440	18,875	(NA)	28,023	85,046	(NA)	58	61	0.23	
1929.....	268	(NA)	18,067	27,840	14,773	(NA)	20,143	82,024	(NA)	48	62	0.19	
1919.....	383	(NA)	(NA)	(NA)	12,304	(NA)	13,684	42,519	(NA)	(NA)	63	(NA)	
Philadelphia:													
1958.....	8,124	3,147	515,172	2,573,486	380,404	738,073	1,688,750	4,826,261	306,123	94	98	3.35	
1954.....	8,079	3,159	547,042	2,291,639	419,932	827,015	1,564,348	4,023,700	275,789	100	100	3.50	
1947.....	7,394	(NA)	531,809	1,530,678	436,996	(NA)	1,139,148	2,772,649	(NA)	97	91	3.72	
1939.....	5,756	(NA)	393,561	555,590	320,627	(NA)	385,782	1,037,292	(NA)	72	61	4.13	
1929.....	7,136	(NA)	428,914	663,047	367,784	(NA)	497,430	1,396,529	(NA)	78	62	4.44	
1919.....	11,673	(NA)	(NA)	(NA)	465,487	(NA)	567,866	1,303,034	(NA)	(NA)	63	(NA)	
Pittsburgh:													
1958.....	2,479	921	269,888	1,523,779	202,696	380,073	1,057,073	2,622,340	262,562	89	98	1.75	
1954.....	2,381	917	303,620	1,365,174	239,638	454,812	995,776	2,481,817	164,024	100	100	1.94	
1947.....	2,227	(NA)	337,928	1,023,833	283,985	(NA)	807,101	1,704,327	(NA)	111	91	2.36	
1939.....	1,905	(NA)	229,353	357,044	191,278	(NA)	270,370	640,908	(NA)	76	61	2.41	
1929.....	2,544	(NA)	248,607	423,336	216,481	(NA)	338,023	835,162	(NA)	82	62	2.57	
1919.....	3,796	(NA)	(NA)	(NA)	244,991	(NA)	366,325	803,556	(NA)	(NA)	63	(NA)	
Portland, Oregon:													
1958.....	1,758	458	57,037	288,400	43,514	82,905	201,626	597,572	32,163	101	98	0.37	
1954.....	1,787	438	56,729	239,997	44,840	85,943	172,036	475,021	27,190	100	100	0.36	
1947.....	1,298	409	51,643	153,747	42,675	(NA)	119,893	314,273	36,254	91	91	0.36	
1939.....	943	(NA)	28,398	38,224	25,017	(NA)	30,679	79,875	(NA)	50	61	0.30	
1929.....	1,307	(NA)	38,083	56,783	31,576	(NA)	42,254	112,605	(NA)	67	62	0.39	
1919.....	1,129	(NA)	(NA)	(NA)	38,075	(NA)	54,862	111,892	(NA)	(NA)	63	(NA)	
Providence: <sup>6</sup>													
1958.....	2,913	993	125,419	500,349	100,371	194,833	346,093	849,524	32,931	(NA)	98	0.81	
Reading:													
1958.....	697	319	48,135	192,121	38,942	73,634	137,884	341,515	16,380	98	98	0.31	
1954.....	669	317	49,130	167,369	41,468	78,141	126,928	294,269	17,415	100	100	0.31	
1947.....	616	(NA)	53,024	135,843	46,373	(NA)	110,795	230,161	(NA)	108	91	0.37	
1939.....	493	(NA)	46,124	53,975	40,537	(NA)	41,612	83,782	(NA)	94	61	0.48	
1929.....	567	(NA)	47,525	67,817	43,487	(NA)	56,302	117,936	(NA)	97	62	0.49	
1919.....	1,031	(NA)	(NA)	(NA)	41,072	(NA)	39,910	81,355	(NA)	(NA)	63	(NA)	
Richmond:													
1958.....	492	208	37,909	167,104	28,542	56,176	111,788	450,910	22,207	105	98	0.25	
1954.....	475	192	36,250	128,569	28,458	54,878	87,076	343,916	20,826	100	100	0.23	

See footnotes at end of table.

Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All Employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll	Number	Man-hours	Wages			Index of em- ployment change 1954=100	Division, State, or SMSA as a percent of the United States	
			(\$1,000)		(1,000)	(\$1,000)	(\$1,000)	(\$1,000)				
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup> — Continued												
Rochester:												
1958.....	1,015	337	100,876	559,800	70,818	134,287	342,831	1,072,709	54,352	91	98	0.66
1954.....	979	330	111,385	508,033	83,246	163,733	338,183	919,779	58,810	100	100	0.71
1947.....	907	(NA)	107,493	319,227	85,696	(NA)	234,932	514,543	(NA)	97	91	0.75
1939.....	755	(NA)	67,004	106,494	50,898	(NA)	70,381	207,730	(NA)	60	61	0.70
1929.....	1,044	(NA)	74,107	119,628	62,239	(NA)	87,844	247,685	(NA)	67	62	0.77
1919.....	1,536	(NA)	(NA)	(NA)	67,553	(NA)	73,332	195,916	(NA)	(NA)	63	(NA)
St. Louis:												
1958.....	3,150	1,251	243,573	1,242,469	179,971	348,621	822,308	2,382,826	152,791	95	98	1.58
1954.....	3,161	1,256	255,525	1,079,972	194,478	380,470	741,526	2,088,314	133,870	100	100	1.63
1947.....	2,987	(NA)	248,919	676,553	204,147	(NA)	501,467	1,326,402	(NA)	97	91	1.74
San Diego:												
1958.....	755	159	70,867	442,962	46,468	95,367	248,636	605,526	26,340	148	98	0.46
1954.....	595	114	47,731	221,656	37,310	74,405	156,997	390,218	7,986	100	100	0.30
1947.....	419	81	20,783	61,993	15,264	(NA)	41,863	101,548	4,921	44	91	0.15
1939.....	249	(NA)	(NA)	(NA)	5,964	(NA)	(NA)	21,595	(NA)	(NA)	61	(NA)
San Francisco:												
1958.....	4,433	1,316	177,953	980,261	217,628	243,874	645,866	2,070,563	157,474	103	98	1.16
1954.....	4,106	1,189	173,135	793,165	128,746	250,004	539,483	1,673,825	114,955	100	100	1.11
1947.....	3,670	(NA)	163,606	526,626	131,127	(NA)	393,238	1,048,720	(NA)	94	91	1.14
1939.....	3,213	(NA)	101,103	165,356	76,044	(NA)	110,418	361,966	(NA)	58	61	1.06
1929.....	3,923	(NA)	109,119	179,628	89,299	(NA)	131,461	448,062	(NA)	63	62	1.13
1919.....	3,651	(NA)	(NA)	(NA)	107,080	(NA)	140,611	360,185	(NA)	(NA)	63	(NA)
San Jose:												
1958.....	773	253	51,377	322,743	36,184	70,702	195,708	631,557	36,769	184	98	0.33
1954.....	567	164	27,942	116,213	21,304	41,433	81,328	263,587	19,914	100	100	0.13
1947.....	(NA)	(NA)	18,389	(NA)	(NA)	(NA)	(NA)	116,810	(NA)	66	91	0.13
1939.....	289	(NA)	(NA)	(NA)	9,251	(NA)	(NA)	29,579	(NA)	(NA)	61	(NA)
Seattle:												
1958.....	1,903	477	114,290	655,437	79,103	156,744	386,612	1,064,863	56,777	130	98	0.74
1954.....	1,741	444	87,726	392,260	63,032	119,825	251,631	599,812	55,770	100	100	0.56
1947.....	1,418	435	63,624	198,979	52,752	(NA)	154,126	337,255	(NA)	73	91	0.45
1939.....	1,282	(NA)	(NA)	(NA)	29,918	(NA)	(NA)	103,336	(NA)	(NA)	61	(NA)
South Bend:												
1958.....	332	108	34,576	194,705	22,680	43,694	115,334	342,525	13,355	79	98	0.22
1954.....	330	108	43,622	201,674	33,025	61,276	140,295	320,106	7,552	100	100	0.28
1947.....	259	(NA)	44,139	144,419	37,158	(NA)	117,504	234,908	(NA)	101	91	0.31
1939.....	194	(NA)	24,178	36,930	20,819	(NA)	29,592	71,555	(NA)	55	61	0.25
1929.....	236	(NA)	35,032	52,915	31,400	(NA)	43,691	98,430	(NA)	80	62	0.36
1919.....	277	(NA)	(NA)	(NA)	19,957	(NA)	23,206	50,606	(NA)	(NA)	63	(NA)
Springfield-Holyoke: <sup>6</sup>												
1958.....	962	385	69,617	329,284	52,427	103,253	222,581	592,113	25,305	(NA)	98	0.45
Syracuse:												
1958.....	760	281	66,647	349,831	43,183	84,975	191,594	679,910	25,495	98	98	0.43
1954.....	766	274	67,697	282,164	48,653	98,093	184,841	553,701	29,604	100	100	0.43
1947.....	(NA)	(NA)	67,639	(NA)	(NA)	(NA)	(NA)	340,137	(NA)	100	91	0.47
1939.....	509	(NA)	(NA)	(NA)	32,967	(NA)	(NA)	104,975	(NA)	(NA)	61	(NA)
Toledo:												
1958.....	742	247	54,114	304,199	38,620	74,243	198,283	570,107	48,492	91	98	0.35
1954.....	710	260	59,315	285,308	45,157	87,575	197,627	516,437	30,020	100	100	0.38
1947.....	628	(NA)	70,588	224,189	57,600	(NA)	169,729	393,578	(NA)	119	91	0.49
1939.....	473	(NA)	37,958	61,161	30,542	(NA)	43,505	111,138	(NA)	64	61	0.40
1929.....	605	(NA)	58,330	97,339	51,646	(NA)	75,941	206,805	(NA)	98	62	0.60
1919.....	714	(NA)	(NA)	(NA)	44,713	(NA)	56,910	125,667	(NA)	(NA)	63	(NA)
Utica-Rome:												
1958.....	473	171	40,251	192,756	29,185	57,686	124,431	344,834	17,409	94	98	0.26
1954.....	503	184	42,941	168,193	34,003	65,963	122,010	328,206	10,191	100	100	0.27
1947.....	430	(NA)	50,975	140,601	44,202	(NA)	113,932	232,985	(NA)	119	91	0.36
1939.....	383	(NA)	35,885	41,632	32,263	(NA)	33,651	79,945	(NA)	84	61	0.38
1929.....	515	(NA)	43,212	56,829	37,974	(NA)	43,871	106,355	(NA)	101	62	0.45
1919.....	898	(NA)	(NA)	(NA)	43,973	(NA)	45,469	97,553	(NA)	(NA)	63	(NA)

See footnotes at end of table.



Table 6.—General Statistics for Operating Manufacturing Establishments by Divisions, States, and Large Standard Metropolitan Statistical Areas: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Division, State, standard metropolitan statistical area, and year <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Capital expendi- tures, new <sup>4</sup>	Comparative employment indexes		
	Total	With 20 or more em- ployees	Number	Payroll  (\$1,000)	Number	Man-hours  (1,000)	Wages  (\$1,000)			Index of em- ployment change 1954=100	Division, State, or SMSA as a percent of the United States	
											Division, State or SMSA	United States
STANDARD METROPOLITAN STATISTICAL AREAS <sup>5</sup> — Continued												
Waterbury:												
1958.....	417	143	36,457	183,054	28,329	55,580	128,075	298,308	21,560	86	98	0.24
1954.....	391	(NA)	42,186	179,067	33,970	68,261	129,487	307,565	15,648	100	100	0.27
1947.....	295	(NA)	43,388	125,719	36,386	(NA)	96,557	206,291	(NA)	103	91	0.30
1939.....	180	(NA)	32,609	44,795	28,537	(NA)	34,872	81,371	(NA)	77	61	0.34
Wichita:												
1958.....	446	127	52,102	277,627	36,731	73,789	185,308	452,248	13,058	98	98	0.34
1954.....	439	121	53,190	237,206	39,093	82,375	169,904	332,703	5,880	100	100	0.34
1947.....	(NA)	(NA)	17,140	(NA)	(NA)	(NA)	(NA)	86,487	(NA)	32	91	0.12
Wilmington:												
1958.....	369	153	39,178	216,228	27,954	53,732	135,547	455,234	33,192	103	98	0.25
1954.....	344	145	37,919	170,700	28,728	55,882	114,450	387,324	24,681	100	100	0.24
1947.....	299	145	36,506	111,537	29,342	(NA)	80,261	207,254	(NA)	96	91	0.26
Worcester: <sup>6</sup>												
1958.....	792	315	50,817	240,626	36,632	70,864	151,817	376,101	22,221	(NA)	98	0.33
York:												
1958.....	608	298	41,213	167,590	32,893	65,865	120,069	323,618	12,905	91	98	0.27
1954.....	624	300	45,275	161,621	36,004	73,779	113,768	282,942	18,262	100	100	0.29
1947.....	599	(NA)	42,117	101,061	35,746	(NA)	76,865	189,999	(NA)	93	91	0.29
1939.....	455	(NA)	29,909	30,224	27,114	(NA)	24,246	66,435	(NA)	66	61	0.31
1929.....	586	(NA)	33,480	37,891	30,331	(NA)	29,934	88,991	(NA)	74	62	0.35
1919.....	1,023	(NA)	(NA)	(NA)	27,117	(NA)	23,680	57,243	(NA)	(NA)	63	(NA)
Youngstown:												
1958.....	563	230	75,691	421,309	60,923	108,372	319,099	729,376	53,154	88	98	0.49
1954.....	578	238	86,255	391,134	73,128	138,500	309,312	685,996	42,122	100	100	0.55
1947.....	(NA)	(NA)	88,035	(NA)	(NA)	(NA)	(NA)	445,861	(NA)	102	91	0.62
1939.....	333	(NA)	(NA)	(NA)	52,245	(NA)	(NA)	167,572	(NA)	(NA)	61	(NA)

Note: Detailed figures may not equal totals because of independent rounding.

NA Not available.

<sup>1</sup>For a description of the comparability of data for the various years, see footnote 1 to table 1 of the General Summary.<sup>2</sup>Employment and payroll totals for the central administrative offices and auxiliary units are not included in the statistics shown in this table. See table 5 for data relating to these units.<sup>3</sup>For the year 1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year.<sup>4</sup>Does not include expenditures for plants under construction and not yet in operation. Figures for recent years for such capital expenditures will be shown in the expenditure section.<sup>5</sup>This table includes data only for standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 or 1954. The definitions of the standard metropolitan statistical areas are shown on pages 41-43.<sup>6</sup>Comparable data for years prior to 1958 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.





## Major Group 20—Food and Kindred Products

This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, and prepared feeds for animals and fowls. Establishments which are primarily engaged in processing and distributing

fluid milk and cream and those which are primarily engaged in extracting animal and vegetable oils are also included. Establishments producing meat, poultry, dairy, bakery, and confectionery products for sale chiefly at retail on the manufacturing premises are classified in Trade Industries.

Table 1—GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers <sup>2</sup>			Value added by manu- facture, adjusted <sup>3</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	14,760	1,761,816	7,994,060	1,137,621	2,282,823	4,502,056	17,532,558	964,624
Administrative and auxiliary establishments.....	(NA)	(NA)	63,002	440,776	xxx	xxx	xxx	xxx	xxx
✓ Operating manufacturing establishments.....	41,619	(NA)	1,698,814	7,553,284	1,137,621	2,282,823	4,502,056	17,532,558	964,624
Operating manufacturing establishments (based on old SIC).....	40,653	14,289	1,669,204	7,420,731	1,115,181	2,233,412	4,412,002	17,170,290	929,703
Operating manufacturing establishments:									
✓ 1957 <sup>5</sup> .....	(NA)	(NA)	1,687,615	7,141,257	1,133,212	2,304,005	4,243,838	16,346,999	922,575
✓ 1956 <sup>5</sup> .....	(NA)	(NA)	1,706,226	6,963,936	1,166,898	2,378,425	4,201,459	15,959,217	886,935
✓ 1955 <sup>5</sup> .....	(NA)	(NA)	1,674,255	6,543,568	1,154,115	2,343,504	3,940,184	14,790,062	797,712
1954: <sup>4</sup>									
All manufacturing establishments, total.....	(NA)	13,649	1,709,106	6,560,408	1,137,681	2,315,812	3,757,953	13,766,995	787,649
Administrative and auxiliary establishments.....	(NA)	(NA)	62,515	360,309	xxx	xxx	xxx	xxx	xxx
✓ Operating manufacturing establishments.....	42,373	(NA)	1,646,591	6,200,099	1,137,681	2,315,812	3,757,953	13,397,781	787,649
Operating manufacturing establishments:									
1953 <sup>5</sup> .....	(NA)	(NA)	1,455,110	5,266,485	1,059,095	2,160,257	3,435,455	11,937,510	544,698
1952 <sup>5</sup> .....	36,829	(NA)	1,479,583	5,097,690	1,075,104	2,215,823	3,312,530	11,340,145	526,658
1951 <sup>5</sup> .....	38,237	(NA)	1,473,560	4,819,078	1,079,173	2,217,895	3,142,933	10,578,846	687,269
1950 <sup>5</sup> .....	38,466	(NA)	1,492,960	4,414,973	1,074,750	2,217,588	2,857,603	10,104,316	649,445
1949 <sup>5</sup> .....	(NA)	(NA)	1,463,019	4,198,650	1,076,845	2,221,939	2,706,862	9,425,983	723,401
1947.....	42,802	(NA)	1,461,364	3,832,787	1,111,466	2,368,184	2,616,495	9,115,975	820,847
1939.....	43,667	(NA)	(NA)	(NA)	802,133	(NA)	888,355	3,484,696	(NA)
1937.....	48,763	(NA)	(NA)	(NA)	890,503	(NA)	981,409	3,370,755	(NA)
1935.....	48,982	(NA)	932,429	1,067,539	800,108	(NA)	804,159	2,804,162	(NA)
1933.....	40,325	(NA)	767,655	776,783	668,927	(NA)	624,212	2,412,885	(NA)
1931.....	48,729	(NA)	(NA)	(NA)	646,959	(NA)	740,208	2,745,357	(NA)
1929.....	55,325	(NA)	871,910	1,202,590	740,937	(NA)	895,713	3,339,848	(NA)
1927.....	48,947	(NA)	795,881	1,104,311	668,311	(NA)	817,238	2,839,984	(NA)
1925.....	48,151	(NA)	792,772	1,062,044	667,361	(NA)	798,867	2,718,202	(NA)
1923.....	51,173	(NA)	818,098	1,083,559	676,064	(NA)	791,725	2,505,644	(NA)
1921.....	51,502	(NA)	759,931	1,016,293	620,750	(NA)	742,352	2,119,577	(NA)

NA Not available.

<sup>1</sup>In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these units are not available for the years 1955-1957 and prior to 1949.

<sup>2</sup>The "All employees" figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known. "Production workers" includes driver-salesmen in the bakery products industry (S.I.C. 2051) for 1939 and prior years, but not for 1947-1958. The number of driver-salesmen for 1939 was at least 120,000.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1921-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

<sup>4</sup>The figures for 1954-1958 include data for milk bottling plants (S.I.C. 2026) which were not covered in prior years. Value added for this industry was \$1,475,638 thousand in 1954.

<sup>5</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
20	FOOD AND KINDRED PRODUCTS, TOTAL <sup>1</sup> . . . . .	41 619	14 760	1 699 058	7 553 284	1 137 621	2 282 823	4 502 056	17 532 558	964 624	1 646 591	13 398 412
	NEW ENGLAND . . . . .	2 777	842	85 183	355 099	54 323	107 568	197 892	742 700	38 198	84 052	554 867
	MAINE . . . . .	385	122	11 462	37 131	8 908	17 468	25 212	86 209	4 932	10 955	62 237
	NEW HAMPSHIRE . . . . .	161	42	3 129	11 654	1 982	3 930	6 500	21 127	2 550	2 816	17 478
	VERMONT . . . . .	139	35	2 876	11 651	2 022	4 045	7 482	34 294	1 501	2 745	25 738
	MASSACHUSETTS . . . . .	1 348	436	48 045	206 247	30 358	60 450	115 434	409 697	20 054	48 658	313 433
	RHODE ISLAND . . . . .	253	63	6 467	27 478	3 842	7 528	14 532	50 012	3 237	6 116	40 516
	CONNECTICUT . . . . .	491	144	13 204	60 938	7 211	14 147	28 732	141 361	5 924	12 760	95 462
	MIDDLE ATLANTIC . . . . .	7 737	2 581	324 810	1 529 885	215 060	429 781	903 649	3 568 010	185 998	325 800	2 841 823
	NEW YORK . . . . .	3 642	1 204	148 832	718 061	98 331	197 139	423 119	1 649 400	83 553	152 442	1 365 436
	NEW JERSEY . . . . .	1 180	430	61 240	312 072	42 123	83 745	193 603	808 419	41 104	60 172	650 466
	PENNSYLVANIA . . . . .	2 915	947	114 738	499 752	74 606	148 897	286 927	1 110 191	61 341	113 186	825 920
	EAST NORTH CENTRAL . . . . .	8 900	3 162	384 815	1 855 447	255 961	523 135	1 109 151	4 314 282	225 676	391 908	3 447 433
	OHIO . . . . .	2 023	775	85 948	410 866	50 744	104 146	215 729	821 624	47 892	82 923	689 357
	INDIANA . . . . .	1 076	418	48 124	224 736	31 893	66 478	135 751	501 336	30 166	48 543	391 402
	ILLINOIS . . . . .	2 186	901	128 982	648 443	89 745	184 124	406 083	1 653 037	77 174	140 151	1 337 344
	MICHIGAN . . . . .	1 548	533	57 665	282 973	37 485	75 522	163 749	657 595	34 912	57 073	514 730
	WISCONSIN . . . . .	2 067	535	64 096	288 429	46 094	92 865	187 839	624 690	35 532	63 217	514 597
	WEST NORTH CENTRAL . . . . .	4 800	1 523	218 188	1 038 248	153 281	312 048	683 965	2 212 179	123 787	216 710	1 668 361
	MINNESOTA . . . . .	1 242	369	51 761	248 606	37 560	75 213	169 779	518 442	31 341	49 740	398 774
	IOWA . . . . .	1 084	303	53 073	261 733	37 393	76 560	174 678	539 951	34 673	51 270	361 180
	MISSOURI . . . . .	997	390	52 293	249 385	34 863	70 409	153 271	561 191	27 095	53 750	460 274
	NORTH DAKOTA . . . . .	159	43	3 205	12 657	2 085	4 401	7 885	30 316	2 107	3 246	19 892
	SOUTH DAKOTA . . . . .	207	54	8 206	36 679	6 045	11 576	25 040	81 528	3 124	7 791	56 713
	NEBRASKA . . . . .	509	172	27 680	128 737	20 159	41 773	88 278	264 967	13 454	27 730	197 635
	KANSAS . . . . .	602	192	21 970	100 451	15 176	32 116	65 034	215 784	11 993	23 451	173 889
	SOUTH ATLANTIC . . . . .	5 011	2 029	205 817	728 981	134 301	267 440	394 100	1 716 928	111 184	186 465	1 236 284
	DELAWARE . . . . .	139	68	6 273	20 676	4 866	9 084	13 513	51 723	3 439	6 065	37 509
	MARYLAND . . . . .	680	322	35 780	142 114	24 413	47 495	79 443	326 302	14 641	37 755	246 709
	DISTRICT OF COLUMBIA . . . . .	70	40	5 648	28 035	2 642	5 461	11 322	54 154	2 860	6 647	50 377
	VIRGINIA . . . . .	736	337	31 396	104 437	21 709	43 187	59 474	240 963	14 213	28 651	167 103
	WEST VIRGINIA . . . . .	288	103	8 629	33 284	4 515	9 507	14 943	68 756	4 998	8 302	51 492
	NORTH CAROLINA . . . . .	920	368	29 943	99 370	18 031	36 011	48 570	235 207	16 378	24 993	155 557
	SOUTH CAROLINA . . . . .	383	125	10 346	33 404	6 127	12 297	16 056	73 349	4 311	9 062	51 417
	GEORGIA . . . . .	891	331	41 373	136 991	28 597	55 437	79 970	344 517	31 743	34 595	263 797
	FLORIDA . . . . .	904	335	36 429	130 670	23 401	48 961	70 809	321 957	18 601	30 391	212 319
	EAST SOUTH CENTRAL . . . . .	2 385	937	90 179	348 976	58 795	119 478	199 732	875 063	51 984	80 621	642 297
	KENTUCKY . . . . .	571	250	27 198	121 640	18 614	37 630	74 924	363 134	17 807	26 403	299 389
	TENNESSEE . . . . .	778	300	29 959	116 786	18 766	38 446	63 585	262 904	15 885	27 362	187 173
	ALABAMA . . . . .	556	203	19 878	69 802	12 377	25 450	36 920	151 756	10 665	16 073	95 528
	MISSISSIPPI . . . . .	480	184	13 144	40 748	9 038	17 952	24 303	97 269	7 627	10 782	60 206
	WEST SOUTH CENTRAL . . . . .	3 825	1 426	136 385	510 827	88 603	180 770	284 970	1 220 265	71 378	127 041	921 791
	ARKANSAS . . . . .	483	173	15 119	46 410	10 949	21 473	28 412	101 022	5 576	12 788	75 312
	LOUISIANA . . . . .	757	326	30 316	112 748	20 441	41 219	66 724	276 700	15 635	30 734	214 983
	OKLAHOMA . . . . .	538	161	15 415	61 314	9 058	18 443	31 986	131 901	8 191	15 655	98 434
	TEXAS . . . . .	2 047	766	75 535	290 355	48 155	99 635	157 848	710 642	41 976	67 862	533 060
	MOUNTAIN . . . . .	1 747	552	49 556	210 151	33 852	69 714	130 222	482 346	31 417	43 807	323 382
	MONTANA . . . . .	212	51	3 996	16 925	2 794	5 779	11 205	38 825	2 094	4 088	31 888
	IDAHO . . . . .	238	88	7 885	28 786	6 330	12 561	21 040	77 556	7 207	6 139	47 821
	WYOMING . . . . .	88	18	1 417	5 558	988	2 093	3 661	12 487	627	1 392	9 536
	COLORADO . . . . .	496	164	17 451	80 105	11 703	25 264	50 040	175 882	10 186	16 641	120 852
	NEW MEXICO . . . . .	157	51	3 507	13 387	2 105	4 261	6 573	29 176	2 244	2 654	17 359
	ARIZONA . . . . .	219	68	5 660	26 548	3 289	6 866	13 844	56 955	4 324	4 523	38 385
	UTAH . . . . .	291	99	8 864	34 943	6 171	11 853	21 769	83 814	4 079	7 540	50 053
	NEVADA . . . . .	46	13	776	3 899	472	1 037	2 090	7 701	656	826	7 484
	PACIFIC . . . . .	4 444	1 710	203 751	975 145	143 186	272 856	598 183	2 403 490	125 443	190 183	1 762 172
	WASHINGTON . . . . .	733	287	26 487	124 459	18 382	35 904	77 764	297 396	15 357	27 192	219 645
	OREGON . . . . .	566	182	19 555	81 783	14 305	27 466	52 453	199 289	11 210	19 032	141 668
	CALIFORNIA . . . . .	3 145	1 241	157 709	768 903	110 499	209 486	467 966	1 906 805	98 876	143 958	1 400 857
201	MEAT PRODUCTS, TOTAL <sup>1</sup> . . . . .	5 528	2 067	311 758	1 465 624	243 389	487 275	1 061 888	2 499 233	104 736	311 366	1 930 974
	NEW ENGLAND . . . . .	255	88	10 092	44 429	7 977	16 276	31 759	84 358	2 699	9 035	56 552
	MAINE . . . . .	42	11	1 715	5 324	1 497	3 175	4 321	11 149	442	1 112	7 396
	NEW HAMPSHIRE . . . . .	18	9	654	2 346	551	1 095	1 806	3 929	427	457	2 752
	VERMONT . . . . .	11	3	214	708	179	309	482	2 771	176	151	675
	MASSACHUSETTS . . . . .	116	45	5 605	28 163	4 267	8 969	19 622	58 219	1 227	5 655	36 477
	RHODE ISLAND . . . . .	25	4	314	1 107	258	381	780	2 212	139	236	1 350
	CONNECTICUT . . . . .	43	16	1 590	6 781	1 225	2 347	4 748	10 078	288	1 422	7 899
	MIDDLE ATLANTIC . . . . .	890	305	33 095	165 935	24 735	50 955	113 306	290 457	13 642	33 596	217 153
	NEW YORK . . . . .	402	133	13 745	71 822	10 376	21 612	49 166	125 524	6 558	13 490	97 612
	NEW JERSEY . . . . .	118	50	5 268	29 027	3 970	8 171	20 190	53 263	2 121	5 426	38 776
	PENNSYLVANIA . . . . .	370	122	14 082	65 086	10 389	21 172	43 950	111 670	4 963	14 680	80 764
	EAST NORTH CENTRAL . . . . .	1 284	456	70 570	362 993	54 157	110 517	260 865	591 654	25 530	80 239	524 206
	OHIO . . . . .	350	120	14 668	73 457	10 821	22 026	49 566	110 754	5 793	14 257	124 000
	INDIANA . . . . .	205	55	11 495	57 975	9 042	18 881	43 687	94 315	5 020	11 022	67 722
	ILLINOIS . . . . .	329	133	26 370	138 576	20 491	41 792	101 794	226 185	7 879	37 562	216 044
	MICHIGAN . . . . .	245	92	6 835	34 135	5 297	10 583	23 326	72 264	2 970	6 211	49 384
	WISCONSIN . . . . .	155	56	11 202	58 850	8 506	17 235	42 492	88 146	3 868	11 185	67 055

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
201	MEAT PRODUCTS--CONTINUED											
	WEST NORTH CENTRAL. . . . .	617	290	86 727	447 432	68 632	136 537	340 094	730 229	22 875	85 989	538 855
	MINNESOTA. . . . .	89	47	19 217	101 935	15 172	29 644	80 193	165 373	6 413	18 346	136 957
	IOWA. . . . .	118	65	27 332	147 803	21 308	42 466	110 359	230 456	6 530	27 980	166 638
	MISSOURI. . . . .	168	71	11 951	56 317	9 570	19 001	42 095	85 928	2 227	11 229	59 628
	NORTH DAKOTA. . . . .	13	8	763	3 404	590	1 163	2 600	5 827	165	847	4 965
	SOUTH DAKOTA. . . . .	27	14	4 903	24 196	3 996	7 384	18 304	53 427	1 255	4 225	35 194
	NEBRASKA. . . . .	99	47	13 360	67 162	10 993	22 175	53 132	115 901	3 319	13 199	77 538
	KANSAS. . . . .	103	38	9 201	46 615	7 003	14 704	33 411	73 367	2 966	10 161	57 933
	SOUTH ATLANTIC. . . . .	740	297	37 528	125 656	30 506	59 460	89 521	226 254	13 848	32 481	163 170
	DELAWARE. . . . .	28	13	1 774	5 361	1 551	3 013	4 266	8 638	675	1 794	7 877
	MARYLAND. . . . .	82	29	6 192	25 951	4 905	9 432	17 858	43 991	940	7 066	37 796
	VIRGINIA. . . . .	93	42	5 703	19 448	4 770	9 823	14 235	35 790	2 681	5 434	29 321
	NORTH CAROLINA. . . . .	177	71	5 824	15 094	4 896	8 925	11 114	28 160	3 681	3 870	18 708
	SOUTH CAROLINA. . . . .	59	19	1 961	6 089	1 458	2 832	3 820	10 643	559	1 566	7 255
	GEORGIA. . . . .	159	68	11 126	35 039	9 139	17 639	25 218	62 601	3 572	8 569	40 250
	FLORIDA. . . . .	96	41	3 560	13 027	2 719	5 560	8 683	24 316	1 191	2 775	13 618
	EAST SOUTH CENTRAL. . . . .	332	126	17 100	65 230	13 546	27 317	46 864	120 820	6 792	13 323	74 668
	KENTUCKY. . . . .	86	30	3 157	14 650	2 404	4 950	10 498	28 367	1 356	2 877	18 839
	TENNESSEE. . . . .	94	31	5 284	23 568	3 913	7 955	16 207	40 155	1 991	4 747	29 404
	ALABAMA. . . . .	87	37	5 053	16 050	4 183	8 467	12 065	31 163	1 956	3 358	17 172
	MISSISSIPPI. . . . .	65	28	3 606	10 962	3 046	5 945	8 094	21 135	1 489	2 340	9 251
	WEST SOUTH CENTRAL. . . . .	583	218	25 639	94 488	20 059	39 260	66 535	170 581	7 214	24 300	137 887
	ARKANSAS. . . . .	85	40	4 093	11 237	3 612	7 114	9 133	20 790	1 216	3 268	14 125
	LOUISIANA. . . . .	84	27	2 367	7 776	1 901	3 496	5 590	16 341	919	1 821	8 360
	OKLAHOMA. . . . .	82	27	3 977	16 937	2 729	5 616	11 334	32 687	825	4 228	22 405
	TEXAS. . . . .	332	124	15 202	58 538	11 817	23 034	40 478	100 763	4 254	14 981	92 996
	MOUNTAIN. . . . .	256	75	8 616	41 748	6 821	13 595	31 170	74 609	3 016	8 305	49 385
	MONTANA. . . . .	31	6	711	3 198	575	1 065	2 356	4 804	172	720	3 015
	IDAHO. . . . .	49	10	833	3 570	643	1 181	2 540	8 389	358	439	4 784
	COLORADO. . . . .	69	27	3 825	20 778	3 059	6 356	15 869	36 411	1 217	4 402	25 072
	NEW MEXICO. . . . .	18	4	503	2 025	363	757	1 323	4 681	155	367	2 436
	ARIZONA. . . . .	27	8	746	3 587	584	1 235	2 765	6 544	551	594	4 512
	UTAH. . . . .	44	16	1 822	7 910	1 451	2 705	5 745	13 780	453	1 597	7 754
	PACIFIC. . . . .	571	212	22 391	117 713	16 956	33 358	81 774	210 271	9 119	24 093	169 095
	WASHINGTON. . . . .	105	31	3 322	16 687	2 567	5 130	11 895	31 917	1 034	3 472	22 394
	OREGON. . . . .	108	22	2 304	11 436	1 772	3 472	7 987	20 778	2 240	2 686	15 163
	CALIFORNIA. . . . .	358	159	16 765	89 590	12 617	24 756	61 892	157 566	5 845	17 934	131 537
202	DAIRY PRODUCTS, TOTAL. . . . .	9 879	3 315	293 802	1 346 026	142 034	297 110	580 177	2 866 779	200 971	283 431	2 256 738
	NEW ENGLAND. . . . .	876	217	19 099	83 550	8 036	16 250	31 537	168 642	11 772	(*)	(*)
	MAINE. . . . .	100	16	1 473	6 018	721	1 483	2 566	14 549	1 645	1 386	9 439
	NEW HAMPSHIRE. . . . .	75	12	799	3 071	368	697	1 356	5 724	476	1 008	6 004
	VERMONT. . . . .	70	15	1 062	4 102	697	1 456	2 633	10 372	743	(*)	(*)
	MASSACHUSETTS. . . . .	382	105	9 494	39 571	3 977	8 051	15 304	78 883	5 299	(*)	(*)
	RHODE ISLAND. . . . .	75	23	1 642	6 587	620	1 276	2 270	12 843	903	1 510	10 796
	CONNECTICUT. . . . .	174	46	4 629	24 201	1 653	3 287	7 408	46 271	2 706	4 611	36 558
	MIDDLE ATLANTIC. . . . .	1 824	628	55 738	270 555	26 803	54 561	117 194	564 847	44 162	(*)	(*)
	NEW YORK. . . . .	898	281	23 682	115 224	12 681	25 953	56 241	256 885	19 223	24 274	212 991
	NEW JERSEY. . . . .	229	88	7 541	40 656	3 605	7 334	17 020	84 097	6 419	7 430	61 755
	PENNSYLVANIA. . . . .	697	259	24 515	114 675	10 517	21 274	43 933	223 865	18 520	(*)	(*)
	EAST NORTH CENTRAL. . . . .	2 831	908	76 512	367 879	40 532	84 161	171 460	757 231	50 528	74 260	625 882
	OHIO. . . . .	490	231	20 707	105 112	8 926	18 765	38 757	199 161	10 349	(*)	(*)
	INDIANA. . . . .	236	117	8 977	41 651	4 267	9 098	17 656	81 297	4 722	9 559	72 987
	ILLINOIS. . . . .	434	197	14 741	76 293	7 535	15 940	35 061	148 608	11 130	(*)	(*)
	MICHIGAN. . . . .	449	153	12 600	64 512	6 088	12 719	28 406	142 770	8 285	12 067	117 249
	WISCONSIN. . . . .	1 222	210	19 487	80 311	13 716	27 639	51 580	185 395	16 042	18 230	131 628
	WEST NORTH CENTRAL. . . . .	1 787	409	36 388	154 129	20 902	43 978	77 865	334 142	31 319	36 557	257 836
	MINNESOTA. . . . .	674	128	11 325	48 273	7 378	15 400	28 041	100 995	9 964	10 316	72 072
	IOWA. . . . .	472	80	7 025	28 097	4 103	8 475	14 590	71 639	8 682	6 616	47 286
	MISSOURI. . . . .	203	83	8 677	41 004	4 365	9 432	17 426	75 519	5 190	9 827	73 506
	NORTH DAKOTA. . . . .	86	15	1 179	4 262	760	1 663	2 642	11 638	723	(*)	(*)
	SOUTH DAKOTA. . . . .	89	20	1 329	4 601	793	1 634	2 493	12 801	1 026	(*)	(*)
	NEBRASKA. . . . .	105	40	3 000	12 310	1 380	2 888	5 227	28 085	3 342	3 245	23 166
	KANSAS. . . . .	158	43	3 853	15 582	2 123	4 486	7 446	33 465	2 392	3 926	26 360
	SOUTH ATLANTIC. . . . .	596	317	32 023	129 836	12 567	28 166	46 092	289 901	16 397	28 700	212 173
	DELAWARE. . . . .	25	8	786	3 601	319	673	1 335	9 764	568	(*)	(*)
	MARYLAND. . . . .	83	46	4 513	20 963	1 762	4 098	7 325	43 701	1 892	(*)	(*)
	DISTRICT OF COLUMBIA. . . . .	10	10	2 421	12 369	815	1 708	3 493	23 023	823	(*)	(*)
	VIRGINIA. . . . .	88	51	4 674	18 261	1 952	4 435	6 934	39 360	2 434	3 884	25 903
	WEST VIRGINIA. . . . .	60	30	2 502	9 864	951	2 107	3 599	24 257	1 174	2 563	19 432
	NORTH CAROLINA. . . . .	84	54	5 006	17 956	2 104	4 677	7 222	46 638	3 578	4 647	35 611
	SOUTH CAROLINA. . . . .	47	21	1 958	7 182	951	2 020	3 071	16 054	886	1 436	9 961
	GEORGIA. . . . .	112	46	4 183	15 461	1 765	3 921	6 076	33 448	2 006	(*)	(*)
	FLORIDA. . . . .	87	51	5 980	24 179	1 948	4 527	7 037	53 656	3 036	(*)	(*)
	EAST SOUTH CENTRAL. . . . .	439	230	15 931	64 786	7 838	16 828	27 686	143 105	11 208	15 073	113 257
	KENTUCKY. . . . .	128	74	4 745	20 499	2 453	5 125	8 958	43 388	4 739	4 396	36 854
	TENNESSEE. . . . .	154	75	5 615	22 484	2 770	6 139	9 856	50 530	3 556	5 460	38 387
	ALABAMA. . . . .	79	41	3 469	14 694	1 478	3 170	5 253	31 400	1 462	3 004	22 529
	MISSISSIPPI. . . . .	78	40	2 102	7 109	1 137	2 394	3 619	17 787	1 451	2 212	15 486

See footnotes at end of table.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expenditures, new	All employees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
202	DAIRY PRODUCTS <sup>1</sup> TOTAL--CONTINUED											
	WEST SOUTH CENTRAL . . . . .	435	198	19 435	80 253	7 910	17 528	27 354	180 922	9 541	18 930	152 252
	ARKANSAS . . . . .	66	23	1 595	6 319	793	1 716	2 786	15 653	987	1 657	13 463
	LOUISIANA . . . . .	90	36	3 114	12 882	1 338	2 771	4 605	26 956	2 511	(*)	(*)
	OKLAHOMA . . . . .	72	32	3 305	14 004	1 344	2 997	4 858	31 798	1 658	3 112	21 330
	TEXAS . . . . .	207	107	11 421	47 048	4 435	10 044	15 105	106 515	4 385	(*)	(*)
	MOUNTAIN . . . . .	406	131	10 316	44 472	5 185	10 840	20 148	100 919	6 636	8 949	70 423
	MONTANA . . . . .	71	14	871	3 444	495	996	1 792	8 313	461	975	6 586
	IDAHO . . . . .	70	24	1 597	6 400	1 098	2 350	4 101	16 961	1 019	1 872	15 514
	WYOMING . . . . .	24	8	399	1 401	234	446	697	3 011	251	393	2 046
	COLORADO . . . . .	118	36	3 007	13 346	1 246	2 705	5 168	27 775	1 398	2 075	17 460
	NEW MEXICO . . . . .	23	11	895	3 797	449	930	1 458	7 272	673	(*)	(*)
	ARIZONA . . . . .	26	13	1 309	6 867	570	1 174	2 682	17 333	1 127	1 325	10 081
	UTAH . . . . .	62	19	1 921	7 355	940	1 818	3 352	16 765	1 371	1 127	9 043
	NEVADA . . . . .	12	6	317	1 862	153	421	898	3 489	336	(*)	(*)
	PACIFIC . . . . .	685	277	28 360	150 481	12 260	24 822	60 851	325 969	19 411	26 843	234 485
	WASHINGTON . . . . .	120	59	4 810	25 130	2 140	4 416	10 989	49 474	5 524	4 609	36 608
	OREGON . . . . .	124	35	3 114	14 227	1 310	2 517	5 579	34 507	1 809	(*)	(*)
	CALIFORNIA . . . . .	441	183	20 436	111 124	8 810	17 889	44 283	241 988	12 078	(*)	(*)
203	CANNED AND FROZEN FOODS <sup>1</sup> TOTAL <sup>1</sup> . . . . .	3 693	1 908	223 323	741 856	192 697	365 924	570 617	1 895 705	100 197	199 238	1 302 685
	NEW ENGLAND . . . . .	260	122	9 805	30 159	8 377	15 984	22 772	67 035	3 165	8 537	40 457
	MAINE . . . . .	99	56	4 794	12 552	4 400	8 126	10 806	28 189	(D)	4 527	16 852
	MASSACHUSETTS . . . . .	120	52	4 227	15 014	3 304	6 588	10 025	32 519	1 241	3 410	19 872
	CONNECTICUT . . . . .	23	8	315	1 046	250	512	809	3 375	92	302	2 382
	MIDDLE ATLANTIC . . . . .	610	299	37 058	138 316	31 407	64 295	105 645	373 077	20 378	36 700	280 913
	NEW YORK . . . . .	355	163	16 096	56 980	13 907	28 328	43 915	156 049	7 946	15 934	113 711
	NEW JERSEY . . . . .	108	57	10 580	46 885	8 559	18 192	35 070	117 749	5 629	11 744	107 302
	PENNSYLVANIA . . . . .	147	79	10 382	34 451	8 941	17 775	26 660	99 279	6 803	9 021	59 899
	EAST NORTH CENTRAL . . . . .	684	353	35 715	126 827	29 953	61 000	92 945	329 866	21 140	34 733	233 975
	OHIO . . . . .	118	45	4 973	17 240	4 063	8 025	12 221	58 104	4 925	3 983	25 285
	INDIANA . . . . .	107	59	5 256	16 025	4 516	9 074	12 117	37 220	1 501	5 120	28 124
	ILLINOIS . . . . .	150	71	9 444	43 159	7 733	16 339	31 476	118 586	5 515	10 053	91 044
	MICHIGAN . . . . .	159	69	7 132	23 981	5 729	11 124	16 417	59 525	6 085	(*)	(*)
	WISCONSIN . . . . .	150	109	8 910	26 422	7 912	16 438	20 714	56 431	3 114	(*)	(*)
	WEST NORTH CENTRAL . . . . .	133	59	9 960	29 431	8 614	15 940	22 030	73 271	5 554	5 915	36 950
	MINNESOTA . . . . .	45	27	4 161	12 918	3 616	6 823	9 578	37 013	2 630	(*)	(*)
	IOWA . . . . .	29	10	1 808	5 357	1 557	2 924	3 930	12 744	(D)	1 618	6 841
	MISSOURI . . . . .	37	16	2 222	5 722	2 034	3 772	4 759	12 245	446	(*)	(*)
	SOUTH ATLANTIC . . . . .	692	362	39 214	99 617	33 897	61 415	74 932	244 826	12 916	(*)	(*)
	DELAWARE . . . . .	34	30	2 231	5 067	2 014	3 348	4 183	9 567	1 009	2 143	7 894
	MARYLAND . . . . .	195	109	9 687	22 821	8 587	15 132	18 106	45 812	2 115	9 953	29 259
	VIRGINIA . . . . .	165	79	6 716	14 585	5 956	10 323	11 306	34 900	1 771	5 429	20 996
	NORTH CAROLINA . . . . .	45	17	1 289	3 385	1 118	2 106	2 538	7 268	509	924	3 476
	GEORGIA . . . . .	51	29	5 072	10 422	4 372	6 800	7 425	24 623	852	4 037	14 688
	FLORIDA . . . . .	163	83	12 732	39 372	10 611	21 601	28 732	114 659	6 270	11 277	75 130
	EAST SOUTH CENTRAL . . . . .	91	52	4 989	13 735	4 199	7 436	9 569	38 419	1 637	(*)	(*)
	TENNESSEE . . . . .	37	19	2 167	5 211	1 880	3 334	3 953	14 220	666	1 733	8 511
	ALABAMA . . . . .	13	9	848	2 165	717	1 275	1 530	6 585	231	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	268	151	14 266	35 660	12 236	21 944	26 460	72 676	3 551	(*)	(*)
	ARKANSAS . . . . .	36	22	3 078	6 767	2 825	4 825	5 717	10 611	487	(*)	(*)
	LOUISIANA . . . . .	91	50	3 677	9 280	2 879	4 844	5 784	16 377	771	4 978	15 323
	OKLAHOMA . . . . .	20	11	951	1 743	808	1 077	1 374	4 658	453	845	2 568
	TEXAS . . . . .	121	68	6 560	17 870	5 724	11 198	13 585	41 030	1 840	4 562	17 425
	MOUNTAIN . . . . .	107	49	5 448	15 622	4 864	9 089	12 676	35 635	4 495	(*)	(*)
	COLORADO . . . . .	34	14	1 161	3 227	987	1 856	2 439	6 483	357	999	4 135
	ARIZONA . . . . .	11	3	227	803	193	389	674	527	179	150	794
	PACIFIC . . . . .	848	461	66 868	252 489	59 150	108 821	203 588	660 900	27 361	(*)	(*)
	WASHINGTON . . . . .	187	96	7 773	28 152	6 856	13 198	23 086	76 672	2 574	8 269	58 823
	OREGON . . . . .	113	61	7 889	26 258	7 148	13 649	21 896	63 719	3 693	(*)	(*)
	CALIFORNIA . . . . .	548	304	51 206	198 079	45 146	81 974	158 606	520 509	21 094	42 788	374 361

See footnotes at end of table.



Table 2—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
204	GRAIN MILL PRODUCTS: TOTAL <sup>1</sup> . . . . .	3 484	1 097	118 984	575 775	83 863	178 010	375 060	1 855 693	112 597	123 509	1 393 751
	NEW ENGLAND . . . . .	76	30	2 031	9 342	1 520	3 253	6 283	33 099	1 253	2 329	29 929
	MAINE . . . . .	21	5	314	1 418	248	577	939	7 428	359	(*)	(*)
	NEW HAMPSHIRE . . . . .	5	3	118	517	83	185	302	1 061	165	126	1 306
	VERMONT . . . . .	9	6	811	3 895	630	1 346	2 837	13 422	321	695	11 592
	MASSACHUSETTS . . . . .	27	11	547	2 522	405	878	1 690	9 154	294	860	9 480
	CONNECTICUT . . . . .	7	3	136	504	94	141	305	823	27	190	1 911
	MIDDLE ATLANTIC . . . . .	368	114	12 162	61 393	8 822	18 382	41 536	192 525	8 804	12 943	145 438
	NEW YORK . . . . .	140	60	8 274	44 270	6 086	12 719	30 784	133 459	5 420	9 258	113 254
	NEW JERSEY . . . . .	38	17	874	4 248	607	1 229	2 639	13 971	287	(*)	(*)
	PENNSYLVANIA . . . . .	190	37	3 014	12 875	2 129	4 434	8 113	45 095	3 097	(*)	(*)
	EAST NORTH CENTRAL . . . . .	540	168	33 761	185 907	24 339	51 201	124 859	620 503	35 545	34 875	472 379
	OHIO . . . . .	142	39	4 857	24 943	3 695	7 823	17 963	91 396	4 528	5 429	61 503
	INDIANA . . . . .	96	33	4 907	27 667	3 151	6 956	16 521	76 202	5 381	(*)	(*)
	ILLINOIS . . . . .	144	59	14 739	81 884	10 547	22 209	54 416	275 701	15 545	15 470	226 263
	MICHIGAN . . . . .	83	23	7 627	43 601	5 858	11 769	30 996	156 889	5 970	(*)	(*)
	WISCONSIN . . . . .	75	14	1 631	7 812	1 088	2 444	4 963	20 315	756	1 384	13 194
	WEST NORTH CENTRAL . . . . .	655	226	26 024	129 112	18 125	39 596	86 036	412 197	27 341	27 566	317 604
	MINNESOTA . . . . .	112	38	3 734	19 697	2 620	5 673	12 621	54 577	4 528	5 128	51 390
	IOWA . . . . .	159	56	8 539	43 600	5 470	12 128	26 891	144 828	9 325	7 800	93 000
	MISSOURI . . . . .	114	43	6 431	31 041	4 597	9 442	22 205	106 624	5 335	6 600	81 000
	NEBRASKA . . . . .	129	34	3 190	15 167	2 398	5 632	10 533	42 362	3 611	3 394	40 774
	KANSAS . . . . .	113	47	3 611	17 135	2 685	5 934	12 279	56 153	3 805	3 904	44 365
	SOUTH . . . . .	1 316	392	31 211	119 360	21 494	45 383	71 420	376 699	26 520	31 000	251 550
	DELAWARE . . . . .	17	7	626	2 895	383	864	1 728	14 092	839	797	10 836
	MARYLAND . . . . .	40	13	979	4 440	597	1 277	2 333	19 483	860	1 073	11 897
	WEST VIRGINIA . . . . .	11	4	185	666	122	239	433	1 279	18	(*)	(*)
	SOUTH CAROLINA . . . . .	47	10	699	2 421	491	1 004	1 337	5 603	279	773	4 564
	GEORGIA . . . . .	135	27	2 177	7 669	1 544	3 076	4 564	32 428	1 794	1 977	13 146
	FLORIDA . . . . .	56	24	1 566	5 937	1 039	2 375	3 348	11 720	1 261	870	4 140
	KENTUCKY . . . . .	65	18	1 497	5 534	1 125	2 445	3 754	16 345	872	1 647	14 077
	TENNESSEE . . . . .	129	37	3 151	12 849	2 131	4 401	7 467	38 090	2 435	3 458	31 793
	ALABAMA . . . . .	74	14	2 005	7 957	1 415	3 122	5 012	22 274	3 195	1 467	12 680
	ARKANSAS . . . . .	52	19	1 431	4 791	996	2 076	2 714	17 849	901	1 576	13 053
	OKLAHOMA . . . . .	55	27	1 671	7 694	1 118	2 470	4 686	20 201	2 108	1 876	18 167
	MOUNTAIN . . . . .	173	55	3 557	15 325	2 526	5 607	10 368	45 884	3 434	3 794	35 473
	MONTANA . . . . .	13	7	371	1 604	282	604	1 249	3 873	245	388	5 168
	IDAHO . . . . .	24	12	486	2 064	372	879	1 523	5 356	666	615	5 314
	NEW MEXICO . . . . .	20	5	283	956	179	315	461	2 345	589	293	2 102
	ARIZONA . . . . .	17	7	443	1 829	266	592	1 007	3 708	339	547	3 383
	UTAH . . . . .	36	10	858	3 915	602	1 268	2 609	17 929	755	744	9 994
	PACIFIC . . . . .	356	112	10 238	55 336	7 037	14 588	34 558	174 786	9 700	10 987	141 337
	WASHINGTON . . . . .	53	14	1 921	10 173	1 431	2 995	7 283	27 733	958	2 019	24 629
	OREGON . . . . .	53	19	1 286	6 561	930	1 930	4 270	17 409	714	1 581	13 303
	CALIFORNIA . . . . .	250	79	7 031	38 602	4 676	9 663	23 005	129 644	8 028	7 390	103 500
205	BAKERY PRODUCTS: TOTAL . . . . .	6 319	2 352	301 296	1 333 630	179 600	358 791	695 080	2 634 310	114 742	(*)	(*)
	NORTHEAST . . . . .	2 276	703	98 013	434 901	60 621	120 305	243 294	823 474	33 805	(*)	(*)
	MAINE . . . . .	42	16	2 032	8 017	1 347	2 712	4 505	16 986	763	(*)	(*)
	NEW HAMPSHIRE . . . . .	23	7	647	2 537	300	598	999	4 248	215	(*)	(*)
	VERMONT . . . . .	17	5	398	1 662	254	484	837	3 383	74	(*)	(*)
	NORTH CENTRAL . . . . .	1 864	725	94 115	420 452	55 159	110 909	218 648	822 983	32 499	(*)	(*)
	SOUTH . . . . .	1 323	608	71 158	281 876	41 234	85 140	135 242	590 884	31 394	(*)	(*)
	DELAWARE . . . . .	10	4	289	1 600	201	400	812	3 673	85	(*)	(*)
	DISTRICT OF COLUMBIA . . . . .	22	12	1 663	8 158	963	1 914	4 136	16 932	1 099	(*)	(*)
	WEST VIRGINIA . . . . .	63	33	2 846	12 066	1 463	3 196	5 057	22 231	1 651	(*)	(*)
	SOUTH CAROLINA . . . . .	26	11	1 742	6 221	961	2 131	2 650	13 271	994	(*)	(*)
	WEST . . . . .	856	316	38 010	196 401	22 586	42 437	97 896	396 969	17 044	(*)	(*)
	MONTANA . . . . .	35	13	701	2 768	408	838	1 453	5 771	242	739	4 594
	IDAHO . . . . .	23	9	530	2 048	306	637	1 111	3 989	171	473	2 781
	WYOMING . . . . .	22	2	226	708	156	294	408	1 282	70	249	1 143
	NEW MEXICO . . . . .	30	11	844	3 199	483	1 007	1 539	7 289	382	545	2 989
	NEVADA . . . . .	12	3	216	927	147	264	521	1 681	81	156	1 163

See footnotes at end of table.

Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
206	SUGAR, TOTAL . . . . .	144	135	28 548	142 567	23 424	52 112	112 089	337 058	34 114	30 166	250 759
	NORTHEAST . . . . .	10	9	7 101	41 842	5 337	10 997	30 445	80 880	8 616	7 788	60 243
	NEW YORK . . . . .	6	5	3 636	22 121	2 641	5 631	15 430	39 184	5 175	3 815	29 519
	NORTH CENTRAL . . . . .	26	25	2 788	14 208	2 313	5 887	11 210	31 865	3 228	(*)	(*)
	SOUTH . . . . .	60	54	9 449	41 401	7 696	17 437	32 768	101 525	11 360	(*)	(*)
	LOUISIANA . . . . .	52	48	6 247	25 069	5 296	11 813	20 297	57 370	4 953	6 138	43 814
	WEST . . . . .	48	47	9 210	45 116	8 078	17 791	37 666	122 786	10 910	(*)	(*)
	MONTANA . . . . .	4	4	594	3 220	509	1 356	2 597	8 193	499	632	6 376
	UTAH . . . . .	5	5	565	2 166	511	927	1 768	5 959	122	575	2 684
	CALIFORNIA . . . . .	13	12	4 192	20 247	3 670	6 990	16 686	49 845	7 670	(*)	(*)
207	CANDY AND RELATED PRODUCTS, TOTAL . .	1 444	461	80 010	299 030	64 507	125 177	209 647	749 066	32 080	80 425	596 211
	NEW ENGLAND . . . . .	104	38	8 008	30 330	6 541	12 669	21 852	64 533	2 729	8 199	41 304
	MASSACHUSETTS . . . . .	75	32	7 049	26 795	5 720	11 086	19 178	51 606	2 440	7 346	33 805
	MIDDLE ATLANTIC . . . . .	449	151	29 952	115 765	24 348	47 212	82 352	311 879	13 890	30 414	244 749
	NEW YORK . . . . .	177	64	13 560	53 999	10 591	20 525	36 737	152 837	4 709	13 752	118 861
	NEW JERSEY . . . . .	68	21	3 504	14 480	2 837	5 573	9 914	33 489	5 301	3 098	25 895
	PENNSYLVANIA . . . . .	204	66	12 888	47 286	10 920	21 114	35 701	125 553	3 880	13 564	99 993
	EAST NORTH CENTRAL . . . . .	310	101	20 344	84 252	16 288	32 418	57 948	219 476	9 022	21 457	190 145
	OHIO . . . . .	101	17	1 843	6 380	1 488	2 858	4 654	11 240	456	1 917	8 923
	INDIANA . . . . .	15	7	775	3 133	647	1 290	2 244	6 437	211	836	5 502
	ILLINOIS . . . . .	127	62	15 724	67 132	12 583	25 189	45 926	186 470	7 216	16 413	162 392
	MICHIGAN . . . . .	37	2	562	2 127	459	875	1 663	3 164	108	846	3 513
	WISCONSIN . . . . .	30	13	1 440	5 480	1 111	2 206	3 461	12 165	1 031	1 444	9 813
	WEST NORTH CENTRAL . . . . .	70	28	3 710	12 599	2 957	5 932	8 684	25 559	1 175	3 069	17 191
	MINNESOTA . . . . .	20	10	981	3 416	841	1 649	2 483	8 103	452	1 035	5 863
	MISSOURI . . . . .	22	9	1 214	4 071	820	1 691	2 547	6 929	357	1 103	5 911
	SOUTH . . . . .	286	78	10 725	30 224	8 983	17 071	21 872	72 169	3 055	10 360	59 273
	MARYLAND . . . . .	26	11	629	1 711	521	958	1 221	4 470	86	703	2 679
	VIRGINIA . . . . .	20	10	2 388	6 507	2 206	4 222	5 496	21 790	720	2 208	16 835
	NORTH CAROLINA . . . . .	12	3	260	629	211	412	439	1 277	37	490	6 000
	GEORGIA . . . . .	34	14	2 571	7 644	2 069	4 038	5 080	16 656	776	2 387	11 837
	FLORIDA . . . . .	26	4	307	792	259	468	597	1 419	33	256	867
	KENTUCKY . . . . .	14	3	504	1 248	379	686	750	1 663	115	542	1 754
	TENNESSEE . . . . .	22	4	968	3 032	768	1 514	2 075	6 143	251	930	5 232
	ALABAMA . . . . .	17	6	482	1 052	420	771	906	1 867	37	355	1 499
	LOUISIANA . . . . .	13	4	368	1 060	304	527	676	2 155	47	355	1 629
	TEXAS . . . . .	66	16	1 687	5 121	1 403	2 598	3 595	12 045	561	1 469	8 726
	WEST . . . . .	225	65	7 271	25 860	5 390	9 875	16 939	55 450	2 209	6 923	43 547
	COLORADO . . . . .	13	3	492	1 306	375	722	1 010	1 897	106	477	1 665
	UTAH . . . . .	20	5	496	1 639	371	730	994	2 616	146	526	2 627
	OREGON . . . . .	13	4	277	745	248	413	628	1 948	58	(*)	(*)
	CALIFORNIA . . . . .	142	46	5 197	19 434	3 744	6 902	12 497	43 451	1 558	4 945	33 605
208	BEVERAGES, TOTAL . . . . .	5 558	1 928	206 197	1 041 366	115 114	225 706	534 620	2 835 661	150 915	213 388	2 456 873
	NEW ENGLAND . . . . .	377	95	8 289	37 663	4 459	8 683	17 471	97 030	5 562	8 171	63 155
	MAINE . . . . .	49	10	516	1 836	256	517	768	4 051	228	475	2 900
	NEW HAMPSHIRE . . . . .	23	6	404	1 606	219	488	777	3 187	(D)	(*)	(*)
	VERMONT . . . . .	15	1	134	439	62	126	185	984	(D)	(*)	(*)
	MASSACHUSETTS . . . . .	173	49	4 273	20 250	2 087	4 079	8 163	40 952	2 491	4 418	35 101
	RHODE ISLAND . . . . .	38	7	1 265	6 192	895	1 650	4 076	14 427	1 093	1 310	12 230
	CONNECTICUT . . . . .	79	22	1 697	7 340	940	1 823	3 502	33 429	1 447	1 434	10 090
	MIDDLE ATLANTIC . . . . .	993	309	46 751	266 836	26 817	49 960	138 882	666 743	28 076	49 594	593 192
	PENNSYLVANIA . . . . .	359	112	13 673	69 091	8 078	16 075	36 040	181 365	8 183	14 422	151 133
	EAST NORTH CENTRAL . . . . .	1 034	368	47 853	260 450	28 388	56 042	141 993	676 307	30 179	53 392	658 511
	OHIO . . . . .	237	102	10 753	54 508	5 578	11 136	25 610	122 469	6 268	10 827	120 180
	INDIANA . . . . .	141	54	6 245	30 755	3 926	8 098	17 855	92 201	4 280	7 675	82 968
	ILLINOIS . . . . .	295	102	11 464	63 278	6 799	13 234	32 840	187 915	6 932	13 006	173 699
	MICHIGAN . . . . .	152	54	6 561	37 716	3 709	7 439	19 921	80 975	5 493	7 724	84 086
	WISCONSIN . . . . .	209	56	12 830	74 193	8 376	16 135	45 767	192 747	7 206	14 200	197 600
	WEST NORTH CENTRAL . . . . .	509	153	17 872	97 388	11 320	22 594	59 625	265 351	14 537	18 956	233 200
	MINNESOTA . . . . .	106	43	4 944	27 696	3 155	5 952	16 497	73 415	3 444	4 737	57 600
	IOWA . . . . .	89	22	1 639	7 184	779	1 610	2 780	15 004	1 456	1 500	9 000
	MISSOURI . . . . .	153	52	8 417	50 294	5 826	11 745	34 209	146 600	8 199	9 713	141 160
	NORTH DAKOTA . . . . .	17	6	244	874	110	228	327	1 842	310	220	1 189
	SOUTH DAKOTA . . . . .	20	5	270	965	146	293	409	1 991	183	269	1 618
	NEBRASKA . . . . .	57	10	1 341	6 356	803	1 695	3 608	16 545	458	1 400	14 300
	KANSAS . . . . .	67	15	1 017	4 019	501	1 071	1 795	9 954	467	1 107	8 272
	SOUTH ATLANTIC . . . . .	824	362	25 842	103 648	11 333	23 388	37 365	272 476	23 838	24 971	208 297
	DELAWARE . . . . .	13	3	254	1 206	106	214	348	2 350	120	(*)	(*)
	MARYLAND . . . . .	76	43	5 890	29 534	3 234	6 457	13 860	88 066	2 221	5 815	67 132
	DISTRICT OF COLUMBIA . . . . .	8	4	347	1 835	120	290	385	3 636	325	(*)	(*)
	VIRGINIA . . . . .	107	58	3 268	12 692	1 322	3 005	3 780	29 326	2 769	3 626	22 153
	WEST VIRGINIA . . . . .	74	20	1 310	4 802	557	1 119	1 576	9 611	1 431	1 247	6 817
	NORTH CAROLINA . . . . .	147	85	4 382	16 348	1 717	3 605	4 875	34 886	1 852	3 900	25 400

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)
208	BEVERAGES--CONTINUED											
	SOUTH CAROLINA . . . . .	89	37	2 185	6 799	915	1 814	2 338	16 507	1 047	1 970	12 320
	GEORGIA . . . . .	151	54	4 255	15 042	1 690	3 481	4 758	53 810	11 413	3 882	45 724
	FLORIDA . . . . .	159	58	3 951	15 390	1 672	3 403	5 445	34 284	2 660	3 600	22 800
	EAST SOUTH CENTRAL . . . . .	451	197	19 024	78 715	11 544	23 052	45 375	270 848	11 994	18 995	232 884
	KENTUCKY . . . . .	135	76	11 629	55 159	8 601	16 996	37 851	217 390	8 214	(*)	(*)
	TENNESSEE . . . . .	114	49	3 069	10 749	1 215	2 535	3 291	24 396	1 731	2 959	18 801
	WEST SOUTH CENTRAL . . . . .	586	201	16 667	66 173	7 781	15 610	27 763	178 841	10 108	16 248	148 757
	ARKANSAS . . . . .	84	24	1 549	4 958	683	1 281	1 650	10 831	687	1 514	9 351
	LOUISIANA . . . . .	89	47	4 660	19 346	2 470	4 809	10 187	56 280	1 737	4 781	52 197
	OKLAHOMA . . . . .	89	18	1 332	4 757	600	1 173	1 669	9 815	456	1 415	9 067
	TEXAS . . . . .	324	112	9 126	37 112	4 028	8 347	14 257	101 915	7 228	8 545	78 232
	MOUNTAIN . . . . .	231	61	4 477	20 894	2 262	4 570	9 156	56 160	4 937	4 004	42 492
	MONTANA . . . . .	36	5	546	2 145	362	678	1 391	6 654	411	467	5 423
	IDAHO . . . . .	22	6	310	1 355	143	286	549	3 155	156	323	1 999
	WYOMING . . . . .	14	1	150	509	70	122	196	1 011	67	128	949
	COLORADO . . . . .	55	17	1 619	8 876	699	1 525	3 474	27 735	2 953	1 466	17 617
	NEW MEXICO . . . . .	32	11	518	1 958	252	468	752	3 870	282	425	2 827
	ARIZONA . . . . .	35	11	705	3 440	368	797	1 564	7 890	691	664	9 926
	UTAH . . . . .	28	8	510	2 042	298	562	997	4 697	207	405	3 042
	NEVADA . . . . .	9	2	119	569	70	132	233	1 148	170	132	805
	PACIFIC . . . . .	553	182	19 422	109 599	11 210	21 807	56 990	351 905	21 684	19 051	276 376
	WASHINGTON . . . . .	72	25	2 688	16 065	1 579	3 101	8 801	47 825	2 668	2 610	35 110
	OREGON . . . . .	52	8	783	3 859	384	687	1 657	9 302	813	780	7 100
	CALIFORNIA . . . . .	429	149	15 951	89 675	9 247	18 019	46 532	294 778	18 203	15 673	234 265
209	OTHER FOOD PREPARATIONS, TOTAL <sup>1</sup> . . . . .	5 570	1 497	135 140	607 410	92 993	192 718	362 878	1 859 053	114 272	(*)	(*)
	NEW ENGLAND . . . . .	253	77	5 547	22 722	3 872	7 723	13 763	59 736	3 156	(*)	(*)
	MAINE . . . . .	25	8	574	1 859	403	809	1 216	3 645	637	(*)	(*)
	NEW HAMPSHIRE . . . . .	10	3	216	621	189	363	506	1 155	122	(*)	(*)
	VERMONT . . . . .	10	3	164	676	117	222	382	3 124	65	(*)	(*)
	MASSACHUSETTS . . . . .	154	49	3 505	15 184	2 361	4 702	8 732	40 674	1 867	(*)	(*)
	RHODE ISLAND . . . . .	24	6	466	1 704	345	709	1 126	2 914	220	(*)	(*)
	CONNECTICUT . . . . .	30	8	622	2 678	457	918	1 801	8 224	245	(*)	(*)
	MIDDLE ATLANTIC . . . . .	892	237	27 378	131 668	19 770	39 896	83 605	432 147	22 481	(*)	(*)
	PENNSYLVANIA . . . . .	304	58	5 662	23 710	3 959	7 879	13 421	55 648	4 201	(*)	(*)
	EAST NORTH CENTRAL . . . . .	889	278	29 624	147 824	20 279	42 342	88 767	477 944	26 980	(*)	(*)
	OHIO . . . . .	229	67	6 843	33 224	4 538	9 512	19 438	88 091	5 517	(*)	(*)
	INDIANA . . . . .	115	30	3 821	18 487	2 838	5 953	12 361	61 770	6 722	(*)	(*)
	ILLINOIS . . . . .	329	128	14 368	74 796	9 763	20 400	44 536	276 641	11 986	(*)	(*)
	MICHIGAN . . . . .	143	36	3 173	15 152	2 029	4 148	8 135	32 039	1 851	(*)	(*)
	WISCONSIN . . . . .	73	17	1 419	6 165	1 111	2 329	4 297	19 403	904	(*)	(*)
	WEST NORTH CENTRAL . . . . .	467	138	11 284	52 812	7 460	16 129	30 127	151 290	11 464	(*)	(*)
	MINNESOTA . . . . .	75	27	2 581	13 165	1 945	4 103	8 780	37 429	2 276	(*)	(*)
	IOWA . . . . .	104	33	2 178	10 439	1 462	3 346	6 417	33 240	4 824	(*)	(*)
	MISSOURI . . . . .	141	47	4 074	19 580	2 302	5 012	9 088	49 352	2 099	(*)	(*)
	SOUTH DAKOTA . . . . .	14	1	113	453	89	191	347	1 248	48	(*)	(*)
	NEBRASKA . . . . .	52	13	1 176	4 806	812	1 663	2 618	18 720	731	(*)	(*)
	KANSAS . . . . .	78	17	1 125	4 226	820	1 724	2 751	10 847	1 460	(*)	(*)
	SOUTH ATLANTIC . . . . .	833	206	15 226	56 668	10 096	20 623	30 592	162 727	12 549	(*)	(*)
	DELAWARE . . . . .	12	3	313	946	292	572	841	3 639	143	(*)	(*)
	MARYLAND . . . . .	83	26	1 818	9 689	1 107	2 342	3 974	25 760	1 854	(*)	(*)
	DISTRICT OF COLUMBIA . . . . .	16	8	572	2 452	264	560	982	5 769	473	(*)	(*)
	VIRGINIA . . . . .	95	30	2 257	8 467	1 475	3 038	4 619	28 549	1 057	(*)	(*)
	WEST VIRGINIA . . . . .	23	2	169	521	98	182	283	1 167	35	(*)	(*)
	NORTH CAROLINA . . . . .	158	41	2 457	7 385	1 762	3 364	4 508	18 506	1 933	(*)	(*)
	SOUTH CAROLINA . . . . .	85	16	827	2 449	609	1 297	1 534	6 660	411	(*)	(*)
	GEORGIA . . . . .	170	54	4 376	15 846	2 852	5 790	8 398	39 231	4 736	(*)	(*)
	FLORIDA . . . . .	191	26	2 437	8 913	1 637	3 478	5 453	33 446	1 907	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	451	111	9 352	36 509	6 323	13 478	20 659	93 820	6 557	(*)	(*)
	KENTUCKY . . . . .	78	12	1 732	7 477	1 155	2 449	4 189	20 921	843	(*)	(*)
	TENNESSEE . . . . .	133	39	3 913	16 871	2 558	5 677	9 686	45 608	3 106	(*)	(*)
	ALABAMA . . . . .	125	27	1 856	6 624	1 197	2 454	3 217	15 231	1 420	(*)	(*)
	MISSISSIPPI . . . . .	115	33	1 851	5 537	1 413	2 898	3 567	12 060	1 188	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	908	231	17 602	64 949	12 477	27 152	40 733	210 684	14 179	(*)	(*)
	ARKANSAS . . . . .	109	25	1 620	5 538	1 129	2 562	3 513	10 743	674	(*)	(*)
	LOUISIANA . . . . .	170	47	3 507	13 046	2 314	4 806	7 173	46 207	2 041	(*)	(*)
	OKLAHOMA . . . . .	112	16	1 444	4 913	960	2 096	3 089	12 571	736	(*)	(*)
	TEXAS . . . . .	517	143	11 031	41 452	8 074	17 688	26 958	141 163	10 728	(*)	(*)
	MOUNTAIN . . . . .	222	51	3 371	13 195	2 399	4 828	8 055	30 555	2 052	(*)	(*)
	IDAHO . . . . .	19	5	266	1 041	189	331	613	2 280	271	(*)	(*)
	COLORADO . . . . .	65	12	1 025	3 939	727	1 434	2 376	9 093	729	(*)	(*)
	NEW MEXICO . . . . .	29	9	421	1 333	342	716	937	3 421	125	(*)	(*)
	ARIZONA . . . . .	54	16	990	4 245	652	1 420	2 526	9 352	644	(*)	(*)
	UTAH . . . . .	30	9	504	1 956	359	662	1 114	4 890	174	(*)	(*)
	PACIFIC . . . . .	655	168	15 756	81 063	10 317	20 547	46 577	240 914	14 854	(*)	(*)
	WASHINGTON . . . . .	68	17	1 186	5 086	781	1 436	3 130	13 140	531	(*)	(*)
	OREGON . . . . .	38	6	600	2 779	379	671	1 364	8 255	343	(*)	(*)
	CALIFORNIA . . . . .	549	145	13 970	73 198	9 157	18 440	42 083	219 519	13 980	(*)	(*)

Note: Due to a change in the Standard Industrial Classification system between the two census years the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Food and kindred products (SIC 20)	Meat products (SIC 201)	Dairy foods (SIC 202)	Canning and frozen foods (SIC 203)	Grain mill products (SIC 204)	Bakery products (SIC 205)	Sugar (SIC 206)	Candy and related products (SIC 207)	Beverages (SIC 208)	Other food prepara- tions (SIC 209)
Number of establishments, total.....	41,619	5,528	9,879	3,693	3,484	6,319	144	1,444	5,558	5,570
With 1-19 employees.....	26,859	3,461	6,564	1,785	2,387	3,967	9	983	3,630	4,073
With 20-99 employees.....	10,996	1,430	2,664	1,337	855	1,556	52	302	1,578	1,222
With 100 employees or more.....	5,764	637	651	571	242	796	83	159	350	275
Proprietors and working partners.....Number..	27,272	4,334	6,371	1,890	2,115	5,379	20	991	2,979	3,193
All employees:										
Number (average for the year).....	1,699,058	311,758	293,802	223,323	118,984	301,296	28,548	80,010	206,197	135,140
Payroll.....\$1,000..	7,553,284	1,465,624	1,346,026	741,856	575,775	1,333,630	142,567	299,030	1,041,366	607,410
Production workers:										
Number (average for the year).....	1,137,621	243,389	142,034	192,697	83,863	179,600	23,424	64,507	115,114	92,993
March.....	1,045,728	233,190	136,398	139,139	81,958	176,488	17,717	63,806	108,181	88,851
May.....	1,086,838	240,688	145,966	152,922	82,884	179,768	20,279	58,233	115,045	91,053
August.....	1,255,482	246,600	149,056	292,489	86,617	181,338	19,292	63,415	121,726	94,949
November.....	1,164,731	253,068	137,132	187,825	83,994	180,940	36,406	72,575	115,601	97,190
Man-hours.....1,000..	2,282,823	487,275	297,110	365,924	178,010	358,791	52,112	125,177	225,706	192,718
January-March.....do....	521,519	116,175	70,416	65,124	43,236	86,936	10,426	31,490	51,567	46,149
April-June.....do....	547,908	119,077	77,624	73,843	43,845	90,249	9,785	28,893	57,624	46,968
July-September.....do....	620,719	123,168	77,689	134,090	46,095	89,869	10,733	29,718	60,693	48,664
October-December.....do....	592,458	128,855	71,381	92,867	44,816	91,737	21,168	35,076	55,822	50,736
Wages.....\$1,000..	4,502,056	1,061,888	580,177	570,617	375,060	695,080	112,089	209,647	534,620	362,878
Value added by manufacture, adjusted....do....	17,532,558	2,499,233	2,866,779	1,895,705	1,855,693	2,634,310	337,058	749,066	2,835,661	1,859,053
Cost of fuels consumed.....do....	289,844	35,297	56,533	28,148	25,119	41,434	28,267	6,895	32,232	35,919
Cost of electricity purchased.....do....	222,020	33,207	51,123	18,746	30,197	19,938	1,285	7,701	21,685	38,138
Manufacturers' inventories:										
Beginning of year, total.....do....	5,310,616	551,965	368,050	1,317,016	585,695	203,511	231,139	258,909	1,048,956	745,375
Finished products.....do....	2,995,877	397,880	176,020	1,036,031	166,352	30,103	151,908	90,818	689,949	256,816
Work-in-process.....do....	324,521	37,506	14,657	63,756	27,711	4,183	10,988	17,464	83,019	65,237
Materials, supplies, fuel, etc.....do....	1,990,218	116,579	177,373	217,229	391,632	169,225	68,243	150,627	275,988	423,322
End of year, total.....do....	5,489,609	599,716	372,549	1,407,669	585,694	201,709	240,646	282,233	1,075,083	724,310
Finished products.....do....	3,148,675	444,737	175,176	1,104,201	180,425	28,763	146,823	104,551	704,669	259,330
Work-in-process.....do....	330,586	36,094	13,368	68,120	29,266	4,293	8,973	20,585	88,346	61,541
Materials, supplies, fuel, etc.....do....	2,010,349	118,884	184,005	235,348	376,003	168,653	84,850	157,097	282,070	403,439
Expenditures for plant and equipment, total.....do....	1,009,549	108,183	208,827	105,850	119,847	118,434	34,538	32,813	161,939	119,118
New, total.....do....	964,624	104,736	200,991	100,197	112,597	114,742	34,114	32,080	150,915	114,272
New structures and additions to plant.....do....	286,576	39,927	59,251	34,404	33,988	27,109	6,135	8,476	42,088	35,198
New machinery and equipment.....do....	678,048	64,809	141,740	65,793	78,609	87,633	27,979	23,604	108,827	79,074
Used plant and equipment.....do....	44,902	3,447	7,836	5,653	7,250	3,692	(D)	(D)	(D)	4,846

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies.



## Meat Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

2011--Meat Packing Plants

2013--Sausages and Other Prepared Meat Products

2015--Poultry and Small Game Dressing and Packing, Wholesale

### Meat Packing Plants (2011) and Prepared Meats (2013)

These two industries are similar in many respects and for some purposes should be viewed as one industry. Prepared meats (smoked meats, sausage, canned meats, etc.) are produced by each industry; the distinguishing characteristic of Industry 2011 is the slaughtering of livestock, and of Industry 2013 the use of purchased meat material. Nearly all of the fresh meat used as a raw material by plants in Industry 2013 is supplied by plants in Industry 2011; in addition, a considerable volume of fresh meat material is sold or transferred between plants in Industry 2011 for use in further processing.

Because of these interplant sales and transfers, aggregates of the value of shipments and cost of materials for Industry 2011 separately, or for Industries 2011 and 2013 combined, include a substantial amount of duplication.

Companies accounting for a large proportion of the output of meats and meat products (except poultry) reported shipments, production, inventories, and expenditures for plant and equipment, for the fiscal year ending November 1, 1958, rather than for the calendar year. However, comparison of total commercial slaughter figures for the two periods, as published by the Department of Agriculture, indicates that the number of animals slaughtered during the fiscal year was practically identical with calendar year production. The Census statistics may thus be taken as representative of the calendar year.

Industries 2011 and 2013 accounted in 1958 for over 99 percent of the meat and meat products produced in all manufacturing industries; this coverage ratio was also over 99 percent in 1954.

### 2011--Meat Packing Plants

This industry comprises establishments primarily engaged in the slaughtering, for their own

account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in Industry 2013; and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game in Industry 2015. For a detailed list of the primary products of Industry 2011, refer to table 6A, product codes 2011112 to 2011055.

Some slaughtering operations are conducted in establishments which are not included in the Census of Manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1954 Census of Manufactures records with those of the U. S. Department of Agriculture indicated that the Census of Manufactures included about 90 percent of the volume of commercial livestock slaughter. A similar comparison of the 1958 Census slaughter statistics with those of the U.S.D.A. indicates that coverage of commercial slaughter is about at the same level.

The specialization and coverage ratios for Industry 2011 were about 90 percent in both 1958 and 1954 indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

### 2013--Sausages and Other Prepared Meat Products

This industry comprises establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, other prepared meats, and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in Industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. For a detailed list of products



of Industry 2013 refer to table 6A, product codes 2013612 to 2013991.

This industry was unchanged as to number between 1958 and 1954 but the definition was modified slightly to exclude plants primarily producing synthetic sausage casings. The latter plants are now classified in Industry 3079, "Miscellaneous Plastics." As a result of this change, plants having between 3000 and 4000 employees were shifted from Industry 2013 to Industry 3079.

The value of shipments of Industry 2013 in 1958 totaled \$2066 million. This included shipments of primary products (prepared meats and sausage casings), valued at \$1447 million, shipments of secondary products valued at \$43 million, and miscellaneous receipts (mainly resales) of \$576 million.

Industry 2013 shipments of prepared meats and sausage casings (primary products) in 1958 represented 97 percent of its total product shipments (primary and secondary). For 1954 it was 98 percent.

1958 shipments of prepared meats, including lard, by establishments classified in Industry 2013, Prepared Meats, was 33 percent (coverage ratio) of the total shipments of these products, amounting to \$4,417 million. The coverage ratio was 28 percent in 1954. This ratio is so low for Industry 2013 because of the large volume of prepared meats shipped from meat packing plants (S.I.C. 2011). The 1958 and 1954 shipments of prepared meats by 2011 and 2013 plants combined was virtually 100 percent of the total shipments of these products by all manufacturing establishments.

A considerable volume of prepared meats are produced in manufacturers' wholesale branches that are primarily engaged in the wholesale distribution of meat, and therefore classified as wholesale establishments in the 1958 Censuses. However, supplemental reports were filed for wholesale sales branches which provided figures on the shipments of prepared meats which were produced on the premises. Table 6A contains information showing shipments of meats from all establishments including wholesale branches, as well as shipments from manufacturing plants alone. All other tables are related to manufacturing plants alone.

Prepared meats manufactured in retail and independent wholesale establishments are not included in the Census of Manufactures statistics. The volume of prepared meats manufactured in such establishments was not measured in the 1958 Census.

#### 2015--Poultry and Small Game Dressing and Packing, Wholesale

This industry comprises establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs; but not the cleaning, oil treating, packing and grading of eggs which are classified in Wholesale Trade. For a detailed list of primary products of this industry, refer to table 6A, product codes 2015111 to 2015657.

Statistics for poultry and small game killed and dressed at farms, hatcheries, frozen food lockers and wholesale and retail establishments are not included in this report.

A comparison with estimates of the United States Department of Agriculture indicates that plants included in the Census of Manufactures accounted for 72 percent of the total commercial broiler production in 1958, including production on farms.

Under the revised edition of the Standard Industrial Classification Manual in use in 1958, compared to the previous manual the content of Industry 2015 was changed somewhat. (1) Plants primarily engaged in canning poultry were transferred into Industry 2015 from Industry 2033, Canned Fruits and Vegetables. As a result, 14 establishments 1944 employees and \$10 million adjusted value added were included in this industry; (2) Plants primarily producing liquid, frozen, and dried eggs were also transferred into Industry 2015 from Industry 2099, Other Food Preparations. This change increased Industry 2015 by 79 establishments with 4490 employees and \$30 million adjusted value added.

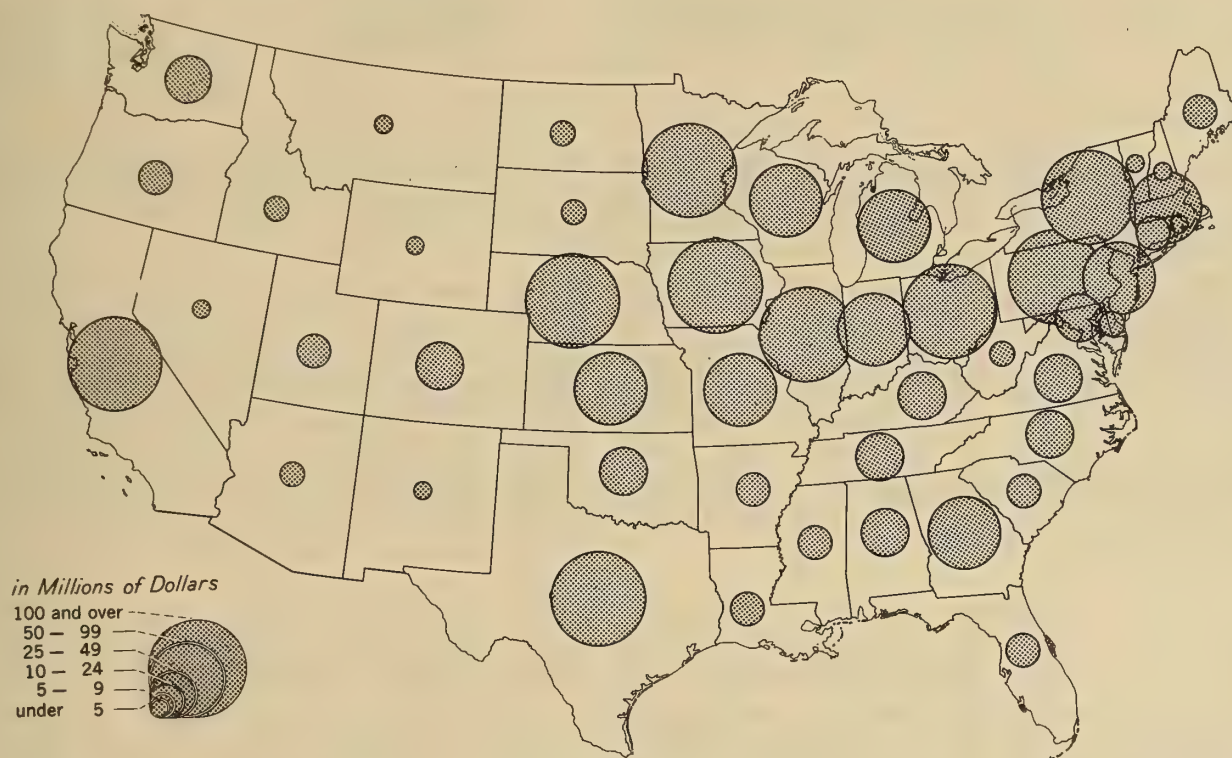
The specialization and coverage ratios for Industry 2015 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.



The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### MEAT PRODUCTS: SIC 201

Value Added by Manufacture by State: 1958



Includes Industries 2011, 2013 and 2015. See Table 2.

Bureau of the Census. M-58-D201

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2011 (old SIC 2011)	Meat packing:														
	1958.....	2,646	2,801	977	200,783	1,067,896	150,786	308,991	768,096	1,746,603	10,243,758	11,962,273	63,129	98	88
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	210,470	1,090,130	159,367	336,898	797,279	1,833,160	8,885,521	10,717,566	71,160	97	89
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	223,124	1,091,839	169,675	363,969	804,497	1,868,775	8,058,299	9,906,330	62,564	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	220,174	1,021,051	167,655	364,884	747,784	1,714,790	8,035,515	9,728,954	65,076	(NA)	(NA)
	1954.....	2,228	2,367	933	220,194	942,970	167,815	354,779	687,878	1,397,175	8,848,335	10,265,319	64,976	98	87
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	217,196	900,648	169,023	361,699	671,569	1,452,272	(NA)	(NA)	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	217,410	868,091	170,323	371,618	647,682	1,389,836	(NA)	(NA)	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	213,980	807,325	167,239	363,145	593,125	1,239,703	(NA)	(NA)	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	209,360	703,960	163,733	353,932	516,096	1,125,453	(NA)	(NA)	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	213,323	688,999	168,884	367,077	501,997	1,134,218	(NA)	(NA)	(NA)	(NA)	(NA)
	1947.....	1,999	2,154	832	208,438	623,058	167,135	375,835	468,962	977,144	7,992,732	8,969,876	67,567	(NA)	(NA)
	1939 <sup>9</sup> .....	(NA)	1,392	(NA)	(NA)	(NA)	115,046	(NA)	155,568	403,943	(NA)	(NA)	(NA)	(NA)	(NA)
	1937.....	(NA)	1,160	(NA)	152,574	222,694	127,477	(NA)	170,386	401,268	(NA)	(NA)	(NA)	(NA)	(NA)
	1935.....	(NA)	1,223	(NA)	138,717	180,299	116,620	(NA)	136,468	331,445	(NA)	(NA)	(NA)	(NA)	(NA)
	1933.....	(NA)	1,078	(NA)	132,517	144,963	113,193	(NA)	112,266	287,546	(NA)	(NA)	(NA)	(NA)	(NA)
	1929.....	(NA)	1,277	(NA)	145,854	220,601	122,505	(NA)	165,867	460,526	(NA)	(NA)	(NA)	(NA)	(NA)
	1925.....	(NA)	1,269	(NA)	144,685	221,136	120,422	(NA)	159,355	425,094	(NA)	(NA)	(NA)	(NA)	(NA)
	1921.....	(NA)	1,184	(NA)	149,338	217,923	117,042	(NA)	152,903	332,744	(NA)	(NA)	(NA)	(NA)	(NA)
	1919.....	(NA)	1,304	(NA)	196,321	269,175	160,996	(NA)	209,489	463,361	(NA)	(NA)	(NA)	(NA)	(NA)
	1909.....	(NA)	1,221	(NA)	104,801	70,123	87,813	(NA)	50,404	164,106	(NA)	(NA)	(NA)	(NA)	(NA)
	1899.....	(NA)	882	(NA)	78,585	43,494	68,386	(NA)	33,392	101,682	(NA)	(NA)	(NA)	(NA)	(NA)
2013 (old SIC 2013)	Prepared meats:														
	1958 <sup>10</sup> .....	1,430	1,494	496	48,586	236,915	36,460	74,096	161,807	442,058	1,636,222	2,066,257	17,028	97	33
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	48,213	232,599	36,046	88,213	155,123	418,215	1,150,484	1,543,793	21,607	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	48,331	221,209	35,647	87,615	146,738	384,034	1,043,145	1,411,298	16,585	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	45,936	200,689	34,101	71,826	132,280	348,259	985,491	1,331,357	14,232	(NA)	(NA)
	1954 excluding manufacturers' wholesale sales branches <sup>11</sup> .....	1,254	1,316	435	44,997	186,939	33,767	70,034	124,327	333,751	1,202,352	1,541,072	15,617	98	28
	1954 including manufacturers' wholesale sales branches <sup>11</sup> .....	1,254	1,529	(NA)	(NA)	(NA)	38,671	(NA)	(NA)	123,777,981	1,256,147	1,634,129	(NA)	(NA)	(NA)
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	47,378	196,385	36,914	77,585	136,872	360,740	(NA)	(NA)	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	50,695	196,238	38,184	82,486	134,095	358,271	(NA)	(NA)	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	50,234	180,940	38,030	82,932	124,586	327,242	(NA)	(NA)	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	46,026	148,601	34,870	76,390	102,448	294,600	(NA)	(NA)	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	41,180	128,666	30,767	66,289	91,766	259,268	(NA)	(NA)	(NA)	(NA)	(NA)
	1947.....	(NA)	1,264	511	44,485	122,902	34,491	73,899	86,656	234,758	1,365,929	1,600,687	11,565	(NA)	(NA)
	1939 <sup>9</sup> .....	(NA)	1,197	(NA)	(NA)	(NA)	17,624	(NA)	20,863	63,769	(NA)	(NA)	(NA)	(NA)	(NA)
2015 (old SIC 2015)	Poultry dressing plants:														
	1958 <sup>13</sup> (new).....	1,095	1,233	594	62,389	160,813	56,143	104,188	131,985	310,572	1,582,928	1,888,166	24,579	98	98
	1958 <sup>13</sup> (old).....	(NA)	1,131	518	55,635	142,997	49,999	93,193	117,966	266,177	1,423,399	1,685,182	22,564	95	97
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	52,423	130,461	47,262	90,677	107,818	272,332	1,233,109	1,511,164	15,465	96	97
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	52,489	126,095	47,383	89,816	105,026	272,679	1,232,095	1,484,806	12,580	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	48,156	(NA)	(NA)	(NA)	(NA)	221,871	1,183,935	1,401,280	(S)	(NA)	(NA)
	1954.....	1,189	1,309	493	46,173	104,706	41,551	79,530	86,459	207,380	1,120,729	1,332,173	10,768	96	97
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,037	75,158	30,395	56,229	61,265	161,905	715,043	876,948	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,423	73,819	30,630	60,255	59,613	142,023	668,531	810,554	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	32,796	67,655	28,930	55,402	53,734	121,229	702,579	823,808	(NA)	(NA)	(NA)
	1947.....	330	553	309	21,570	36,222	19,076	38,835	29,085	67,840	411,153	478,993	5,904	88	88
	1939 <sup>9</sup> .....	(NA)	752	(NA)	(NA)	(NA)	13,954	(NA)	8,162	22,089	112,672	134,761	(NA)	(NA)	(NA)
	1937.....	(NA)	533	(NA)	10,149	7,884	8,913	(NA)	5,931	18,384	87,457	105,841	(NA)	(NA)	(NA)
	1935.....	(NA)	562	(NA)	9,476	7,132	8,078	(NA)	5,068	16,302	76,642	92,944	(NA)	(NA)	(NA)
	1933.....	(NA)	437	(NA)	8,665	6,376	7,471	(NA)	4,862	14,304	51,853	66,157	(NA)	(NA)	(NA)
	1929 <sup>14</sup> .....	(NA)	485	(NA)	9,154	9,869	7,769	(NA)	7,285	23,295	106,866	130,161	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; (however for Industry 2015, Poultry Dressing in 1954 they represent the average of all employees for the twelve monthly figures) for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; (however for 1954 for Industry 2015, Poultry Dressing they were calculated by subtracting from the "all employees" figure, the average of the nonproduction employees for March, May, August, and November) and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued on next page.



# MEAT PRODUCTS

20A-5

Footnotes for Table 1—20A

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000)
2011	1,394,486
2013	330,312
2015	206,175

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc. (\$1,000)	
	1958	1954
2011	9,883,028	8,511,201
2013	1,437,575	1,085,069
2015	1,514,237	1,051,718

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of shipments (\$1,000)	
	1958	1954
2011	11,560,083	9,905,687
2013	1,843,009	1,415,382
2015	1,809,468	1,257,892

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 comparable with earlier years was \$423.2 million for Industry 2011, Meat Packing and \$23.6 million for Industry 2015, Poultry Dressing Plants. No comparable figures are available for Industry 2013, Prepared Meats.

<sup>10</sup>Includes plants primarily making sausage casings. Prior to 1958 these plants were classified in Industry 2014, Sausage Casings, but combined with 2013 for publication. A revision in the Standard Industrial Classification system transferred plants primarily making synthetic sausage casings to Industry 3079, Miscellaneous Plastics Products. See text. Figures for 1958 are thus not completely comparable to those for earlier years.

<sup>11</sup>For 1953 and prior years, separate manufacturers' reports were submitted covering the manufacture of prepared meats at manufacturers' wholesale sales branches, which were classified as manufacturing establishments in Industry 2013, Prepared Meats. For 1954 and subsequent years these establishments have been classified in wholesale trade industries. In 1954, however, supplementary reports were submitted for manufacturers' wholesale sales branches on the number of production workers engaged in manufacturing prepared meats, cost of materials consumed in the manufacture of prepared meats, and shipments of prepared meats manufactured on the premises. In 1958 supplementary reports were also submitted but the information was confined to the shipments of prepared meats manufactured on premises.

<sup>12</sup>Unadjusted value added.

<sup>13</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>14</sup>Comparable figures not available for years prior to 1929. Industry 2015, Poultry Dressing, was not canvassed in 1927. Figures for 1925 and earlier years are not sufficiently comparable to be shown in this table.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2015—Poultry dressing.....	1,233	594	62,389	310,572	xxx	xxx	xxx	xxx
Old Industry 2015—Poultry dressing plants.....	1,131	518	55,635	266,177	r1,131	r518	r55,635	r266,177
Old Industry 2033—Canned fruits and vegetables.....	14	8	1,944	9,869	xxx	xxx	xxx	xxx
Old Industry 2099—Miscellaneous food preparations, nec.....	79	66	4,490	30,293	xxx	xxx	xxx	xxx
All other industries <sup>1</sup> .....	9	2	320	4,233	xxx	xxx	xxx	xxx

<sup>1</sup>Revised.

<sup>2</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not corrected because they were not statistically significant.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted	Value of shipments	Capital expend- itures, new	All em- ployees, number	Value added by manufac- ture, unadjusted	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2011	Meat packing, total.	2,801	977	200,783	1,067,896	150,786	308,991	768,096	1,746,603	11,962,273	63,129	220,194	1,394,486	208,438
	New England.....	71	18	2,221	11,040	1,623	3,210	7,670	20,196	121,398	706	2,799	17,908	4,122
	Massachusetts.....	22	6	1,040	5,460	738	1,520	3,861	10,091	62,808	(2)	1,592	11,776	2,961
	Connecticut.....	13	4	708	3,711	500	991	2,477	4,895	38,143	(2)	763	3,556	591
	Middle Atlantic...	390	122	17,469	93,675	12,824	26,895	64,103	165,910	1,127,864	7,544	19,892	124,969	19,088
	New York.....	126	36	5,942	33,610	4,496	9,910	23,448	59,343	334,634	3,158	6,590	46,186	7,211
	New Jersey.....	46	19	2,716	15,889	2,058	4,267	11,331	33,234	349,917	990	3,611	25,396	2,729
	Pennsylvania.....	218	67	8,811	44,176	6,270	12,718	29,324	73,333	443,313	3,396	9,691	53,387	9,148
	East North Central	675	231	48,210	267,067	36,152	75,083	192,237	406,497	2,825,201	15,716	59,066	378,269	58,451
	Ohio.....	212	79	11,720	62,645	8,486	17,557	42,171	92,804	619,522	3,861	11,568	106,817	8,317
	Indiana.....	128	29	8,679	47,913	6,746	14,338	36,212	73,485	453,671	2,842	8,927	53,189	8,663
	Illinois.....	132	52	16,039	90,715	12,034	25,082	66,491	134,051	1,021,844	4,675	26,526	135,944	29,515
	Michigan.....	137	47	3,368	17,981	2,591	5,275	12,541	37,514	264,629	1,600	3,160	27,279	4,474
	Wisconsin.....	66	24	8,404	47,813	6,295	12,831	34,822	68,643	465,535	2,738	8,883	55,038	7,482
	West North Central	324	133	71,254	403,003	54,859	111,038	304,320	643,747	4,343,946	17,232	75,481	487,116	72,996
	Minnesota.....	33	14	14,317	87,797	10,795	21,754	68,756	142,251	808,590	3,995	15,416	122,233	13,646
	Iowa.....	60	29	24,736	140,266	19,058	38,115	104,426	216,782	1,480,197	5,693	25,533	154,885	22,665
	Missouri.....	72	28	8,230	46,235	6,237	13,058	34,138	65,738	506,058	1,289	9,191	49,067	9,281
	Nebraska.....	64	25	10,770	59,311	8,627	17,624	46,482	100,795	815,620	2,365	11,126	67,070	9,466
	Kansas.....	66	23	8,122	43,246	6,098	12,922	30,896	62,435	439,810	2,630	9,484	55,396	13,310
	South Atlantic....	365	137	16,492	66,951	12,238	25,124	44,392	116,827	704,228	5,636	16,010	84,575	11,961
	Maryland.....	35	13	2,976	14,303	2,162	3,976	9,211	23,732	125,595	(2)	3,491	17,172	2,760
	Virginia.....	46	21	3,274	13,456	2,551	5,608	9,255	24,826	156,802	1,894	3,017	19,121	1,991
	West Virginia...	27	8	706	2,741	515	1,071	1,967	5,920	26,116	(2)	371	1,900	395
	North Carolina..	84	27	1,863	6,120	1,393	2,941	4,073	10,945	66,103	966	1,466	8,139	692
	South Carolina..	33	11	1,479	5,271	1,092	2,245	3,210	8,893	49,531	(2)	1,320	5,953	1,030
	Georgia.....	82	28	3,729	15,385	2,625	5,254	10,112	24,277	159,919	1,034	4,160	20,446	3,520
	Florida.....	50	27	2,380	9,382	1,832	3,910	6,325	17,056	116,712	792	1,965	9,869	(D)
	East South Central	205	75	10,568	48,627	7,830	16,146	33,580	85,567	540,916	4,431	9,174	53,448	6,712
	Kentucky.....	64	23	2,734	13,497	2,034	4,215	9,555	25,609	137,830	1,194	2,552	15,391	1,706
	Tennessee.....	59	23	4,328	20,509	3,160	6,379	14,153	31,111	226,472	1,584	3,920	23,748	2,891
	Alabama.....	46	17	1,813	7,902	1,364	2,943	5,406	16,787	92,265	609	1,744	10,125	1,546
	Mississippi.....	36	12	1,693	6,719	1,272	2,609	4,466	12,060	84,349	1,044	958	4,182	569
	West South Central	341	111	15,440	68,624	11,156	22,609	46,137	111,068	724,171	4,342	15,718	97,478	15,109
	Arkansas.....	41	14	919	3,278	655	1,305	2,076	5,871	36,896	174	737	4,764	466
	Louisiana.....	53	14	1,188	4,377	961	1,805	3,266	7,939	52,708	(2)	1,095	5,909	971
	Oklahoma.....	49	18	3,069	14,305	1,960	4,126	9,314	24,308	135,135	597	3,421	18,256	3,575
	Texas.....	198	65	10,264	46,664	7,580	15,373	31,481	72,950	499,432	3,110	10,464	68,548	10,097
	Mountain.....	181	52	6,843	35,719	5,295	10,905	26,468	64,874	536,075	2,493	7,062	44,525	5,968
	Montana.....	23	5	649	2,976	522	981	2,168	4,274	30,064	(2)	704	2,961	667
	Idaho.....	38	8	674	3,212	502	993	2,241	7,499	48,016	(2)	421	4,733	338
	Colorado.....	45	16	3,050	17,094	2,447	5,125	13,249	29,628	309,001	897	3,810	22,058	3,231
	New Mexico.....	14	4	457	1,957	326	690	1,271	4,548	20,353	(2)	345	2,372	259
	Arizona.....	19	6	678	3,383	526	1,124	2,604	6,117	42,381	510	514	4,019	530
	Utah.....	28	9	1,189	6,530	853	1,749	4,472	10,795	73,107	(2)	1,129	6,914	750
	Pacific.....	249	98	12,286	73,190	8,809	17,981	49,189	131,917	1,038,474	5,029	14,988	106,196	14,031
	Washington.....	59	14	2,204	12,237	1,614	3,300	8,349	25,258	149,207	794	2,477	16,690	2,468
	Oregon.....	68	13	1,518	8,540	1,073	2,165	5,520	15,351	95,920	1,737	17,37	9,366	1,210
	California.....	122	71	8,564	52,413	6,122	12,516	35,320	91,308	793,347	2,498	10,773	80,139	10,353
2013	Prepared meats, total <sup>3</sup> .....	1,494	496	48,586	236,915	36,460	74,096	161,807	442,058	2,066,257	17,028	44,997	330,312	(4)
	New England.....	129	47	4,895	24,664	3,670	7,779	16,687	46,980	225,663	1,220	4,167	26,613	(4)
	Maine.....	8	3	151	635	95	214	354	1,244	7,229	(2)	140	1,009	(4)
	New Hampshire....	8	4	278	1,119	215	443	781	1,646	9,074	(2)	(6)	(6)	(4)
	Massachusetts....	76	35	4,049	21,072	3,080	6,567	14,483	40,193	195,275	958	3,401	21,639	(4)
	Connecticut.....	23	5	325	1,426	220	442	852	2,717	10,504	(2)	331	2,253	(4)
	Middle Atlantic...	382	141	11,814	61,066	8,646	17,493	40,585	104,339	495,994	4,828	10,476	76,476	(4)
	New York.....	223	82	6,615	34,675	4,864	9,716	22,983	58,977	270,813	3,083	5,820	45,756	(4)
	New Jersey.....	57	23	2,082	11,777	1,490	3,134	7,768	17,688	88,752	971	1,517	12,022	(4)
	Pennsylvania.....	102	36	3,117	14,614	2,292	4,643	9,834	27,674	136,429	774	3,139	18,697	(4)
	East North Central	382	143	14,714	74,725	11,289	23,182	52,333	145,575	630,762	5,583	15,882	121,792	(4)
	Indiana.....	29	5	1,011	4,844	773	1,639	3,550	11,689	32,059	798	825	9,093	(4)
	Michigan.....	82	38	2,792	14,322	2,099	4,451	9,475	29,361	109,642	884	2,550	19,388	(4)
	Wisconsin.....	63	21	1,638	7,850	1,201	2,443	5,181	14,550	62,740	547	1,514	9,281	(4)
	West North Central	96	31	3,324	14,044	2,656	5,114	10,262	27,203	115,710	963	2,936	19,680	(4)
	Minnesota.....	23	11	1,166	4,879	894	1,659	3,402	8,433	33,001	(2)	976	6,206	(4)
	Iowa.....	13	4	392	1,999	288	616	1,432	3,256	18,413	(2)	297	1,680	(4)
	Missouri.....	39	6	823	3,184	699	1,224	2,374	6,310	22,369	(2)	603	4,473	(4)
	Nebraska.....	13	6	599	2,588	503	1,070	1,987	6,667	29,382	(2)	788	5,790	(4)
	South Atlantic....	162	40	4,700	19,116	3,499	7,094	12,971	30,718	165,751	1,215	4,020	24,697	(4)
	Maryland.....	19	6	1,448	6,869	1,146	2,358	4,640	9,245	54,413	(2)	1,605	10,441	(4)
	Virginia.....	20	4	298	953	189	393	533	1,735	7,373	(2)	237	1,419	(4)
	North Carolina..	30	6	396	1,331	286	547	812	2,010	10,453	(2)	377	2,143	(4)
	South Carolina..	14	1	146	208	79	147	138	385	2,421	(2)	47	227	(4)
	Georgia.....	35	10	1,075	4,241	806	1,683	2,821	6,487	41,927	(2)	479	3,045	(4)
	Florida.....	33	8	665	2,432	467	912	1,553	5,820	26,880	(2)	539	2,909	(4)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2013	Prepared meats—Con.													
	East South Central	49	10	903	3,333	604	1,190	1,893	9,024	39,608	( <sup>2</sup> )	732	9,184	( <sup>4</sup> )
	Alabama.....	14	3	362	1,401	241	477	807	2,965	17,598	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>6</sup> )	( <sup>4</sup> )
	West South Central	84	22	1,913	6,908	1,408	2,984	4,400	20,609	79,467	562	2,042	14,535	( <sup>4</sup> )
	Louisiana.....	17	7	564	2,131	394	777	1,269	4,044	20,361	( <sup>2</sup> )	489	1,508	( <sup>4</sup> )
	Oklahoma.....	13	2	196	735	143	274	522	4,494	11,743	( <sup>2</sup> )	166	1,626	( <sup>4</sup> )
	Texas.....	49	11	1,098	3,856	842	1,878	2,522	11,666	45,316	( <sup>2</sup> )	1,354	11,240	( <sup>4</sup> )
	Mountain.....	36	9	820	4,016	639	1,289	2,898	6,891	40,107	( <sup>2</sup> )	442	3,398	( <sup>4</sup> )
	Colorado.....	12	7	597	3,188	446	932	2,176	5,417	33,754	( <sup>2</sup> )	295	2,469	( <sup>4</sup> )
	Pacific.....	174	53	5,503	29,043	4,049	7,971	19,778	50,719	273,195	2,089	4,295	33,932	( <sup>4</sup> )
	California.....	138	46	5,029	26,710	3,693	7,284	18,146	47,473	254,033	1,921	3,729	29,423	( <sup>4</sup> )
2015	Poultry dressing plants, total.....	1,233	594	62,389	160,813	56,143	104,188	131,985	310,572	1,888,166	24,579	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	New England.....	55	23	2,976	8,725	2,684	5,287	7,402	17,203	104,164	773	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Maine.....	18	7	1,471	4,366	1,332	2,831	3,747	9,024	53,878	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Massachusetts....	18	4	516	1,631	449	882	1,278	3,944	18,195	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Connecticut.....	7	7	557	1,644	505	914	1,419	2,477	19,537	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Middle Atlantic...	118	42	3,812	11,194	3,265	6,567	8,618	20,217	124,282	1,270	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	New York.....	53	15	1,188	3,537	1,016	1,986	2,735	7,204	41,368	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	New Jersey.....	15	8	470	1,361	422	770	1,091	2,341	12,160	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Pennsylvania.....	50	19	2,154	6,296	1,827	3,811	4,792	10,672	70,754	793	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	East North Central	227	82	7,646	21,201	6,716	12,252	16,295	39,081	232,152	4,231	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Indiana.....	48	21	1,805	5,218	1,523	2,904	3,925	9,141	56,427	1,380	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Michigan.....	26	7	675	1,832	607	857	1,310	5,241	17,417	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Wisconsin.....	26	11	1,160	3,187	1,010	1,961	2,489	4,953	41,344	583	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	West North Central	197	126	12,149	30,385	11,117	20,385	25,512	59,174	345,613	4,681	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Minnesota.....	33	22	3,734	9,259	3,483	6,231	8,035	14,692	91,814	2,038	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Iowa.....	45	32	2,204	5,538	1,962	3,735	4,501	10,387	71,643	676	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Missouri.....	57	37	2,898	6,898	2,634	4,719	5,583	13,884	90,912	662	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	South Dakota....	5	4	387	849	373	662	798	2,625	11,785	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Nebraska.....	22	16	1,991	5,263	1,863	3,481	4,663	8,309	40,541	861	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	South Atlantic....	213	120	16,336	39,589	14,769	27,242	32,158	76,914	509,100	6,997	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Maryland.....	28	10	1,768	4,779	1,597	3,098	4,007	11,015	59,989	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Virginia.....	27	17	2,131	5,039	2,030	3,822	4,447	9,231	57,044	644	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	North Carolina...	63	38	3,565	7,643	3,217	5,437	6,229	15,209	104,993	2,584	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	South Carolina..	12	7	336	610	287	440	472	1,365	8,053	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Georgia.....	42	30	6,322	15,413	5,708	10,702	12,285	31,837	205,757	2,181	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Florida.....	13	6	515	1,213	420	738	805	1,443	14,395	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	East South Central	78	41	5,629	13,270	5,112	9,981	11,391	26,220	169,786	2,067	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Alabama.....	27	17	2,878	6,747	2,578	5,047	5,852	11,411	80,222	1,244	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Mississippi.....	22	16	1,866	4,097	1,734	3,269	3,513	8,737	57,828	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	West South Central	158	85	8,286	18,956	7,495	13,667	15,998	38,952	230,008	2,310	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Arkansas.....	39	24	3,119	7,773	2,928	5,754	6,970	14,514	80,858	1,030	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Louisiana.....	14	6	615	1,268	546	914	1,055	4,358	20,114	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Oklahoma.....	20	7	712	1,897	626	1,216	1,498	3,927	24,299	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Texas.....	85	48	3,840	8,018	3,395	5,783	6,475	16,153	104,737	838	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Mountain.....	39	14	953	2,013	887	1,401	1,804	5,069	20,741	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Colorado.....	12	4	178	496	166	299	444	1,366	4,985	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Utah.....	9	7	568	1,069	538	836	987	2,447	10,273	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Pacific.....	148	61	4,602	15,480	4,098	7,406	12,807	27,742	152,320	2,001	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	California.....	98	42	3,172	10,467	2,802	4,956	8,426	18,865	109,705	1,426	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2011, Meat Packaging Plants: New England—Maine, 16 (20-99); New Hampshire, 5 (100-249); Vermont, 8 (100-249); Rhode Island, 7 (100-249); West North Central—North Dakota, 8 (500-999); South Dakota, 21 (2,500-4,999); South Atlantic—Delaware, 7 (20-99); District of Columbia, 1 (20-99); Mountain—Wyoming, 8 (20-99); Nevada, 6 (20-99).

SIC 2013, Prepared Meats: New England—Rhode Island, 14 (20-99); East North Central—Ohio, 64 (1,358); Illinois, 144 (7,915); West North Central—North Dakota, 1 (20-99); South Dakota, 1 (1-19); Kansas, 6 (250-499); South Atlantic—Delaware, 5 (100-249); District of Columbia, 4 (250-499); West Virginia, 2 (1-19); East South Central—Kentucky, 9 (100-249); Tennessee, 19 (250-499); Mississippi, 7 (20-49); West South Central—Arkansas, 5 (20-99); Mountain—Montana, 4 (20-99); Idaho, 2 (1-19); Wyoming, 2 (1-19); New Mexico, 2 (20-99); Arizona, 6 (20-99); Utah, 7 (20-99); Nevada, 1 (1-19); Pacific—Washington, 14 (250-499); Oregon, 22 (100-249).

SIC 2015, Poultry Dressing Plants: New England—New Hampshire, 5 (100-249); Vermont, 3 (20-99); Rhode Island, 4 (20-99); East North Central—Ohio, 74 (1,590); Illinois, 53 (2,416); West North Central—North Dakota, 4 (100-249); Kansas, 31 (500-999); South Atlantic—Delaware, 16 (1,473); West Virginia, 12 (100-249); East South Central—Kentucky, 13 (250-499); Tennessee, 16 (500-999); Mountain—Montana, 4 (1-19); Idaho, 9 (100-249); Wyoming, 1 (1-19); New Mexico, 2 (1-19); Arizona, 2 (20-99); Pacific—Washington, 32 (500-999); Oregon, 18 (500-999).

<sup>3</sup> Less than \$500 thousand.<sup>4</sup> 1958 statistics are not completely comparable to 1954 because of a revision in the Standard Industrial Classification system which transferred establishments primarily producing synthetic sausage casings to Industry 3079, Miscellaneous Plastics Products. Only a few States notably Illinois and Tennessee were affected. See text.<sup>5</sup> Data comparable to 1954 and 1958 are not available. In 1947, manufactures' wholesale sales branches were included in manufacturing whereas in 1958 and 1954 they were excluded. See table 1, footnote 11.<sup>6</sup> Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).<sup>7</sup> This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted	Value of shipments	Capital ex- penditures, new	All em- ployees, number	Value added by manufac- ture, unadjusted	All em- ployees, number
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2015	Poultry dressing plants, total.....	1,131	518	55,635	142,997	49,999	93,193	117,966	266,177	1,685,182	22,564	46,173	206,175	21,570
	New England.....	53	23	2,957	8,650	2,670	5,263	7,373	17,101	103,885	768	2,068	12,030	300
	Maine.....	17	7	1,467	4,364	1,329	2,826	3,745	9,021	53,870	(2)	875	5,840	34
	Massachusetts....	17	4	501	1,558	438	863	1,251	3,858	17,924	(2)	661	3,061	193
	Connecticut.....	7	7	557	1,644	505	914	1,419	2,464	19,537	(2)	328	2,090	(D)
	Middle Atlantic...	114	39	3,739	10,929	3,205	6,456	8,449	19,696	121,129	1,249	3,226	15,706	891
	East North Central	207	66	6,399	17,410	5,600	10,403	13,781	28,541	188,304	3,987	5,291	24,144	1,362
	Indiana.....	45	18	1,703	4,913	1,433	2,758	3,675	5,976	44,705	1,256	1,269	5,439	279
	Wisconsin.....	26	11	1,160	3,187	1,010	1,961	2,489	4,953	41,344	583	788	2,735	115
	West North Central	144	79	7,439	18,424	6,799	12,416	15,656	29,822	204,228	3,061	7,571	32,057	9,438
	Minnesota.....	27	17	2,407	5,516	2,247	3,819	4,801	7,758	68,787	1,312	1,953	8,518	2,281
	Iowa.....	32	20	1,359	3,436	1,209	2,354	2,845	5,850	34,194	551	2,149	10,072	2,811
	Missouri.....	38	22	1,466	3,357	1,317	2,349	2,708	6,492	45,299	522	1,434	6,087	1,148
	Nebraska.....	15	9	1,499	4,240	1,403	2,689	3,782	6,203	27,235	(2)	1,284	4,677	2,116
	Kansas.....	27	8	557	1,489	490	959	1,201	3,151	17,491	(2)	453	1,247	456
	South Atlantic....	206	117	15,995	38,804	14,457	26,738	31,527	75,683	504,699	6,948	12,450	53,897	5,058
	Delaware.....	15	8	1,249	3,654	1,099	2,177	2,904	5,263	50,000	585	1,492	5,949	1,300
	Maryland.....	25	9	1,732	4,690	1,566	3,043	3,939	10,779	58,812	(2)	1,969	10,182	1,652
	South Carolina...	12	7	336	610	287	440	472	1,365	8,053	(2)	198	1,075	(D)
	Georgia.....	41	30	6,306	15,365	5,697	10,683	12,255	31,739	205,430	2,171	3,930	16,759	957
	Florida.....	13	6	515	1,213	420	738	805	1,443	14,395	(2)	270	839	(D)
	East South Central	72	40	5,552	13,080	5,043	9,858	11,233	25,916	167,505	2,013	3,416	12,036	353
	Kentucky.....	11	3	278	735	258	535	675	1,848	9,917	(2)	(3)	(3)	(3)
	Tennessee.....	12	4	530	1,501	473	1,007	1,193	3,920	19,538	(2)	507	1,755	157
	Alabama.....	27	17	2,878	6,747	2,578	5,047	5,852	11,411	80,222	1,244	(3)	(3)	(3)
	Mississippi.....	22	16	1,866	4,097	1,734	3,269	3,513	8,737	57,828	(2)	1,295	4,634	(D)
	West South Central	152	81	8,148	18,758	7,379	13,516	15,846	38,331	226,878	2,308	6,540	25,873	1,678
	Louisiana.....	14	6	615	1,268	546	914	1,055	4,358	20,114	(2)	236	942	...
	Texas.....	81	46	3,765	7,909	3,333	5,702	6,392	15,854	103,196	836	3,162	13,207	922
	Mountain.....	38	14	947	1,997	882	1,392	1,790	4,959	20,640	(2)	800	1,461	656
	Colorado.....	12	4	178	496	166	299	444	1,366	4,985	(2)	297	544	66
	Utah.....	9	7	568	1,069	538	836	987	2,447	10,273	(2)	441	663	481
	Pacific.....	145	59	4,459	14,927	3,964	7,151	12,311	26,042	147,914	1,981	4,809	28,967	1,834
	Washington.....	31	10	743	2,656	656	1,257	2,259	4,338	22,817	(2)	717	3,478	354
	Oregon.....	18	8	573	1,916	531	986	1,716	3,163	16,922	(2)	662	3,515	553
	California.....	96	41	3,143	10,355	2,777	4,908	8,336	18,541	108,175	1,406	3,430	21,973	927

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2015, Poultry Dressing Plants: New England—New Hampshire, 5 (100-249); Vermont, 3 (20-99); Rhode Island, 4 (20-99); Middle Atlantic—New York, 52 (1,000-2,499); New Jersey, 14 (250-499); Pennsylvania, 48 (1,000-2,499); East North Central—Ohio, 69 (1,449); Illinois, 43 (1,652); Michigan, 24 (250-499); West North Central—North Dakota, 3 (20-99); South Dakota, 2 (20-99); South Atlantic—Virginia, 26 (1,000-2,499); West Virginia, 12 (100-249); North Carolina, 62 (2,500-4,999); West South Central—Arkansas, 38 (2,500-4,999); Oklahoma, 19 (500-999); Mountain—Montana, 3 (1-19); Idaho, 9 (100-249); Wyoming, 1 (1-19); New Mexico, 2 (1-19); Arizona, 2 (20-99).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.



Table 3.—Detailed Statistics for the United States: 1958

Item	Meat packing plants (SIC 2011)	Prepared meat plants (SIC 2013)	Poultry dressing plants (SIC 2015)
Primary product specialization ratio <sup>1</sup> .....	98	97	98
Coverage ratio <sup>2</sup> .....	100	79	98
Number of establishments, total.....	2,801	1,494	1,233
With 1-19 employees.....	<sup>1</sup> 1,824	998	639
With 20-99 employees.....	668	374	388
With 100 employees or more.....	309	122	206
Proprietors and working partners.....Number...	2,367	1,038	929
All employees:			
Number (average for the year).....	200,783	48,586	<sup>3</sup> 62,119
Payroll.....\$1,000...	1,067,896	236,915	160,813
Production workers:			
Number (average for the year).....	150,786	36,460	<sup>3</sup> 55,860
January.....	...	...	49,591
February.....	...	...	48,253
March.....	149,504	35,590	48,096
April.....	...	...	51,009
May.....	150,105	36,630	53,953
June.....	...	...	56,318
July.....	...	...	56,749
August.....	150,849	37,007	58,744
September.....	...	...	60,144
October.....	...	...	62,586
November.....	152,686	36,603	63,779
December.....	...	...	61,102
Man-hours.....1,000...	308,991	74,096	104,188
January-March.....do...	76,753	17,849	21,573
April-June.....do...	75,508	18,561	25,008
July-September.....do...	76,746	18,611	27,811
October-December.....do...	<sup>1</sup> 79,984	<sup>1</sup> 19,075	<sup>1</sup> 29,796
Wages.....\$1,000...	768,096	161,807	131,985
Cost of materials, etc., total.....do...	10,243,758	1,636,222	1,582,928
Materials, parts, containers, and supplies consumed.....do...	<sup>1</sup> 9,828,002	<sup>1</sup> 1,418,567	1,503,499
Cost of resales.....do...	360,730	198,647	68,961
Fuels consumed.....do...	26,480	5,024	3,793
Electricity purchased.....do...	21,653	5,980	5,574
Contract work.....do...	6,893	8,004	1,101
Value of shipments (including resales), total.....do...	11,962,273	2,066,257	1,888,166
Value of resales.....do...	402,190	<sup>2</sup> 223,248	78,698
Value added by manufacture, adjusted.....do...	1,746,603	442,058	310,572
Manufacturers' inventories:			
Beginning of year, total.....do...	380,635	99,515	71,815
Finished products.....do...	271,184	70,719	55,977
Work-in-process.....do...	32,207	3,037	2,262
Materials, supplies, fuel, etc.....do...	77,245	25,759	13,575
End of year, total.....do...	407,311	115,352	77,053
Finished products.....do...	301,570	81,288	61,879
Work-in-process.....do...	29,909	4,491	1,694
Materials, supplies, fuel, etc.....do...	75,832	29,573	13,479
Expenditures for plant and equipment, total.....do...	65,274	17,886	25,023
New, total.....do...	63,129	17,028	24,579
New structures and additions to plant.....do...	23,702	7,407	8,818
New machinery and equipment.....do...	39,427	9,621	15,761
Used plant and equipment.....do...	2,145	<sup>2</sup> 858	<sup>2</sup> 444

Note: Detailed Figures may not add to totals because of independent rounding.

<sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Not identical to the figures appearing in tables 1, 2, 4, and 8. The production workers figures in table 3 is the average of the production workers on the payroll for each of the twelve months. The production workers figure, in tables 1, 2, 4, and 8 is the average of the workers on the payroll for March, May, August, and November. The "all employees" figure in all tables is the sum of the respective average production workers figure and the nonproduction workers as of March 15. See table 1 footnote 2.

<sup>4</sup>Excludes \$338 million of fresh meat shipped by plants that did not slaughter.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2011	Meat packing:											
	Number of establishments.....	2,801	1,054	387	383	456	212	156	75	38	30	10
	All employees:											
	Number.....	200,783	2,130	2,602	5,239	14,372	14,651	24,030	27,442	26,100	46,526	37,691
	Payroll.....\$1,000..	1,067,896	5,914	8,825	20,699	64,978	69,502	124,023	149,842	146,647	257,343	220,123
	Value added, adjusted..do....	1,746,603	35,900	29,737	52,222	139,104	140,005	218,205	235,232	188,583	374,762	332,853
2013	Value of shipments.....do....	11,962,273	94,028	125,643	308,710	1,027,830	1,132,529	1,844,562	1,867,170	1,344,168	2,399,002	1,818,631
	Capital expend., new...do....	63,129	3,247	2,957	4,876	6,842	7,500	8,222	6,338	5,163	10,643	7,341
	Prepared meats:											
	Number of establishments.....	1,494	463	253	282	263	111	96	20	5	1	...
	All employees:											
	Number.....	48,586	1,044	1,682	3,936	8,081	8,018	14,483	6,974	4,368	(D)	...
2015	Payroll.....\$1,000..	236,915	3,379	6,582	16,806	37,800	40,321	73,231	35,969	22,827	(D)	...
	Value added, adjusted..do....	442,058	14,481	16,706	32,952	73,205	77,060	125,591	60,396	41,667	(D)	...
	Value of shipments.....do....	2,066,257	33,829	61,785	156,259	352,619	345,021	621,741	283,159	211,844	(D)	...
	Capital expend., new...do....	17,028	1,287	690	1,809	3,296	2,595	4,127	2,006	1,218	(D)	...
	Poultry dressing plants:											
	Number of establishments.....	1,233	324	148	167	182	206	167	36	3	...	...
	All employees:											
	Number.....	62,389	705	984	2,295	5,931	14,940	24,232	13,302	(D)	...	...
	Payroll.....\$1,000..	160,813	1,479	2,447	5,645	14,002	38,256	63,444	35,540	(D)	...	...
	Value added, adjusted..do....	310,572	4,816	6,735	10,746	27,494	70,899	128,160	61,722	(D)	...	...
	Value of shipments.....do....	1,888,166	19,583	27,341	67,642	160,928	472,775	777,394	362,503	(D)	...	...
	Capital expend., new...do....	24,579	707	675	2,082	2,180	7,153	6,652	5,130	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
						Col. B Col. B+C				Col. G Col. F (percent)
						(percent)				
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	(E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	(I)
2011	Meat packing plants.....1958.. 1954..	11,962,273 10,265,319	<sup>a</sup> 11,264,036 <sup>a</sup> 9,641,738	240,427 251,996	457,810 371,585	98 97	<sup>a</sup> 12,751,432 <sup>a</sup> 10,863,032	<sup>a</sup> 11,264,036 <sup>a</sup> 9,641,738	<sup>a</sup> 1,487,396 <sup>a</sup> 1,221,294	88 89
2013	Prepared meat products.....1958 <sup>5</sup> . 1954 <sup>5</sup> .	2,066,257 1,541,072	<sup>b</sup> 1,447,849 <sup>b</sup> 1,176,475	<sup>a</sup> 42,558 <sup>a</sup> 19,440	757,850 734,517	97 98	<sup>b</sup> 4,417,962 <sup>b</sup> 4,201,019	<sup>b</sup> 1,447,849 <sup>b</sup> 1,176,475	<sup>b</sup> 2,970,113 <sup>b</sup> 3,024,544	33 28
2015	Poultry dressing plants.....1958 <sup>6</sup> .	1,888,166	1,692,995	33,079	162,092	98	1,734,797	1,692,995	41,802	98

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Includes prepared meats and natural sausage casings, but excludes fresh meats processed from purchased carcasses. The latter were classified as resales.

<sup>4</sup>Excludes fresh meats shipped by plants which did not slaughter. These shipments amounted to \$260 million in 1954 and an undetermined amount in excess of \$538 million in 1958.

<sup>5</sup>Not completely comparable because of changes in the Standard Industrial Classification Manual between 1954 and 1958. See Introductory text.

<sup>6</sup>Includes lard.

<sup>7</sup>Includes, as part of resales, fresh meat products processed from purchased carcasses.

<sup>8</sup>Comparable 1954 figures not available because of changes in Standard Industrial Classification System. See Introductory text and table 1A.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Meat packing plants (SIC 2011)	Prepared meats (SIC 2013)	Poultry dressing plants (SIC 2015)	Other industries	All industries
	Total shipments and receipts of the industry.....	11,962,273	2,066,257	1,888,166	xxx	xxx
2011-	Meat packing plant products.....	8,639,115	8,031	( <sup>1</sup> )	18,294	8,665,440
20111	Fresh beef.....	5,019,357	...	...	...	5,019,357
20112	Fresh veal.....	414,102	...	...	...	414,102
20113	Fresh lamb and mutton.....	305,161	...	...	...	305,161
20114	Fresh pork.....	2,124,283	...	...	...	2,124,283
20115	Lard <sup>2</sup> .....	320,829	5,195	( <sup>1</sup> )	5,946	331,970
20119	Hides, skins, and pelts.....	191,994	...	( <sup>1</sup> )	3,673	195,667
20110	Other meat packing plant products, nec, or nsk.....	263,389	2,836	( <sup>1</sup> )	8,675	274,900
2013-	Prepared meats <sup>2</sup> .....	2,624,921	1,442,654	( <sup>1</sup> )	18,417	4,085,992
20136	Pork, processed and cured.....	1,349,020	471,915	(1)	789	1,821,724
20116						
20137	Sausage, and other prepared meats.....	835,987	688,061	(1)	2,166	1,526,214
20117						
20138	Canned meats, except dog food.....	406,520	177,477	(1)	14,644	598,641
20118						
20139	Natural sausage casings.....	333,394	3105,201	(1)	3818	3139,413
20130	Prepared meats, nsk.....					
2015-	Poultry products.....	(1)	(1)	1,692,995	41,802	1,734,797
20151	Hens (or fowl) and other chickens.....	(1)	(1)	1,154,158	24,217	1,178,375
20153	Turkeys.....	(1)	(1)	251,741	6,180	257,921
20154	Canned poultry except soups.....	...	...	21,512	4,078	25,590
20155	Other poultry and small game.....	(1)	(1)	18,377	1,019	19,396
20156	Liquid, dried, and frozen eggs.....	...	...	145,948	4,749	150,697
20150	Other poultry packing products.....	(1)	(1)	101,259	1,559	102,818
	Other products.....	(D)	(D)	(D)	xxx	xxx
20210	Creamery butter.....	(D)	(D)	10,206	xxx	xxx
20332	Canned vegetables.....	(D)	2,602	(D)	xxx	xxx
20373	Frozen prepared foods.....	...	(D)	3,236	xxx	xxx
20422	Livestock feeds.....	3,811	...	...	xxx	xxx
20423	Dog and cat food.....	16,553	(D)	(D)	xxx	xxx
20941	Grease and inedible tallow.....	79,668	1,345	...	xxx	xxx
20942	Feed and fertilizer by products.....	64,722	379	386	xxx	xxx
20950	Animal oil mill products.....	5,510	(D)	...	xxx	xxx
20961	Shortening and cooking oils.....	30,325	679	...	xxx	xxx
20962	Margarine.....	3,165	...	...	xxx	xxx
20999	Other food preparations, nec.....	...	(D)	(D)	xxx	xxx
	Other products, nec.....	34,009	28,201	17,945	xxx	xxx
	Miscellaneous receipts.....	457,810	575,850	162,092	xxx	xxx
	Commission receipts.....	48,742	9,016	4,938	xxx	xxx
	Resales (including sales of fresh meat processed from purchased carcasses).....	402,190	4560,899	78,698	xxx	xxx
	Receipts from other nonmanufacturing activities.....	6,878	5,935	78,456	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Combined with "Other industries" to avoid disclosing figures for individual companies.

<sup>2</sup>Considered primary to both Industry 2011 and Industry 2013.

<sup>3</sup>Combined to avoid disclosing figures for individual companies.

<sup>4</sup>Includes \$338 million known to be sales of fresh meats processed from purchased carcass. Additional but undetermined amounts of such fresh meats were reported simply as resales.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958				1954			
			Total shipments and interplant transfers, including manufacturers' wholesale sales branches <sup>1</sup>		Total shipments and interplant transfers, manufacturing establishments only (excluding manufacturers' wholesale sales branches)		Total shipments and interplant transfers, including manufacturers' wholesale sales branches <sup>1</sup>		Total shipments and interplant transfers, manufacturing establishments only (excluding manufacturers' wholesale sales branches)	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2011---	Meat packing plant products, total <sup>2</sup>	.....	xxx	38,665,440	xxx	38,665,440	xxx	37,346,183	xxx	37,346,183
20111--	Fresh beef.....	.....	xxx	5,019,357	xxx	5,019,357	xxx	3,943,145	xxx	3,943,145
2011112	Whole carcass beef.....	1,000 lbs.	8,409,495	3,478,777	8,409,495	3,478,777	11,320,103	3,735,634	11,320,103	3,735,634
2011117	Primal and fabricated cuts.....	..do....	1,874,974	844,953	1,874,974	844,953				
2011151	Boneless beef, including hamburger.....	..do....	882,633	411,409	882,633	411,409				
2011151	Variety meats (edible organs).....	..do....	574,023	138,841	574,023	138,841				
2011171	Other edible beef, except canned meat and sausage.....	..do....	142,682	41,888	142,682	41,888	864,997	207,511	864,997	207,511
2011100	Fresh beef, nsk.....	.....	xxx	103,489	xxx	103,489				
20112--	Fresh veal.....	.....	xxx	414,102	xxx	414,102	xxx	397,560	xxx	397,560
2011212	Whole carcass veal.....	1,000 lbs.	688,174	289,714	688,174	289,714	1,459,421	370,693	1,459,421	370,693
2011217	Primal cuts, fabricated cuts, and boneless veal.....	..do....	166,833	85,022	166,833	85,022				
2011261	Other edible veal except canned meats and sausage.....	..do....	43,473	23,603	43,473	23,603				
2011200	Fresh veal, nsk.....	.....	xxx	15,763	xxx	15,763				
20113--	Fresh lamb and mutton.....	.....	xxx	305,161	xxx	305,161	xxx	298,528	xxx	298,528
2011312	Whole carcass lamb and mutton..	1,000 lbs.	555,534	247,020	555,534	247,020	821,176	292,339	821,176	292,339
2011352	Primal cuts and all other edible lamb and mutton, except canned meats and sausage.....	..do....	131,579	58,141	131,579	58,141				
20114--	Fresh pork.....	.....	xxx	2,124,283	xxx	2,124,283	xxx	1,928,756	xxx	1,928,756
2011412	Whole carcass pork.....	1,000 lbs.	977,185	292,764	977,185	292,764	4,758,703	1,860,653	4,758,703	1,860,653
2011417	Primal cuts (including trimmings, but excluding fresh pork sausage).....	..do....	4,625,450	1,716,266	4,625,450	1,716,266				
2011451	Variety meats (fresh edible organs).....	..do....	448,358	98,050	448,358	98,050				
2011400	Fresh pork, nsk.....	.....	xxx	17,203	xxx	17,203				
20115--	Lard, sold as such (excluding animal fat shortening).....	.....	xxx	331,970	xxx	331,970	xxx	383,163	xxx	383,163
2011513	Consumer sizes (3 lbs. or less)	1,000 lbs.	662,148	95,194	662,148	95,194	2,164,762	383,163	2,164,762	383,163
2011517	Commercial sizes (more than 3 lbs.).....	..do....	1,869,606	234,230	1,869,606	234,230				
2011500	Lard, nsk.....	.....	xxx	2,546	xxx	2,546				
20119--	Hides, skins, and pelts.....	.....	xxx	195,667	xxx	195,667	xxx	225,522	xxx	225,522
2011911	Cattle.....	1,000	20,032	125,841	20,032	125,841	23,214	143,714	23,214	143,714
2011921	Calf.....	..do....	6,614	32,041	6,614	32,041				
2011951	Sheep and lamb.....	..do....	12,356	24,284	12,356	24,284				
2011998	Other hides, skins, and pelts..	..do....	2,121	3,208	2,121	3,208				
2011900	Hides, nsk.....	.....	xxx	10,293	xxx	10,293	xxx	...	xxx	...
2011X--	Other meat packing plant products, nec.....	.....	xxx	110,300	xxx	110,300	xxx	108,996	xxx	108,996
2011X11	Fresh meat other than beef, veal, pork, lamb or mutton....	1,000 lbs.	67,450	11,121	67,450	11,121	184,174	21,859	184,174	21,859
2011X31	Pulled wool.....	..do....	9,165	6,438	9,165	6,438				
2011X41	Tallow and stearin, edible....	..do....	481,895	58,661	481,895	58,661				
2011X51	Glue stock (semimanufactured material to be made into glue)	.....	xxx	1,081	xxx	1,081				
2011X55	Killing floor offal, scrap, and bones.....	.....	xxx	28,372	xxx	28,372	xxx	40,689	xxx	40,689
2011X79	Other, nsk.....	.....	xxx	4,627	xxx	4,627	xxx	7,724	xxx	7,724
2011000	Slaughtering plant products, nsk	.....	xxx	164,600	xxx	164,600	xxx	60,513	xxx	60,513
2013---	Prepared meats, total <sup>2</sup> .....	.....	xxx	4,304,375	xxx	4,085,992	xxx	3,915,495	xxx	3,695,801
20136--	Pork, processed and cured.....	.....	xxx	1,949,287	xxx	1,821,724	xxx	1,979,451	xxx	1,847,332
20116--	Made in slaughtering plants....	.....	xxx	1,349,020	xxx	1,349,020	xxx	1,513,354	xxx	1,513,354
20136--	Made elsewhere.....	.....	xxx	600,267	xxx	472,704	xxx	466,097	xxx	333,978
2011612	Sweet pickled or dry-cured... }	1,000 lbs.	419,502	158,950	411,280	155,089	677,465	286,428	670,200	283,292
2011622		..do....	312,458	73,311	310,215	72,809				
2013622	Dry salt pork.....	.....	xxx	1,081	xxx	1,081	xxx	3,099	xxx	3,099
2011631	Smoked pork (not otherwise cooked): }	.....	xxx	28,372	xxx	28,372	xxx	40,689	xxx	40,689
2011631		.....	xxx	4,627	xxx	4,627	xxx	7,724	xxx	7,724
2011641	Hams and picnics, except canned.....	..do....	1,450,795	736,744	1,319,629	673,460	1,273,514	674,568	1,158,833	613,712
2013641	Sliced bacon.....	..do....	997,213	528,400	932,524	492,907				

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958				1954			
			Total shipments and interplant transfers, including manufacturers' wholesale sales branches <sup>1</sup>		Total shipments and interplant transfers, manufacturing establishments only (excluding manufacturers' wholesale sales branches)		Total shipments and interplant transfers, including manufacturers' wholesale sales branches <sup>1</sup>		Total shipments and interplant transfers, manufacturing establishments only (excluding manufacturers' wholesale sales branches)	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2013---	Prepared meats--Continued									
20110--	Pork, processed and cured--									
20136--	Continued									
2011635 }	Smoked pork (not otherwise cooked)--Continued									
2011635 }	Slab bacon.....	1,000 lbs.	416,146	181,967	405,799	177,386	514,322	239,726	483,425	225,566
2011635 }	Other smoked pork.....	...do....	240,659	104,153	216,751	93,734				
2011661 }	Boiled ham and other cooked pork, except canned meats and sausage.....	...do....	124,707	108,327	112,519	98,904	173,835	146,228	151,195	127,153
2011600 }	Other edible pork and pork, processed and cured, nsk....	.....	xxx	57,435	xxx	57,435	xxx	54,126	xxx	54,110
20137--	Sausage and other prepared meat products.....	.....	xxx	1,617,034	xxx	1,526,214	xxx	1,274,671	xxx	1,187,096
20117--	Made in slaughtering plants....	.....	xxx	835,987	xxx	835,987	xxx	669,019	xxx	669,019
20137--	Made elsewhere.....	.....	xxx	781,047	xxx	690,227	xxx	518,077	xxx	518,077
2011711 }	Fresh sausage (pork sausage, breakfast links, etc.).....	1,000 lbs.	472,093	222,057	456,730	215,166	636,947	285,456	605,237	272,360
2013711 }	Dry or semidry sausage (salami, cervelat, pepperoni, summer sausage, pork roll, etc.).....	...do....	203,607	135,496	197,087	131,335	274,950	162,265	262,969	157,080
2011721 }	Frankfurters and wieners.....	...do....	1,031,994	488,286	951,681	449,178	905,347	364,834	806,744	326,832
2011733 }	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, packaged luncheon meats, minced roll, smoked pork sausage, etc.)..	...do....	1,302,465	637,011	1,226,505	600,203	749,791	272,236	684,181	251,069
2011791 }	Jellied goods and similar preparations, not canned (head cheese, meat loaves, scrapple, puddings, chili con carne, imitation sausage, etc.).....	...do....	172,191	78,713	163,974	74,861	335,636	153,427	311,268	143,302
2011700 }	Sausage and other prepared meat products, nsk.....	.....	xxx	55,471	xxx	55,471	xxx	36,453	xxx	36,453
2011811 }	Canned meats (except dog and cat food) products containing 20% or more meat <sup>2</sup> .....	1,000 lbs.	1,198,593	598,641	1,198,593	598,641	1,252,015	583,439	1,252,015	583,439
20139--	Natural sausage casings and other processed meat.....	.....	xxx	139,413	xxx	139,413	xxx	77,934	xxx	77,934
2013911 }	Beef sausage casings.....	.....	xxx	110,699	xxx	(D)	xxx	10,583	xxx	10,583
2013931 }	Hog sausage casings.....	.....	xxx	34,788	xxx	(D)	xxx	20,147	xxx	20,147
2013951 }	Sheep and lamb sausage casings.....	.....	xxx	8,663	xxx	(D)	xxx	18,767	xxx	18,767
2013961 }	Other animal casings.....	.....	xxx	7,822	xxx	(D)	xxx	6,807	xxx	6,807
2013900 }	Animal casings, nsk.....	.....	xxx	1,610	xxx	(D)	xxx	976	xxx	976
2013000 }	Processed meats, nsk.....	.....	xxx	75,831	xxx	(D)	xxx	20,654	xxx	20,654
			Total shipments including interplant transfers							
			1958				1954			
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2015---	Poultry and small game.....	.....	xxx	1,734,797	xxx		xxx		(NA)	
20151--	Hens (or fowl) and broilers.....	.....	xxx	1,178,375	xxx		xxx		899,317	
2015111 }	Hens (or fowl and chickens other than young chickens): New York dressed (dressed weight).....	1,000 lbs.....		171,451		44,442	(e)		(e)	
2015115 }	Eviscerated or drawn (eviscerated weight).....	...do.....		315,211		95,946	(e)		(e)	

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2015---	Poultry and small game --Continued					
20151--	Hens (or fowl) and other chickens--Continued					
	Young chickens (including commercial broilers):					
2015131	New York dressed (dressed weight).....	1,000 lbs.....	633,041	161,159	784,149	7248,139
2015135	Eviscerated or drawn (eviscerated weight).....	...do.....	2,784,968	823,076	71,764,710	7651,178
2015100	Hens (or fowl) and other chickens, nsk.....	...do.....	174,044	53,752	...	...
20153--	Turkeys.....	.....	xxx	257,921	xxx	203,836
2015311	New York dressed (dressed weight).....	1,000 lbs.....	91,222	30,850	111,513	43,981
2015315	Eviscerated or drawn (eviscerated weight).....	...do.....	608,113	213,755	356,024	159,855
2015300	Turkeys, nsk.....	...do.....	37,926	13,316	...	...
20154--	Canned poultry, except soups.....	.....	xxx	25,590	xxx	( <sup>8</sup> )
2015413	10 oz. and under.....	1,000 cases of 48.	844	12,436	(NA)	(NA)
2015415	40.1 oz.-60 oz.....	1,000 cases of 12.	291	4,366	(NA)	(NA)
2015419	Other sizes.....	1,000 cases.....	622	8,788	(NA)	(NA)
2015511	Other poultry and small game killed in this establishment (ducks, geese, rabbits, etc.).....	1,000 lbs.....	51,094	19,396	58,287	21,916
20156--	Liquid, dried, and frozen eggs.....	.....	xxx	150,697	xxx	148,034
	Eggs, dried:					
2015611	Whites.....	1,000 lbs.....	9,335	9,115	8,145	14,448
2015613	Yolks.....	...do.....	7,755	8,800	9,872	11,397
2015615	Whole.....	.....	9,716	10,793	4,628	4,876
2015617	Mixed.....	...do.....			3,056	3,207
	Eggs, frozen or liquid:					
2015651	Whites.....	...do.....	148,742	19,579	107,176	20,355
2015653	Yolks.....	...do.....	75,519	36,708	78,103	32,527
2015655	Whole.....	...do.....	98,261	28,852	90,537	26,565
2015657	Mixed.....	...do.....	86,764	31,862	90,095	30,884
2015600	Eggs, liquid, dried, and frozen, nsk.....	.....	xxx	4,988	xxx	3,777
2015000	Poultry and small game dressing and packing, wholesale, nsk.....	.....	xxx	102,818	xxx	36,717

D Withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised.

NA Not available.

<sup>1</sup>In both the 1958 and 1954 Census of Manufactures, manufacturers wholesale sales branches are classified in Wholesale Trade and file Census of Business Reports. However, supplemental information was collected on the quantities of prepared meats manufactured on premises and shipped from sales branches.

<sup>2</sup>Substantial quantities of these items are shipped from nonmanufacturing establishments and are not included in these statistics.

<sup>3</sup>The 1958 and 1954 figures are not completely comparable because of a change of classification of fresh meats (primal cuts, variety meats, etc.) processed from purchased carcasses. Such meats were classified as resales in 1958 and the amounts shipped are not included in table 6A. However, in 1954 they are included with the specific type of meat in table 6A and amounted to the following: Fresh beef, \$94,841 thousand; Fresh veal, \$5,394 thousand; Fresh lamb and mutton, \$3,437 thousand; Fresh pork, \$103,301 thousand; and Dried beef and cured meats, other than pork, \$50,152 thousand.

<sup>4</sup>Figures represent output of Industries 2011, 2013, and 2886. Detailed production information was not obtained from establishments primarily engaged in wool pulling. Total production (USDA) was 30,400 thousand pounds in 1958 and 43,500 thousand pounds in 1954.

<sup>5</sup>Canned products containing less than 20% meat are included in Industry 2032, Canned Specialties.

<sup>6</sup>Separate information not available; included with young chicken codes 2015131 and 2015135.

<sup>7</sup>Includes Hens.

<sup>8</sup>In 1954 combined with canned soups to avoid disclosing figures for individual companies. Separate figures are therefore not available.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 2)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Fresh beef (20111):</b>			<b>Fresh veal (20112):</b>			<b>Fresh lamb and mutton (20113)--Continued</b>	1958 <sup>2</sup>	1954
United States, total:			United States, total:			East North Central.....	35,039	36,343
1958.....	15,019,357		1958.....	2414,102		Ohio.....	4,105	5,210
1957.....	14,467,129		1957.....	2421,895		Indiana.....	3,845	3,415
1956.....	4,082,159		1956.....	400,128		Illinois.....	9,961	17,750
1955.....	3,910,717		1955.....	391,153		Michigan.....	12,302	7,870
1954.....	3,756,773		1954.....	390,382		Wisconsin.....	4,826	2,097
1953.....	3,940,980		1953.....	353,185		West North Central.....	101,388	108,700
1952.....	4,388,620		1952.....	358,564		Minnesota.....	16,904	17,268
1951.....	4,250,821		1951.....	384,085		Iowa.....	28,342	32,423
1950.....	3,659,584		1950.....	345,451		Nebraska.....	20,843	23,133
1947.....	2,645,771		1947.....	341,568		East South Central.....	4,283	4,242
	1958 <sup>2</sup>	1954		1958 <sup>2</sup>	1954	West South Central.....	21,680	14,363
New England.....	40,015	41,066	New England.....	5,634	3,367	Texas.....	16,951	11,426
Maine.....	1,641	1,827	Massachusetts.....	3,486	2,093	Mountain.....	33,774	20,360
New Hampshire.....	6,415	5,857	Middle Atlantic.....	54,733	45,925	Colorado.....	26,458	13,194
Vermont.....	1,726	1,126	New York.....	23,437	20,793	Pacific.....	52,778	50,959
Massachusetts.....	17,316	20,055	New Jersey.....	16,265	11,113	Washington.....	2,191	2,807
Rhode Island.....	(3)	1,963	Pennsylvania.....	15,031	14,014	Oregon.....	4,279	4,238
Connecticut.....	12,652	10,257				California.....	46,308	43,914
Middle Atlantic.....	371,425	364,098	East North Central.....	103,337	98,645			
New York.....	92,236	145,930	Ohio.....	8,047	8,099	<b>Fresh pork (20114):</b>		
New Jersey.....	110,402	80,488	Indiana.....	8,380	10,353	United States, total:		
Pennsylvania.....	168,785	137,679	Illinois.....	25,195	32,466	1958.....	12,124,283	
East North Central.....	1,174,436	906,105	Michigan.....	21,189	16,305	1957.....	11,968,107	
Ohio.....	250,868	175,643	Wisconsin.....	40,526	31,422	1956.....	1,739,366	
Indiana.....	136,363	108,233	West North Central.....	57,189	73,219	1955.....	1,696,215	
Illinois.....	470,400	417,823	Minnesota.....	14,629	16,669	1954.....	1,824,756	
Michigan.....	133,982	97,069	Iowa.....	22,607	17,855	1953.....	2,005,827	
Wisconsin.....	182,823	107,326	Missouri.....	7,265	14,338	1952.....	2,072,136	
West North Central.....	1,842,727	1,308,750	Nebraska.....	2,759	4,173	1951.....	2,085,318	
Minnesota.....	292,084	208,884	Kansas.....	9,009	18,869	1950.....	1,737,163	
Iowa.....	531,151	355,100	South Atlantic.....	34,567	33,942	1947.....	1,168,541	
Missouri.....	237,230	170,369	Maryland.....	4,318	3,828		1958 <sup>2</sup>	1954
Nebraska.....	474,808	321,616	Virginia.....	14,280	10,331	New England.....	30,653	47,266
Kansas.....	196,880	184,602	North Carolina.....	791	1,102	Massachusetts.....	17,452	30,017
South Atlantic.....	199,636	137,340	Georgia.....	7,729	8,760	Middle Atlantic.....	201,587	195,240
Maryland.....	38,376	37,951	Florida.....	4,718	4,120	New York.....	52,146	62,249
Virginia.....	26,013	15,304	East South Central.....	33,014	22,056	New Jersey.....	78,487	70,557
North Carolina.....	13,183	8,657	Kentucky.....	803	1,841	Pennsylvania.....	70,954	62,434
South Carolina.....	14,345	5,752	Tennessee.....	14,660	12,846	East North Central.....	565,115	522,606
Georgia.....	43,674	34,029	Alabama.....	5,766	6,419	Ohio.....	107,657	89,982
Florida.....	54,643	31,938	Mississippi.....	11,785	(3)	Indiana.....	126,415	86,101
East South Central.....	170,285	114,642	West South Central.....	91,587	85,021	Illinois.....	215,597	242,533
Kentucky.....	36,071	29,722	Arkansas.....	2,994	1,198	Michigan.....	41,930	33,613
Tennessee.....	77,033	49,959	Louisiana.....	6,008	8,336	Wisconsin.....	73,516	70,376
Alabama.....	31,240	20,686	Oklahoma.....	8,731	14,834	West North Central.....	888,236	759,580
Mississippi.....	25,935	14,274	Texas.....	73,854	60,652	Minnesota.....	160,091	143,849
West South Central.....	260,760	198,459	Mountain.....	5,531	5,974	Iowa.....	384,003	311,763
Arkansas.....	14,092	4,779	Colorado.....	1,089	2,316	Missouri.....	111,471	101,317
Louisiana.....	15,314	9,144	Arizona.....	1,623	1,278	South Dakota.....	54,926	64,484
Oklahoma.....	47,902	42,959	Utah.....	1,606	1,205	Nebraska.....	107,266	80,604
Texas.....	183,452	141,576	Pacific.....	28,510	27,774	South Atlantic.....	142,620	131,619
Mountain.....	337,480	230,727	Washington.....	1,557	3,137	Maryland.....	26,832	29,721
Montana.....	10,696	5,044	Oregon.....	2,107	2,866	Virginia.....	45,007	33,682
Idaho.....	32,149	13,456	California.....	24,846	21,770	West Virginia.....	2,162	2,002
Wyoming.....	2,841	(3)	<b>Fresh lamb and mutton (20113):</b>			North Carolina.....	18,317	18,502
Colorado.....	215,588	160,568	United States, total:			South Carolina.....	6,339	6,505
New Mexico.....	11,059	6,297	1958.....	1305,161		Georgia.....	31,568	32,725
Arizona.....	24,492	14,604	1957.....	1303,875		Florida.....	10,033	8,163
Utah.....	34,684	25,452	1956.....	289,411		East South Central.....	104,781	86,967
Nevada.....	5,971	4,407	1955.....	289,828		Kentucky.....	33,555	31,779
			1954.....	295,071		Tennessee.....	47,610	37,288
			1947.....	284,057		West North Central.....	64,755	53,821
				1958 <sup>2</sup>	1954	Arkansas.....	5,940	3,380
Pacific.....	622,595	552,625	Middle Atlantic.....	48,479	54,393	Louisiana.....	1,732	2,372
Washington.....	73,044	58,132	New York.....	16,618	28,599	Oklahoma.....	16,702	14,400
Oregon.....	47,122	35,454	New Jersey.....	24,138	21,239	Texas.....	40,581	33,668
California.....	495,829	459,038	Pennsylvania.....	7,723	4,555			

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
Fresh pork (20114)--Continue Continued	1958 <sup>2</sup>	1954	Hides, skins, and pelts (20119)--Continued	1958 <sup>2</sup>	1954	Processed pork (20116 and 20136)--Continued	1958 <sup>2</sup>	1954
Mountain.....	43,606	30,992	Middle Atlantic.....	18,493	24,425	South Atlantic.....	157,977	153,782
Montana.....	4,834	3,283	New York.....	6,686	11,589	Maryland.....	41,280	40,542
Idaho.....	2,064	2,587	New Jersey.....	5,925	6,090	Virginia.....	35,235	37,176
Colorado.....	21,257	15,286	Pennsylvania.....	5,882	6,746	North Carolina.....	9,558	5,523
New Mexico.....	1,843	1,250	East North Central.....	43,250	50,539	South Carolina.....	8,979	7,591
Utah.....	8,827	5,528	Ohio.....	7,844	7,635	Georgia.....	33,962	34,559
Pacific.....	82,930	100,666	Indiana.....	5,493	5,676	Florida.....	24,010	17,891
Washington.....	17,108	13,990	Illinois.....	14,730	20,509	East South Central.....	89,014	62,452
Oregon.....	6,265	9,662	Michigan.....	7,994	7,647	Kentucky.....	19,205	16,375
California.....	59,557	77,013	Wisconsin.....	7,189	9,071	Tennessee.....	38,700	28,297
			West North Central.....	61,122	75,326	Alabama.....	19,057	14,009
Lard (20115):	Value of shipments		Minnesota.....	12,205	13,938	Mississippi.....	12,052	3,770
United States, total:			Iowa.....	16,606	19,179	West South Central.....	93,804	93,337
1958.....		331,970	Missouri.....	8,148	11,259	Louisiana.....	4,818	2,195
1957.....		359,858	Nebraska.....	12,849	15,238	Texas.....	60,380	60,157
1956.....		357,483	Kansas.....	6,720	10,912	Mountain.....	36,886	37,150
1955.....		334,245	South Atlantic.....	11,918	11,024	Montana.....	4,387	4,007
1954.....		367,140	Maryland.....	1,530	1,793	Colorado.....	14,724	17,980
1953.....		332,077	Virginia.....	2,779	2,136	Utah.....	8,719	8,904
1952.....		386,856	Georgia.....	3,234	3,086	Pacific.....	137,969	124,279
1951.....		533,103	Florida.....	1,983	1,964	Washington.....	22,885	18,650
1950.....		338,868	East South Central.....	9,976	9,136	Oregon.....	10,540	11,260
1947.....		445,890	Kentucky.....	1,624	1,858	California.....	104,544	94,368
New England.....	3,040	6,591	Tennessee.....	4,386	4,778	Sausage (20117 and 20137):	Value of shipments	
Massachusetts.....	1,273	4,553	Alabama.....	1,841	1,673	United States, total:		
Middle Atlantic.....	51,780	36,675	Mississippi.....	2,125	( <sup>2</sup> )	1958.....		1,526,214
New York.....	8,014	9,864	West South Central.....	18,449	20,261	1957.....		1,387,701
East North Central.....	79,771	105,224	Louisiana.....	1,432	1,102	1956.....		1,245,808
Ohio.....	15,492	17,918	Oklahoma.....	2,306	3,525	1955.....		1,217,647
Indiana.....	17,098	18,644	Texas.....	13,893	14,833	1954.....		1,187,096
Illinois.....	28,553	45,322	Mountain.....	11,553	10,157	1953.....		1,359,601
Michigan.....	4,061	4,264	Colorado.....	7,151	6,210	1952.....		1,410,375
Wisconsin.....	14,567	19,075	Utah.....	1,217	1,962	1951.....		1,391,890
West North Central.....	122,549	164,407	Pacific.....	17,816	21,510	1950.....		1,162,081
Minnesota.....	20,065	31,046	Washington.....	2,150	1,982	1947.....		961,654
Iowa.....	49,856	68,772	Oregon.....	1,365	1,798		1958 <sup>2</sup>	1954
Missouri.....	14,720	17,959	California.....	14,301	17,730	New England.....	82,157	64,873
Nebraska.....	15,944	17,524	Processed pork (20116 and 20136):	Value of shipments		Maine.....	2,967	3,280
Kansas.....	11,712	14,671	United States, total:			New Hampshire.....	3,044	2,305
South Atlantic.....	18,361	20,839	1958.....		1,821,724	Massachusetts.....	63,446	46,335
Maryland.....	4,515	5,550	1957.....		1,714,410	Connecticut.....	11,117	9,891
Virginia.....	5,375	4,161	1956.....		1,567,328	Middle Atlantic.....	290,909	220,219
North Carolina.....	1,414	1,678	1955.....		1,660,159	New York.....	120,767	95,380
Georgia.....	4,937	6,451	1954.....		1,847,332	New Jersey.....	46,067	31,624
East South Central.....	17,874	12,165	1953.....		1,920,950	Pennsylvania.....	124,075	93,214
Kentucky.....	4,397	3,880	1952.....		1,900,050	East North Central.....	429,782	370,096
Tennessee.....	10,103	5,987	1951.....		1,895,085	Ohio.....	96,288	82,266
West South Central.....	19,384	14,641	1950.....		1,653,293	Indiana.....	55,456	45,837
Texas.....	10,744	10,372	1947.....		1,472,875	Illinois.....	125,506	119,783
Mountain.....	5,853	6,502		1958 <sup>2</sup>	1954	Michigan.....	75,224	64,030
Colorado.....	2,528	3,509	New England.....	70,539	58,368	Wisconsin.....	77,308	58,180
Utah.....	1,104	1,353	Massachusetts.....	63,341	52,275	West North Central.....	240,392	192,329
Pacific.....	13,358	16,120	Connecticut.....	4,754	4,376	Minnesota.....	63,017	53,608
Washington.....	3,037	2,585	Middle Atlantic.....	241,643	226,353	Iowa.....	61,596	50,464
Oregon.....	860	1,229	New York.....	124,739	93,926	Missouri.....	40,805	30,575
California.....	9,461	12,305	New Jersey.....	39,732	46,520	Nebraska.....	27,713	26,424
Hides, skins, and pelts (20119):	Value of shipments		Pennsylvania.....	77,172	85,907	Kansas.....	29,747	19,892
United States, total:			East North Central.....	449,046	487,010	South Atlantic.....	157,749	112,995
1958.....		195,667	Ohio.....	99,837	96,971	Maryland.....	34,761	30,284
1957.....		243,895	Indiana.....	80,553	70,743	Virginia.....	22,648	15,335
1956.....		260,327	Illinois.....	168,348	215,917	West Virginia.....	4,841	3,149
1955.....		228,435	Michigan.....	39,482	24,570	North Carolina.....	17,927	14,024
1954.....		209,416	Wisconsin.....	60,826	78,808	South Carolina.....	11,287	8,083
1953.....		272,089	West North Central.....	544,846	604,600	Georgia.....	22,459	17,177
1952.....		239,515	Minnesota.....	99,650	117,568	Florida.....	28,384	15,083
1951.....		428,467	Iowa.....	211,076	242,204	East South Central.....	79,067	51,892
1950.....		343,202	Nebraska.....	75,888	75,564	Kentucky.....	21,525	14,222
1947.....		316,483	Kansas.....	63,222	64,786	Tennessee.....	29,044	22,546
	1958 <sup>2</sup>	1954				Alabama.....	17,352	9,419
New England.....	3,090	3,143				Mississippi.....	11,146	5,704
Massachusetts.....	1,709	1,955				West South Central.....	71,860	49,005
						Arkansas.....	6,059	6,059
						Louisiana.....	9,102	7,292
						Oklahoma.....	12,310	8,583
						Texas.....	43,875	27,071

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
	1958 <sup>2</sup>	1954		1958 <sup>2</sup>	1954		1958 <sup>2</sup>	1954
<b>Sausage (20117 and 20137)--Continued</b>			<b>Hens (or fowl) and other chickens (20151)--Continued</b>			<b>Turkeys (20153)--Continued</b>		
Mountain.....	31,387	22,254	New England.....	91,117	64,132	New England.....	803	1,755
Montana.....	2,670	2,489	Maine.....	52,638	30,747	Middle Atlantic.....	5,831	6,535
Idaho.....	3,950	2,069	Massachusetts.....	11,774	11,543	Pennsylvania.....	4,778	4,551
Colorado.....	14,686	9,792	Connecticut.....	15,374	13,668	East North Central.....	27,393	21,028
Utah.....	4,946	3,502	Middle Atlantic.....	77,469	75,391	Ohio.....	5,922	7,591
Pacific.....	142,911	103,432	New York.....	13,331	20,458	Indiana.....	10,302	3,476
Washington.....	17,957	12,940	New Jersey.....	9,216	7,046	Illinois.....	629	2,643
Oregon.....	10,095	7,928	Pennsylvania.....	54,922	47,885	Michigan.....	2,074	3,465
California.....	114,859	82,563	East North Central.....	85,407	88,627	Wisconsin.....	8,466	3,852
			Ohio.....	24,846	27,755	West North Central.....	94,095	55,977
<b>Canned meats, (20118 and 20138):</b>	Value of shipments		Indiana.....	23,928	21,882	Minnesota.....	43,309	17,456
United States, total:			Illinois.....	19,038	21,404	Iowa.....	20,083	19,193
1958.....	598,641		Michigan.....	3,835	9,244	Missouri.....	13,311	3,717
1957.....	595,639		Wisconsin.....	13,760	8,340	Nebraska.....	7,477	7,126
1956.....	590,340		West North Central.....	79,408	84,637	Kansas.....	7,090	4,489
1955.....	544,227		Minnesota.....	13,314	14,235	South Atlantic.....	30,143	35,972
1954.....	583,439		Iowa.....	9,965	20,506	Delaware.....	980	1,799
1953.....	579,138		Missouri.....	31,222	27,743	Virginia.....	17,476	17,428
1952.....	593,380		Nebraska.....	16,792	14,845	North Carolina.....	7,272	8,547
1951.....	676,477		Kansas.....	6,641	4,226	East South Central.....	1,801	1,406
1950.....	518,713		South Atlantic.....	458,442	320,758	West South Central.....	24,138	18,099
1947.....	406,151		Delaware.....	47,267	50,434	Arkansas.....	7,739	5,016
	1958 <sup>2</sup>		Maryland.....	60,580	54,336	Oklahoma.....	4,904	3,334
New England.....	21,129		Virginia.....	37,747	37,500	Texas.....	11,495	9,499
Massachusetts.....	19,173		West Virginia.....	5,376	7,067	Mountain.....	9,965	2,223
Middle Atlantic.....	34,989		North Carolina.....	94,236	43,203	Pacific.....	63,752	60,840
New York.....	20,947		South Carolina.....	7,131	2,777	Washington.....	3,117	4,737
East North Central.....	148,401		Georgia.....	194,566	120,281	Oregon.....	6,209	8,447
Illinois.....	109,791		Florida.....	11,539	5,087	California.....	54,426	47,655
West North Central.....	316,997		East South Central.....	149,042	83,629			
Minnesota.....	100,804		Alabama.....	71,427	35,167	<b>Liquid, dried, and frozen eggs (20156):</b>	Value of shipments	
Iowa.....	116,278		Mississippi.....	54,839	29,828	United States, total:		
Missouri.....	13,679		West South Central.....	175,883	112,923	1958.....	150,697	
Nebraska.....	52,741		Arkansas.....	73,103	40,152	1954.....	148,034	
South Atlantic.....	13,079		Louisiana.....	15,398	4,229	1953.....	187,422	
Virginia.....	4,042		Oklahoma.....	12,186	9,471	1952.....	150,178	
Georgia.....	5,263		Texas.....	75,196	59,069	1951.....	184,022	
East South Central.....	18,238		Mountain.....	5,874	5,222	1947.....	236,752	
Tennessee.....	2,878		Idaho.....	1,028	( <sup>a</sup> )		1958 <sup>2</sup>	1954
West South Central.....	36,966		Pacific.....	55,733	63,997	East North Central.....	35,315	28,778
Texas.....	32,359		Washington.....	15,675	10,339	Indiana.....	6,881	4,578
Mountain.....	2,117		Oregon.....	8,386	7,743	Illinois.....	17,187	17,395
Pacific.....	6,725		California.....	31,672	45,914	West North Central.....	101,244	97,825
				Value of shipments		Iowa.....	23,743	21,125
<b>Hens (or fowl) and other chickens (20151):</b>	Value of shipments		<b>Turkeys (20153):</b>			Missouri.....	32,929	40,768
United States, total:			United States, total:			South Dakota.....	6,901	5,854
1958.....	1,178,375		1958.....	257,921		Nebraska.....	14,202	13,559
1957.....	1,108,721		1957.....	242,892		Kansas.....	10,248	10,865
1956.....	1,087,010		1956.....	241,519				
1955.....	997,121		1955.....	221,104		South.....	8,608	15,192
1954.....	899,317		1954.....	203,836				
			1947.....	97,339				

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>1958 is not completely comparable with 1957 and prior years because of changes in product class definition. 1958 revisions eliminated product class 20134 (which amounted to \$50,152 thousand in 1954) and distributed it to 20111, 20112, 20113, and 20114. Also 1957 and prior years include shipments of fresh meat from prepared meat plants (SIC 2013) which did not slaughter. Such shipments are resales in 1958. Shipments of fresh meat from 2013 establishments amounted to \$260 million in 1954 and \$338 million in 1958.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20111, North Dakota, South Dakota, Delaware, and West Virginia; 20112, Vermont and South Carolina; 20113, Massachusetts, Missouri, North Dakota, Kansas, Maryland, Kentucky, Tennessee, Louisiana, Oklahoma, and Utah; 20114, Rhode Island, Connecticut, North Dakota, Kansas, Alabama, Mississippi, Wyoming, and Arizona; 20115, Connecticut, New Jersey, Pennsylvania, South Dakota, Alabama, Mississippi, Louisiana, and Oklahoma; 20119, North Dakota, South Dakota, North Carolina, and Idaho; 20136, New Hampshire, South Dakota, Delaware, District of Columbia, Arkansas, New Mexico, and Arizona; 20137, Rhode Island, North Dakota, South Dakota, Delaware, District of Columbia, New Mexico, and Arizona; 20138, New Jersey, Pennsylvania, Wisconsin, South Dakota, Kansas, Maryland, Florida, Kentucky, Mississippi, Oklahoma, Colorado, Washington, and California.

<sup>3</sup>Shipments of less than \$1 million reported.

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials	1958			1954			1958		1954			
		Number of head	Live weight (1,000 pounds)	Delivered cost (\$1,000)	Number of head	Live weight (1,000 pounds)	Delivered cost (\$1,000)	Live weight (1,000 pounds)	Delivered cost (\$1,000)	Number of head	Live weight (1,000 pounds)	Delivered cost (\$1,000)	
		INDUSTRY 2011—MEAT PACKING PLANTS						INDUSTRY 2013—PREPARED MEAT PRODUCTS					
	Materials, containers, and supplies, total..	xxx	xxx	9,828,002	xxx	xxx	8,458,758	xxx	1,418,567	xxx	xxx	1,074,672	
011511	Cattle.....	20,413,114	20,093,659	4,531,417	21,607,392	20,713,315	3,436,874	xxx	xxx	70,829	59,800	8,820	
011515	Calves.....	6,681,720	1,491,301	367,367	9,253,696	2,117,103	349,379	xxx	xxx	27,363	6,497	1,109	
011521	Sheep and lambs.....	13,552,320	1,348,326	285,392	15,350,381	1,487,799	282,253	xxx	xxx	8,429	824	184	
011525	Hogs.....	163,283,010	15,599,467	3,128,598	57,040,617	14,001,593	3,130,533	xxx	xxx	229,842	69,185	12,789	
	Fresh and frozen meats:		Weight (1,000 lbs.)						Weight (1,000 lbs.)				
201113	Beef.....	xxx	589,922	230,677	xxx	xxx		953,325	366,754	xxx	xxx		
201115	Veal.....	xxx	47,417	21,097	xxx	xxx		55,481	21,952	xxx	xxx		
201117	Lamb.....	xxx	18,388	7,616	xxx	xxx		53,019	19,983	xxx	xxx		
201119	Pork.....	xxx	787,030	274,344	xxx	xxx		1,151,717	410,121	xxx	xxx		
201131	Meat materials for sausage and canning, not separable by species.....	xxx	304,614	106,701	xxx	xxx		531,089	170,266	xxx	xxx		
201151	Processed pork—cured, smoked, etc.....	xxx	141,468	52,481	xxx	xxx	608,282	180,255	75,281	xxx	xxx	839,883	
201161	Other purchased meat materials (cured beef, cured lamb, goat meat, etc.)...	xxx	92,140	31,702	xxx	xxx		81,423	31,117	xxx	xxx		
201171	Hides, skins and pelts purchased.....	xxx	xxx	7,485	xxx	xxx		xxx	(2)	xxx	xxx		
201411	Animal casings purchased..	xxx	xxx	17,995	xxx	xxx		xxx	28,342	xxx	xxx		
970099	All other materials, ingredients, containers, packaging materials and supplies.....	xxx	xxx	392,699	xxx	xxx							
970000	Materials, nsk.....	xxx	xxx	372,431	xxx	xxx	651,437	xxx	114,642	xxx	xxx	211,887	
Code	Description of materials	Unit of measure	1958 <sup>3</sup>		1954 <sup>3</sup>								
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)							
	Materials, containers and supplies, total.....		xxx	1,503,499	xxx	1,045,403							
011531	Poultry killed:												
	Young chickens (includes commercial broilers).....	Live weight 1,000 pounds..	3,952,870	735,543	42,332,720	4565,352							
011533	Hens (or fowl) and other chickens.....	do.....	591,160	90,127	467,952	499,277							
011535	Turkeys.....	do.....	802,968	188,465	501,822	4148,468							
011539	Other poultry and small game (includes ducks, geese, rabbits, etc.).....	do.....	(NA)	6,597	xxx	13,201							
201511	Other materials used:												
	Dressed poultry purchased as such.....	Dressed weight 1,000 pounds..	225,680	55,016	(NA)	(NA)							
011541	Shell eggs.....	Case (30 doz.)..	16,286,963	149,058	46,606,704	469,429							
970000	All other materials, ingredients, containers and supplies, including those nsk.....		xxx	278,693	xxx	149,676							

NOTE: These statistics represent the year ending October 31 rather than calendar year since companies accounting for a high proportion of the total reported on a fiscal year ending October 31. The difference between calendar year and fiscal year slaughter is negligible. These figures differ from the U.S.D.A. estimates which were as follows (year ending October 31): Cattle 23,958,700, calves 9,739,100, sheep and lambs 14,116,500, hogs 70,937,700.

The differences arise from the following: (1) Small establishments classified in Industry 2011 receive short forms and are not required to report detailed materials used; (2) establishments classified in wholesale and retail trade and included in the Census of Business, for example locker plants, retail butcher shops, and wholesale meat jobbers; (3) custom slaughtering and contract work for which the establishments reported amount of contract receipts in the Census of Manufactures; (4) establishments with no paid employees which were excluded from census coverage; (5) and establishments not subject to Social Security payment such as municipal abattoirs.

NA Not available.

<sup>1</sup>In addition 862,686 head of cattle and 514,453 pigs were reported as slaughtered by small establishments which did not report any further detail on material used.

<sup>2</sup>Included in "All other material" Code 970099.

<sup>3</sup>Figures for 1954 and 1958 are not completely comparable because of changes in the Standard Industrial Classification Manual. The 1958 figures include data reported by a number of establishments which were classified in Industries 2033 and 2099 in 1954. See Introductory text.

<sup>4</sup>The following materials were used by plants classified in Industry 2099 in 1954 which are probably included in Industry 2015 in 1958:

Young chickens (code 011531) 38,372 thousand lbs. valued at \$8,742 thousand  
Hens (code 011533) 13,410 thousand lbs. valued at \$2,597 thousand  
Turkeys (code 011535) 14,192 thousand lbs. valued at \$3,857 thousand  
Shell eggs (code 011541) 9,168,367 thousand doz. valued at \$95,397



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Estab- lish- ments, number	All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new
			Number	Payroll  (\$1,000)	Number	Man-hours  (1,000)	Wages  (\$1,000)				
2011	MEAT PACKING PLANTS (entire industry)..	2,801	200,783	1,067,896	150,786	308,991	768,096	1,746,603	10,243,758	11,962,273	63,129
	Establishments with:										
	90% or more specialization.....	2,359	193,777	1,034,342	145,319	298,156	743,633	1,685,506	10,045,024	11,702,573	59,602
	75-89% specialization.....	32	3,792	20,608	2,787	5,893	14,394	36,214	132,077	168,656	789
20111	Fresh beef (primary product										
	class of estab.).....	1,257	111,539	602,326	83,472	173,137	432,699	987,225	6,673,256	7,650,538	34,654
	Establishments with:										
	90% or more specialization....	472	14,414	85,160	11,210	23,781	59,996	179,647	1,852,535	2,029,916	8,982
	75-89% specialization.....	185	4,281	21,703	3,246	6,709	15,119	46,826	360,735	406,836	3,143
20112	Fresh veal (primary product class										
	of estab.).....	98	2,838	13,268	2,148	4,619	9,355	31,218	172,908	203,582	1,834
	Establishments with:										
	90% or more specialization....	32	404	1,623	312	616	1,245	6,005	30,976	36,844	(1)
	75-89% specialization.....	15	161	700	136	250	510	2,930	5,734	8,662	(1)
20113	Fresh lamb and mutton (primary										
	product class of estab.).....	14	633	3,655	448	920	2,484	5,620	51,125	56,449	(1)
	Establishments with:										
	90% or more specialization....	4	77	339	56	105	246	507	1,257	1,756	(1)
	75-89% specialization.....	3	270	1,667	185	379	1,048	2,812	21,472	24,222	11
20114	Fresh pork (primary product class										
	of estab.).....	165	37,420	206,255	28,569	59,735	151,895	334,146	1,745,792	2,072,426	9,214
	Establishments with:										
	90% or more specialization....	25	1,209	6,537	964	1,944	4,521	12,260	139,159	151,534	(1)
	75-89% specialization.....	19	1,619	8,735	1,196	2,598	6,208	19,840	113,258	130,929	(1)
20116	Pork, processed in slaughtering										
	plants (primary product class										
	of estab.).....	48	19,311	100,470	14,109	28,276	69,637	141,207	679,557	819,552	5,453
20117	Sausage, made in slaughtering plants										
	(primary product class of estab.)..	140	14,955	72,184	10,909	22,821	46,209	110,616	431,419	540,246	4,553
	Establishments with:										
	90% or more specialization....	25	986	3,958	745	1,569	2,502	6,379	25,572	31,816	538
	75-89% specialization.....	11	533	2,072	362	771	1,163	4,355	13,435	17,719	127
2013	PREPARED MEAT PRODUCTS(entire industry)	1,494	48,586	236,915	36,460	74,096	161,807	442,058	1,636,222	2,066,257	17,028
	Establishments with:										
	90% or more specialization.....	1,413	45,605	223,233	34,217	69,448	152,194	406,343	1,513,649	1,909,433	15,806
	75-89% specialization.....	30	1,781	7,716	1,352	2,895	5,562	19,927	62,253	82,733	789
20136	Processed pork, not made in slaugh-										
	tering plants (primary product										
	class of estab.).....	154	10,798	53,930	8,375	17,669	38,526	98,043	473,788	569,392	2,324
	Establishments with:										
	90% or more specialization....	62	1,535	6,826	1,263	2,586	5,453	16,870	63,300	79,982	(1)
	75-89% specialization.....	21	1,651	8,077	1,386	2,913	6,167	14,515	85,613	98,815	(1)
20137	Sausage, not made in slaughtering										
	plants (primary product class										
	of estab.).....	681	23,802	118,781	17,248	35,173	78,856	205,335	629,901	829,693	9,495
	Establishments with:										
	90% or more specialization....	485	11,105	53,492	8,049	16,351	34,511	103,663	261,953	360,626	5,498
	75-89% specialization.....	74	3,881	19,211	2,811	5,706	13,345	30,935	101,646	132,313	1,512
20138	Canned meats, not made in slaught-										
	ering plants (primary product class										
	of estab.).....	68	4,079	18,601	3,171	6,226	12,830	52,427	144,618	194,252	907
	Establishments with:										
	90% or more specialization....	43	2,090	8,957	1,741	3,265	6,491	24,663	71,520	93,741	(1)
	75-89% specialization.....	13	1,226	5,668	914	1,912	3,823	17,680	42,295	60,515	(1)
2015	POULTRY DRESSING PLANTS (entire										
	industry).....	1,233	62,389	160,813	56,143	104,188	131,985	310,572	1,582,928	1,888,166	24,759
	Establishments with:										
	90% or more specialization.....	1,172	58,470	149,790	52,710	97,715	123,876	287,549	1,505,030	1,788,613	23,726
	75-89% specialization.....	17	1,302	3,739	1,088	2,156	2,462	6,402	22,623	28,315	(1)
20151	Hens (or fowl) and other chickens										
	(primary product class of estab.)..	674	42,268	110,450	38,014	72,738	91,149	207,674	1,096,856	1,302,047	15,204
	Establishments with:										
	90% or more specialization....	515	33,494	85,477	30,270	57,397	71,349	164,816	865,388	1,027,772	12,733
	75-89% specialization.....	83	3,575	9,779	3,112	6,074	7,517	17,799	88,908	105,968	981

See footnotes at end of table

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
20153	POULTRY DRESSING PLANTS (entire industry)—Continued										
	Turkeys (primary product class of estab.).....	108	7,608	19,412	6,917	11,801	15,776	36,614	217,921	250,723	3,660
	Establishments with:										
	90% or more specialization...	64	3,785	9,031	3,478	5,529	7,548	17,381	99,757	116,808	2,858
	75-89% specialization.....	20	1,595	4,418	1,441	2,662	3,539	8,041	56,953	63,373	( <sup>1</sup> )
20154	Canned poultry, except soups (primary product class of estab.)	13	1,940	5,831	1,807	3,426	4,794	9,867	20,434	30,297	(D)
	Establishments with:										
	90% or more specialization...	8	494	1,294	463	926	1,108	1,596	6,416	8,013	( <sup>1</sup> )
20155	Other poultry and small game (primary product class of estab.)	38	911	2,409	793	1,448	1,825	4,553	17,284	21,070	811
	Establishments with:										
	90% or more specialization...	22	310	830	260	441	574	1,996	8,055	9,823	( <sup>1</sup> )
	75-89% specialization.....	6	78	213	68	135	178	474	1,589	2,061	( <sup>1</sup> )
20156	Liquid, dried, and frozen eggs (primary product class of estab.)	82	4,844	12,104	4,366	7,638	9,318	34,727	137,782	171,709	1,316
	Establishments with:										
	90% or more specialization...	68	3,234	7,891	2,913	5,096	6,115	24,025	94,038	118,062	1,080

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.



## Dairy Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

2021—Creamery Butter  
2022—Natural Cheese  
2023—Condensed and Evaporated Milk  
2024—Ice Cream and Frozen Desserts  
2025—Special Dairy Products  
2026—Fluid Milk

Establishments in this group primarily engaged in: (1) manufacturing creamery butter; natural cheese; condensed and evaporated milk; ice cream and frozen desserts; and special dairy products, such as processed cheese and malted milk; and (2) processing (pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream for wholesale or retail distribution. Milk receiving stations primarily engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants are not included in this group.

The group is characterized by a considerable overlapping of production between industries; for example, plants which primarily bottle and distribute fluid milk, also produce considerable quantities of ice cream and butter. The 1957 revisions to the Standard Industrial Classification system were designed to partially reduce some of this overlapping, by transferring cottage cheese, flavored milk drinks, and buttermilk to the fluid milk industry. (See descriptions of the specific industries below.)

### 2021—Creamery Butter

This industry comprises establishments primarily engaged in manufacturing creamery butter.

Value of shipments and other receipts of the creamery butter industry in 1958 totaled \$1,023 million. This included shipments of butter (primary product), valued at \$640 million, shipments of other products (secondary products) valued at \$271 million, and miscellaneous receipts (mainly resales) of \$112 million.

This industry's shipments of butter (primary products) in 1958 represented 70 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 74 percent. Secondary products shipped by this industry in 1958 consisted mainly of other dairy products, valued at \$240 million, of which dry milk products and fluid milk and cream accounted for \$111 million and \$94 million, respectively.

Industry 2021 shipments of butter (primary products) in 1958 represented 80 percent (coverage ratio) of these products valued at \$802 million shipped by all industries. In 1954, the coverage ratio was 77 percent. Among the other industries shipping butter, (the most important were Industry 2026, Fluid Milk, \$100 million; and Industry 2023, Condensed and Evaporated Milk, \$33 million.

### 2022—Natural Cheese

This industry comprises establishments primarily engaged in manufacturing all types of natural cheese except cottage cheese, and which may produce processed cheese in the same establishment. Establishments primarily engaged in manufacturing processed cheese from purchased natural cheese are classified in Industry 2025, and cottage cheese in Industry 2026.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed somewhat in content. The 1957 revisions transferred cottage cheese from Industry 2022 to Industry 2026, Fluid Milk, and transferred processed cheese and cheese spreads made in integrated cheese plants from Industry 2025, Special Dairy Products to Industry 2022. As a result of these changes 95 establishments with 1,854 employees and value added of \$19,804 million were shifted to Industry 2026 from Industry 2022. The change in product classification for processed cheese had no appreciable effect on industry classification. Statistics on both the old and new bases are shown in tables 1, 2, and 2A.

The value of shipments and other receipts of the Natural Cheese Industry in 1958 totaled \$684 million, of which \$563 million consisted of natural and processed cheese (primary products). The remaining shipments consisted of \$68 million, other products (chiefly fluid milk and butter) and \$53 million miscellaneous receipts, of which \$43 million were resales.

The specialization and coverage ratios for this industry in 1958 were 89 percent and 94 percent respectively, indicating a high degree of comparability between general statistics (tables 1-4) and product statistics, table 6A. These ratios were 83 percent and 74 percent in 1954, indicating that the 1957 revisions to the Standard Industrial Classification system have produced a more homogeneous industry.

For some purposes, it is desirable to combine Industries 2022, Natural Cheese, and 2025, Special Dairy Products (entirely processed cheese made from purchased cheese). The value of shipments and other receipts of these combined industries was \$874 million, of which \$728 million was natural and processed cheese (primary products), and \$77 million was other products. The specialization ratio was 90 percent and the coverage ratio was 96 percent. (See table 5A.)

### 2023—Condensed and Evaporated Milk

This industry comprises establishments primarily engaged in manufacturing condensed and evaporated milk, and related products, including ice cream mix and ice milk mix made for sale as such.

Slight changes were made in the content of this industry as a result of the 1957 revisions to the Standard Industrial Classification Manual. The following products, formerly part of SIC 2025, Special Dairy Products, were transferred to Industry 2023: dry flavored milk products, malted milk



powder, and dry dietary supplements. As a result of these changes 24 establishments with 1,354 employees and value added of \$26,687 million were transferred into this industry. See tables 1, 2, and 2A for further information on the effect of these changes in industry definition.

Value of shipments and other receipts of the condensed and evaporated milk industry in 1958 totaled \$821 million. This included shipments of condensed and evaporated milk (primary products), valued at \$674 million, shipments of other products (secondary products) valued at \$129 million, and miscellaneous receipts (mainly resales) of \$17 million.

This industry's shipments of condensed and evaporated milk (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 82 percent. Secondary products shipped by this industry in 1958 consisted mainly of fluid milk, \$87 million; and butter, \$33 million.

Industry 2023 shipments of condensed and evaporated milk (primary products) in 1958 represented 69 percent (coverage ratio) of these products valued at \$978 million shipped by all industries. In 1954, the coverage ratio was 68 percent.

#### 2024—Ice Cream and Frozen Desserts

This industry comprises establishments primarily engaged in manufacturing ice cream and other frozen desserts.

Value of shipments and other receipts of the ice cream industry in 1958 totaled \$947 million. This included shipments of ice cream (primary products), valued at \$809 million, shipments of other products (secondary products) valued at \$49 million (chiefly fluid milk), and miscellaneous receipts (mainly resales) of \$88 million.

This industry's shipments of ice cream (primary products) in 1958 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 93 percent.

Industry 2024 shipments of ice cream (primary products) in 1958 represented 71 percent (coverage ratio) of these products valued at \$1,138 million shipped by all industries. In 1954, the coverage ratio was 70 percent. Industry 2026, Fluid Milk, with 1958 shipments of ice cream valued at \$303 million, accounted for the largest portion of the remaining 29 percent shipped by plants not classified in the ice cream industry.

#### 2025—Special Dairy Products

This industry comprises establishments primarily engaged in manufacturing special dairy products, such as processed cheese, cheese food, and cheese spread made from purchased natural cheese. Establishments primarily engaged in manufacturing natural cheese and processed cheese from natural cheese made in the same plant are classified in Industry 2022.

The definition of this industry was appreciably revised in the 1957 Standard Industrial Classification Manual, by the transfer of plastic cream, aerated cream, buttermilk, and flavored milk drinks from Industry 2025 to Industry 2026, Fluid Milk. As a result of these changes 70 establishments with 875 employees and value added of \$11,136 million shifted from Industry 2025 to Industry 2026.

Moreover, dry milk specialties such as malted milk powder, dry dietary supplements, and dry flavored milk drinks, were moved into Industry 2023, Condensed and Evaporated Milk. This revision moved 24 establishments out of Industry 2025 to Industry 2023 and involved 1,354 employees and value added of \$26,687 million.

The net result of these changes was to confine the scope of Industry 2025 to plants primarily making processed cheese and related products from purchased cheese. (See table 6A, Product Codes 2025211-2025219.)

Value of shipments and other receipts of the special dairy products industry in 1958 totaled \$189 million. This included shipments of processed cheese (primary products), valued at \$156 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts (mainly resales) of \$15 million.

This industry's shipments of processed cheese (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 56 percent; indicating that the 1957 Standard Industrial Classification revisions have created a more homogeneous industry.

Industry 2025 shipments of processed cheese (primary products) in 1958 represented 63 percent (coverage ratio) of these products valued at \$246 million shipped by all industries. Other industries shipping processed cheese (primary products) consisted mainly of Industry 2022, Natural Cheese, \$84 million.

In some respects it is preferable to consider Industries 2022, Natural Cheese, and 2025, Special Dairy Products, as a single industry. The value of shipments and other receipts of these industries combined totaled \$874 million, of which \$728 million consisted of natural and processed cheese products (primary) and \$77 million consisted of other products. Thus the specialization ratio would be 90 percent. The shipments of cheese from these industries consisted of 96 percent of the total natural and processed cheese shipped.

#### 2026—Fluid Milk

This industry comprises establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products.

The 1957 revisions to the Standard Industrial Classification Manual created a single industry for plants primarily processing fluid milk by merging the old SIC Industry 2026, Fluid Milk, and Industry 2027, Fluid Milk and Other Products.

More important, the 1957 revisions transferred into Industry 2026 cottage cheese from Industry 2022, Natural Cheese; aerated cream, plastic cream, buttermilk and other fermented milk, and flavored milk drinks from Industry 2025, Special Dairy Products. The net result of these changes was to shift 95 establishments with 1,854 employees to Industry 2026 from Industry 2022; 70 establishments with 875 employees from Industry 2025, 7 plants with 384 employees from Industry 2023, Condensed and Evaporated Milk, and 10 plants with 638 employees from Industry 2024, Ice Cream.

Value of shipments and other receipts of the fluid milk industry in 1958 totaled \$6,436 million. This included



shipments of fluid milk products (primary products), valued at \$5,320 million, shipments of other products (secondary products) valued at \$616 million, and miscellaneous receipts (mainly resales) of \$499 million.

This industry's shipments of fluid milk products (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 82 percent, indicating that the 1957 revisions to the SIC had produced a more homogeneous industry. Secondary products shipped by this industry in 1958 consisted mainly of ice cream, \$303 million, and creamery butter, \$100 million.

Industry 2026 shipments of fluid milk (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$5,601 million shipped by all industries. In 1954, the coverage ratio was 94 percent.

Prior to 1954, the Standard Industrial Classification system did not consider as manufacturing, plants which pasteurized or bottled fluid milk. Those which primarily engaged in home service distribution of fluid milk were classified in retail trade, whereas those distributing to other business firms were classified in wholesale trade. An amendment to the 1945 Standard Industrial Classification included fluid milk plants in manufacturing in time for the 1954 Economic Censuses.

While the 1954 Census of Manufactures was the first in which the amendment was effective, not all plants pasteurizing and bottling fluid milk were included and some establishments were included which belonged in retail trade. After the Census was completed, the 1954 data on shipments of bottled and packaged fluid milk were compared with data developed by the U. S. Department of Agriculture relating to nonfarm consumption of fluid milk. This comparison indicated that the Census of Manufactures figures represented about 75 percent of the total fluid milk produced for direct consumption.<sup>1</sup>

In 1954, as also in 1958, certain milk plants were excluded from the Census of Manufactures under the general definition of out-of-scope activities, e.g. (1) plants with no paid employees; (2) plants operated by educational, eleemosynary, and penal institutions; (3) plants which were incidental to farming. These exclusions probably affected commercial milk shipments only slightly. Of more importance is the fact that in 1954 a significant but undetermined number of plants were included in the Census of Business as retail trade establishments.

The Census mailing lists for both Censuses were developed primarily from the information contained in the company classification files of the Bureau of Old Age and Survivors Insurance. This file classified retail milk dealers in old SIC 5452, a nonmanufacturing classification. Although in 1954 supplementary lists from trade sources

were used to identify some of these plants as manufacturing, a large number of milk bottling plants were mailed Census of Business forms and were not included in the manufacturing statistics. A post-census check of reports of retail milk dealers and retail milk stores indicated that a substantial number were also pasteurizing or bottling milk.

On the other hand, the Census of Manufactures included a sizable number of small establishments (especially in old SIC 2026, Fluid Milk Only), which were not bottlers but merely distributors (bob-tailers) of milk bottled by other dairy operators. This type of misclassification had a far greater effect on the establishment counts for Industry 2026 than it had on the reported shipments of fluid milk.

In 1958 attempts were made to correct some of these weaknesses. All establishments in Census or Bureau of Old Age and Survivors Insurance files under old SIC 5452 were mailed Census of Manufactures report forms and excluded from the Census of Manufactures only if they clearly indicated that they were not pasteurizing or bottling. In addition, lists of dairy plants were secured from state regulatory agencies which compiled official lists and from various private sources for those states for which official lists were not obtainable. These lists were checked against Census files, and dairy manufactures forms were mailed to all such establishments. Although the returns from these establishments indicated that many were already included in the Census under other names, several hundred small dairy plants were added. Also, the 1958 Census of Business forms and procedures for dairy stores were designed to identify retailer establishments which were also bottling, and if bottling was their primary activity they were transferred to the Census of Manufactures.

At the same time these efforts were made to enlarge the coverage of pasteurizing and bottling plants, a successful effort was made to exclude from manufacturing bob-tailers, who distributed but did not pasteurize or bottle fluid milk, and producer-distributors (plants which bottled and distributed milk produced exclusively by their own herds).

The net effect of these actions was to include in Industry 2026 in 1958 larger operators who had been classified in the Census of Business in 1954 and to exclude smaller distributors who had been included erroneously in manufacturing. A comparison with the U. S. Department of Agriculture's estimates of non-farm consumption of fluid milk indicates that Census of Manufactures coverage of fluid milk production increased from about 75 percent in 1954 to 85-90 percent in 1958.<sup>1</sup>

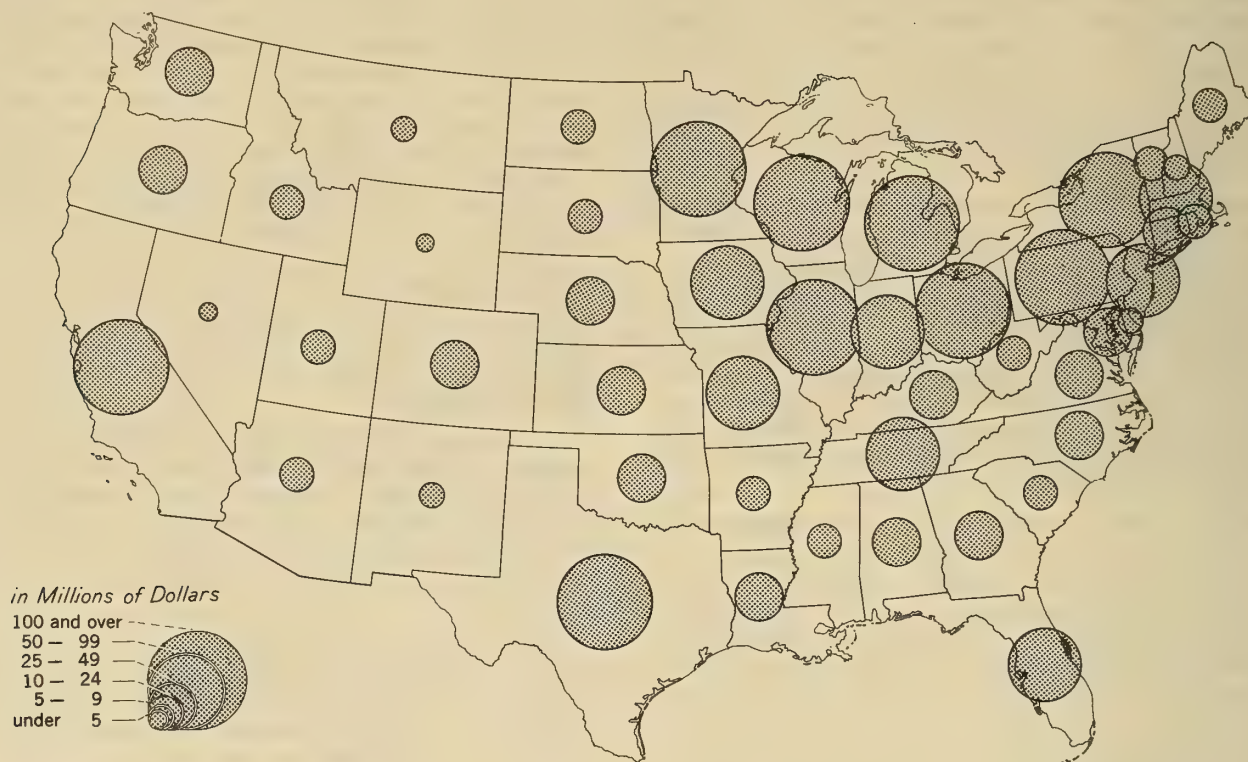
Because of the changes in coverage between the two Census years, the comparability of the figures is affected and caution should be observed in evaluating the industry growth between 1954 and 1958.

<sup>1</sup> On the assumption that about 10 percent of the USDA total estimate represents marginal production outside the scope of the Census of Manufactures, it would appear that the Census coverage of its defined objective (i.e. coverage of all milk processing the SIC manufacturing sector) was 85-90 percent complete in 1954 and 95-100 percent in 1958.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## DAIRY PRODUCTS: SIC 202

Value Added by Manufacture by State: 1958



Includes Industries 2021, 2022, 2023, 2024, 2025 and 2026. See Table 2.

Bureau of the Census. M-58D202



## DAIRY PRODUCTS

20B-5

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>2</sup>	Capital expend- itures, new	Spec- ial- ization ratio <sup>4</sup> (per- cent)	Cov- er- age <sup>5</sup> ratio (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2021 (old SIC 2021)	Creamery butter:														
	1958.....	990	1,058	228	17,295	62,875	12,294	25,561	42,314	147,207	875,257	1,023,460	15,309	70	80
	1954.....	1,172	1,262	248	21,019	65,601	15,060	32,756	42,920	142,399	867,155	1,013,797	13,566	74	77
	1947 <sup>6</sup> .....	1,482	1,904	(NA)	27,109	59,013	19,746	(NA)	41,323	138,217	867,673	1,005,890	(NA)	79	84
2022 (old SIC 2022)	Natural cheese:														
	1958 (new) <sup>7</sup> .....	1,026	1,203	160	13,461	49,389	11,152	22,710	39,092	109,098	578,182	684,248	12,884	89	94
	1958 (old) <sup>7</sup> .....	(NA)	1,290	184	15,205	57,067	12,520	26,628	44,590	126,753	619,601	763,613	13,940	76	73
	1954.....	1,220	1,419	182	13,914	42,363	11,343	25,672	32,826	91,816	489,392	580,584	9,317	83	74
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,426	34,560	9,501	20,577	27,234	81,601	434,367	515,968	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,226	30,284	11,110	25,831	25,599	74,281	380,415	454,696	(NA)	(NA)	(NA)
	1947 (comparable with 1950-1958 old basis) <sup>9</sup> .....	1,313	1,738	(NA)	12,752	28,514	10,836	24,975	23,687	65,062	404,065	469,127	(NA)	(NA)	(NA)
	1947 (comparable with earlier years) <sup>9</sup> .....	(NA)	1,811	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	67,000	417,000	484,000	(NA)	(NA)	(NA)
	1939.....	(NA)	2,682	(NA)	6,152	6,788	5,009	(NA)	5,156	16,767	91,440	108,207	(NA)	(NA)	(NA)
	1937.....	(NA)	2,567	(NA)	5,107	5,274	4,482	(NA)	4,359	17,114	95,672	112,786	(NA)	(NA)	(NA)
	1935.....	(NA)	2,573	(NA)	5,052	4,890	4,344	(NA)	3,936	14,828	84,122	98,950	(NA)	(NA)	(NA)
	1931.....	(NA)	2,371	(NA)	(NA)	(NA)	2,964	(NA)	3,564	13,991	54,081	68,072	(NA)	(NA)	(NA)
	1929.....	(NA)	2,758	(NA)	4,262	5,447	3,401	(NA)	4,588	17,918	92,727	110,645	(NA)	(NA)	(NA)
	1927.....	(NA)	2,738	(NA)	4,355	5,666	3,250	(NA)	4,897	17,660	100,788	118,448	(NA)	(NA)	(NA)
	1925.....	(NA)	2,935	(NA)	4,128	4,830	3,398	(NA)	4,320	15,109	103,569	118,678	(NA)	(NA)	(NA)
	1921.....	(NA)	2,789	(NA)	4,125	4,969	3,498	(NA)	4,424	12,762	69,118	81,880	(NA)	(NA)	(NA)
	1919.....	(NA)	3,530	(NA)	4,593	5,859	3,997	(NA)	4,809	14,031	129,425	143,456	(NA)	(NA)	(NA)
	1914.....	(NA)	3,082	(NA)	3,234	2,274	2,908	(NA)	2,066	4,986	46,759	51,745	(NA)	(NA)	(NA)
	1909.....	(NA)	3,560	(NA)	3,016	1,825	2,704	(NA)	1,670	5,241	39,022	44,263	(NA)	(NA)	(NA)
	1904 <sup>10</sup> .....	(NA)	3,610	(NA)	2,829	1,531	2,652	(NA)	1,494	3,881	25,257	29,138	(NA)	(NA)	(NA)
2023 (old SIC 2023)	Condensed and evaporated milk:														
	1958 (new).....	161	313	202	13,445	61,443	10,758	23,237	46,547	202,709	613,743	820,649	12,746	84	69
	1958 (old).....	(NA)	296	194	12,495	56,852	9,941	21,677	42,913	180,372	599,796	784,377	12,183	(NA)	(NA)
	1954 <sup>9</sup> .....	166	359	192	13,310	50,513	10,900	24,583	39,338	165,295	531,023	703,298	25,733	82	68
	1947.....	182	451	(NA)	18,250	47,352	15,028	33,711	37,639	156,739	624,656	781,395	(NA)	(NA)	(NA)
	1939.....	(NA)	562	(NA)	12,392	15,916	9,705	(NA)	11,234	46,233	163,523	209,756	(NA)	(NA)	(NA)
	1937.....	(NA)	601	(NA)	10,743	13,251	8,967	(NA)	9,964	44,112	166,606	210,718	(NA)	(NA)	(NA)
	1935.....	(NA)	467	(NA)	9,891	10,913	8,458	(NA)	8,319	40,544	130,945	171,489	(NA)	(NA)	(NA)
	1933.....	(NA)	436	(NA)	7,338	7,758	6,331	(NA)	6,100	34,388	96,698	131,086	(NA)	(NA)	(NA)
	1931.....	(NA)	485	(NA)	(NA)	(NA)	6,121	(NA)	7,256	39,201	109,397	148,598	(NA)	(NA)	(NA)
	1929.....	(NA)	535	(NA)	8,498	11,681	7,065	(NA)	8,796	45,323	163,787	209,110	(NA)	(NA)	(NA)
	1927.....	(NA)	464	(NA)	8,742	11,757	7,390	(NA)	9,191	40,406	159,680	200,086	(NA)	(NA)	(NA)
	1925.....	(NA)	402	(NA)	8,385	10,629	7,118	(NA)	8,391	31,206	140,041	171,247	(NA)	(NA)	(NA)
	1923.....	(NA)	378	(NA)	(NA)	(NA)	8,293	(NA)	10,126	33,115	153,996	187,111	(NA)	(NA)	(NA)
	1921.....	(NA)	382	(NA)	12,268	15,911	9,462	(NA)	10,349	44,312	132,525	176,837	(NA)	(NA)	(NA)
	1919.....	(NA)	401	(NA)	16,487	19,924	13,675	(NA)	14,278	56,912	282,595	339,507	(NA)	(NA)	(NA)
	1914.....	(NA)	190	(NA)	7,579	5,613	6,002	(NA)	3,662	13,441	55,720	69,161	(NA)	(NA)	(NA)
	1909.....	(NA)	136	(NA)	4,946	3,156	4,164	(NA)	2,170	8,417	26,878	35,295	(NA)	(NA)	(NA)
	1904 <sup>10</sup> .....	(NA)	81	(NA)	3,688	1,876	3,375	(NA)	1,513	4,151	16,373	20,524	(NA)	(NA)	(NA)
2024 (old SIC 2024)	Ice cream and frozen desserts:														
	1958.....	1,167	1,382	454	34,562	153,042	18,583	37,511	72,172	393,037	553,924	946,504	26,057	94	71
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,357	151,324	20,652	40,376	71,667	371,250	(NA)	842,598	30,795	95	73
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,222	140,513	20,412	41,477	66,285	345,483	(NA)	780,184	26,774	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,537	133,778	20,798	42,574	64,791	340,147	422,373	751,281	25,527	93	70
	1954 <sup>9</sup> .....	1,375	1,587	477	36,488	134,171	20,982	42,422	64,193	335,430	437,073	773,491	25,733	93	70
	1947.....	1,273	1,690	(NA)	46,657	119,259	29,272	52,779	66,082	279,724	492,777	772,501	(NA)	90	87

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expend- itures, new	Special- ization ratio <sup>4</sup>	Cov- erage <sup>5</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2025 (old SIC 2025)	Special dairy products:														
	1958 (new).....	97	107	35	3,571	13,600	2,968	5,775	10,746	23,923	165,468	189,366	1,509	90	97
	1958 (old).....	(NA)	203	55	5,714	23,762	4,509	9,163	17,178	60,585	210,097	272,544	3,577	77	33
	1954.....	162	187	61	7,300	26,595	5,847	11,701	20,050	53,015	283,460	341,590	5,776	90	56
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	5,812	22,860	4,909	10,180	18,009	58,514	231,671	290,185	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	5,692	20,875	5,417	11,509	18,536	54,408	277,712	332,120	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,528	22,094	6,221	12,981	19,927	50,622	280,711	331,333	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,068	22,153	7,646	15,912	20,130	53,461	220,770	274,231	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,278	18,192	5,673	13,263	15,405	49,434	221,454	270,888	(NA)	(NA)	(NA)
	1947.....	97	139	65	7,496	18,770	6,228	13,377	14,107	48,429	244,671	293,100	(NA)	(NA)	(NA)
	1939.....	(NA)	51	(NA)	3,085	3,800	2,378	(NA)	2,427	7,185	50,384	57,569	(NA)	(NA)	(NA)
	1937 <sup>11</sup> .....	(NA)	34	(NA)	(NA)	(NA)	1,911	(NA)	2,017	7,306	45,217	52,523	(NA)	(NA)	(NA)
2026	Fluid milk:														
	1958.....	5,157	5,816	2,236	211,468	1,005,677	86,279	182,316	369,306	1,990,805	4,421,074	6,412,333	132,466	90	95
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	203,443	901,630	88,662	189,888	335,704	1,861,917	3,585,949	5,409,306	110,934	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	206,221	864,507	91,609	195,591	330,273	1,732,764	3,521,362	5,209,480	117,109	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	201,144	823,468	91,975	198,308	320,575	1,607,976	3,283,187	4,586,750	109,993	(NA)	(NA)
	1954 <sup>12</sup> .....	6,250	6,689	2,011	191,397	767,045	89,061	(1 <sup>a</sup> )	307,834	1,514,589	3,351,106	4,866,448	98,910	82	94
	1948 <sup>14</sup> .....	(NA)	6,616	(NA)	149,082	472,886	(NA)	(NA)	(NA)	(NA)	(NA)	3,704,003	(NA)	(NA)	(NA)

NA Not available. <sup>R</sup>Revised.<sup>S</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimates or on the basis of a consistency review.<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for years prior to 1935 do not include cost of contract work. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding values of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)	Cost of Materials, etc. (\$1,000)		Value of shipments (\$1,000)	
		1958	1954	1958	1954
2021	136,953	792,141	789,465	936,196	926,414
2022	88,716	536,782	462,443	640,864	551,159
2023	170,566	597,835	517,646	803,917	688,212
2024	327,898	483,635	399,534	861,515	727,433
2025	56,965	150,822	238,372	174,205	295,337
2026	1,467,778	4,018,434	3,111,123	5,961,467	4,586,750

<sup>a</sup>Industries 2026 and 2027 combined for 1954.<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.<sup>6</sup>1947 data have been retabulated to conform with the 1954 definition of the industry. The statistics previously published for 1939 and earlier years are not comparable with 1947 and 1954. See footnote 9.<sup>7</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text.<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.<sup>9</sup>Prior to 1954 dairy plants were not treated statistically as one group. The 1947 Census excluded from manufacturing dairy plants which manufactured dairy products (butter, cheese, ice cream, etc.) if these plants also distributed fluid milk at retail. Although such plants were considered "nonmanufacturing," supplemental information on their operations was secured and tabulated separately. 1954 Census dairy industries were defined to include fluid milk plants and the 1947 data were retabulated to conform to the 1954 definitions. For some industries the change in definitions did not affect comparability of the 1954 data with the Annual Survey of Manufactures data for 1949-1953, which was based on 1947 definitions. However, comparable annual survey of manufactures figures for Industry 2021 could not be developed; the figures for Industry 2023 and Industry 2024 for 1949-1953 are not comparable either to the old 1947 data nor to the retabulated 1947 data.<sup>10</sup>Prior to 1904, "Creamery butter," "Natural cheese," and "Concentrated milk" were combined in one industry.<sup>11</sup>Special dairy products were formerly classified in "Food preparations, nec." Separate figures are, therefore, not available for years prior to 1937.<sup>12</sup>For Industry 2026, the 1954 coverage of fluid milk bottling differed from the 1958 coverage, and consequently the figures for the two years are not completely comparable. The differences in coverage are discussed in the introductory text.<sup>13</sup>Not shown because of the inclusion of large number of small establishments for which man-hours data were not obtained.<sup>14</sup>Data from 1948 Census of Business; includes establishments formerly classified as "Dairy products distributors." "Dairy-poultry products distributors," and "Retail milk dealers." Plants with no paid employees are excluded.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2021	Creamery butter, total.....	1,058	228	17,295	62,875	12,294	25,561	42,314	147,207	1,023,460	15,309	21,019	136,953	27,109
	Northeast.....	30	11	548	2,173	329	649	1,233	5,079	25,244	(2)	1,153	6,977	(D)
	New York.....	10	4	203	811	140	280	454	2,513	9,746	125	742	4,485	506
	East North Central	189	73	5,023	19,751	3,515	7,408	13,158	38,037	334,676	4,584	5,739	44,433	6,542
	Ohio.....	18	11	697	2,764	409	877	1,522	6,401	38,575	(2)	1,251	9,800	1,656
	Indiana.....	11	6	339	996	257	418	704	2,248	13,738	(2)	375	2,158	969
	Illinois.....	25	9	734	3,316	406	1,041	1,759	3,602	40,461	(2)	774	5,926	1,292
	Michigan.....	32	8	422	1,594	303	654	1,148	2,503	24,259	(2)	727	4,809	899
	Wisconsin.....	103	42	2,831	11,081	2,140	4,418	8,025	23,283	217,643	3,751	2,610	21,738	1,726
	West North Central	725	111	9,404	32,298	6,869	14,303	22,489	84,967	540,202	9,112	10,370	62,192	13,679
	Minnesota.....	333	40	3,716	12,516	2,816	5,787	9,313	32,404	228,659	3,967	3,218	19,091	4,469
	Iowa.....	207	25	2,250	7,702	1,690	3,532	5,423	19,332	126,140	2,653	2,387	12,787	3,010
	Missouri.....	21	9	917	3,435	664	1,446	2,373	7,080	53,354	510	1,221	7,860	1,023
	North Dakota.....	67	11	870	3,033	583	1,257	1,971	9,294	43,196	531	972	5,388	1,296
	South Dakota.....	44	10	570	1,730	427	856	1,189	5,757	25,942	(2)	504	3,120	567
	Nebraska.....	36	11	733	2,704	421	950	1,443	8,214	46,059	553	1,017	8,277	1,569
	Kansas.....	17	5	348	1,178	268	475	777	2,886	16,852	539	1,050	5,666	1,745
	South Atlantic.....	15	3	162	501	85	172	238	963	4,812	(2)	357	2,088	(D)
	East South Central	9	7	551	2,006	374	692	1,120	4,433	27,786	195	978	5,264	(D)
	West South Central	16	4	298	1,041	173	382	513	2,828	13,548	307	660	4,279	(D)
	Oklahoma.....	9	2	210	836	108	268	380	2,352	10,674	255	422	2,838	979
	Mountain.....	46	11	817	3,047	613	1,299	2,109	7,452	50,159	631	840	5,778	1,423
	Montana.....	17	1	115	337	85	157	249	1,253	3,146	34	166	779	307
	Idaho.....	12	7	505	1,921	386	858	1,383	4,335	32,626	517	385	2,241	578
	Colorado.....	9	2	117	502	77	148	270	1,219	9,122	44	137	1,363	241
	Pacific.....	28	8	492	2,058	336	656	1,454	3,448	27,033	174	919	5,940	1,991
	Washington.....	10	3	245	1,022	149	300	650	1,477	12,568	55	162	621	822
	Oregon.....	10	1	82	307	64	115	248	548	2,978	22	264	1,781	624
	California.....	8	4	165	729	123	241	556	1,423	11,487	97	492	3,538	545
2022	Natural cheese, total.....	1,203	160	13,461	49,389	11,152	22,710	39,092	109,098	684,248	12,884	(3)	(3)	(3)
	New England.....	19	7	345	1,178	275	499	900	3,095	11,126	219	(3)	(3)	(3)
	Middle Atlantic.....	r64	14	1,020	3,679	857	1,718	2,964	7,414	41,134	539	(3)	(3)	(3)
	New York.....	r47	12	854	3,114	714	1,456	2,467	6,179	36,523	481	(3)	(3)	(3)
	North Central.....	r989	99	9,764	35,765	8,192	16,693	28,782	80,661	533,294	11,133	(3)	(3)	(3)
	Wisconsin.....	r738	41	5,669	19,309	4,815	9,210	15,990	50,922	313,118	6,503	(3)	(3)	(3)
	Minnesota.....	20	8	496	2,278	408	940	1,730	5,436	29,036	420	(3)	(3)	(3)
	Missouri.....	35	12	1,012	4,403	850	1,981	3,601	5,402	84,354	486	(3)	(3)	(3)
	Kansas.....	12	1	134	424	113	244	354	978	5,395	20	(3)	(3)	(3)
	South Atlantic.....	7	1	64	275	54	116	212	484	3,109	54	(3)	(3)	(3)
	East South Central	44	22	1,116	4,016	836	1,820	2,800	8,552	47,848	483	(3)	(3)	(3)
	West South Central	13	4	271	1,006	224	446	772	1,822	11,327	39	(3)	(3)	(3)
	Mountain.....	30	6	369	1,284	297	630	986	3,237	15,203	130	(3)	(3)	(3)
	Idaho.....	19	4	211	883	179	403	699	2,343	10,575	92	(3)	(3)	(3)
	Pacific.....	37	7	512	2,186	417	788	1,676	3,833	21,207	287	(3)	(3)	(3)
	California.....	11	4	219	1,082	174	374	793	1,544	9,171	84	(3)	(3)	(3)
2023	Condensed and evaporated milk, total.....	313	202	13,445	61,443	10,758	23,237	46,547	202,709	820,649	12,746	(3)	(3)	(3)
	Northeast.....	49	26	1,322	5,643	1,093	2,338	4,440	17,095	76,358	1,358	(3)	(3)	(3)
	New York.....	31	17	867	3,703	727	1,545	2,908	10,283	43,265	(2)	(3)	(3)	(3)
	East North Central	122	86	6,275	29,922	4,967	10,649	22,173	98,736	376,518	5,269	(3)	(3)	(3)
	Indiana.....	9	6	382	1,660	306	654	1,246	4,697	21,909	(2)	(3)	(3)	(3)
	Wisconsin.....	52	34	2,599	11,921	2,166	4,609	9,593	40,507	166,497	1,111	(3)	(3)	(3)
	West North Central	55	40	2,391	10,209	1,954	4,249	7,955	24,698	131,865	3,683	(3)	(3)	(3)
	Minnesota.....	35	27	1,503	6,322	1,278	2,757	5,196	13,122	80,688	1,813	(3)	(3)	(3)
	Iowa.....	8	4	208	856	170	360	629	1,724	15,465	(D)	(3)	(3)	(3)
	Missouri.....	8	5	384	1,811	304	715	1,331	7,440	24,322	(2)	(3)	(3)	(3)
	South Atlantic.....	20	11	695	3,021	575	1,282	2,393	14,494	53,023	(2)	(3)	(3)	(3)
	Virginia.....	4	4	248	1,058	202	424	809	4,942	16,715	(2)	(3)	(3)	(3)
	East South Central	21	12	1,173	5,221	956	2,115	4,092	25,499	86,054	1,166	(3)	(3)	(3)
	Tennessee.....	8	4	472	2,127	386	868	1,688	9,523	34,557	(2)	(3)	(3)	(3)
	West South Central	10	7	290	1,226	177	387	740	3,993	16,933	(2)	(3)	(3)	(3)
	Mountain.....	11	6	388	1,586	311	654	1,188	5,452	22,188	(2)	(3)	(3)	(3)
	Pacific.....	25	14	911	4,615	725	1,563	3,566	12,742	57,710	586	(3)	(3)	(3)
	California.....	15	10	688	3,398	557	1,162	2,656	8,704	42,453	(2)	(3)	(3)	(3)
2024	Ice cream and frozen desserts, total.....	1,382	454	34,562	153,042	18,583	37,511	72,172	393,037	946,504	26,057	36,488	327,898	46,657
	New England.....	113	33	2,581	10,770	1,412	2,853	5,152	36,381	88,376	1,757	2,790	25,876	3,126
	Maine.....	8	3	246	1,013	132	266	439	5,029	10,364	298	289	2,348	346
	Massachusetts.....	57	22	1,634	6,837	887	1,797	3,243	21,513	55,792	846	1,560	13,603	1,794
	Connecticut.....	22	4	379	1,794	193	407	904	6,080	13,007	245	454	5,128	484

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Ice cream and frozen desserts—Continued Middle Atlantic...	255	89	9,050	45,197	5,016	9,855	22,514	118,707	257,125	7,603	10,291	107,495	10,328
	New York.....	119	42	3,593	19,322	2,013	4,054	9,634	52,657	113,375	4,344	4,412	48,856	4,654
	New Jersey.....	33	12	1,168	6,608	643	1,274	2,954	15,936	34,955	871	1,218	11,423	958
	Pennsylvania....	103	35	4,289	19,267	2,360	4,527	9,926	50,114	108,795	2,388	4,660	47,215	4,616
	East North Central	335	106	6,695	31,402	3,628	7,275	14,021	74,579	184,121	5,203	7,696	66,188	11,021
	Ohio.....	82	30	1,733	8,298	943	1,888	3,668	20,186	47,675	1,405	1,858	16,214	3,361
	Indiana.....	49	12	832	3,528	445	940	1,536	9,461	23,783	816	957	8,485	1,576
	Illinois.....	82	33	2,224	10,636	1,181	2,399	4,742	23,287	59,860	1,641	2,188	19,279	2,963
	Michigan.....	74	22	1,221	5,906	704	1,353	2,792	14,213	33,944	663	1,462	14,771	1,743
	Wisconsin.....	48	9	685	3,034	355	695	1,283	7,432	18,859	678	1,230	7,437	1,378
	West North Central	<sup>r</sup> 153	44	3,119	13,269	1,642	3,428	6,252	28,225	75,145	2,670	3,354	27,899	4,393
	Iowa.....	45	14	924	3,375	506	1,093	1,830	7,655	18,027	893	773	8,062	798
	Missouri.....	35	13	814	3,645	386	792	1,452	7,558	19,815	378	806	7,009	1,090
	Nebraska.....	10	3	356	1,478	196	417	745	3,697	11,685	775	476	3,021	336
	Kansas.....	28	3	279	1,079	164	317	551	2,640	6,366	205	270	2,220	643
	South and West....	<sup>r</sup> 526	182	13,117	52,404	6,885	14,100	24,233	135,145	341,737	8,824	12,354	100,436	17,889
	Maryland.....	21	11	779	3,200	431	993	1,470	8,592	22,643	311	775	7,539	853
	District of Columbia.....	5	5	449	1,878	199	423	652	5,466	11,966	228	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	Virginia.....	17	7	743	2,687	298	646	1,006	7,236	16,321	468	509	4,440	924
	West Virginia....	8	4	184	747	117	267	403	3,096	6,640	143	242	2,899	498
	South Carolina....	8	5	309	1,152	133	296	385	2,458	7,739	126	275	1,846	397
	Georgia.....	19	6	400	1,324	236	466	581	3,144	7,619	157	454	4,917	967
	Florida.....	22	8	1,224	4,014	454	1,032	1,617	14,900	34,116	940	852	8,474	661
	Kentucky.....	18	5	262	1,099	130	270	403	2,467	5,621	300	233	1,674	330
	Tennessee.....	<sup>r</sup> 39	19	966	3,649	563	1,217	1,811	9,755	23,533	1,289	772	6,510	1,141
	Mississippi.....	<sup>r</sup> 12	5	281	790	131	233	349	1,757	3,785	149	408	2,129	375
	Arkansas.....	16	4	239	844	118	250	394	2,059	4,657	191	242	1,655	321
	Louisiana.....	23	9	646	2,404	318	673	981	6,075	11,864	431	528	4,098	595
	Texas.....	69	22	1,416	4,825	745	1,469	2,191	10,122	26,376	696	1,169	9,194	1,629
	Montana.....	11	2	170	629	90	174	258	922	5,106	27	188	845	173
	Utah.....	13	5	257	824	166	265	416	2,525	6,048	143	278	1,465	354
	Washington.....	17	4	189	994	124	225	552	3,126	8,331	298	294	3,089	441
	California.....	90	27	2,337	12,371	1,379	2,645	6,487	25,634	77,196	1,336	2,193	16,392	2,710
2025	Special dairy products, total....	107	35	3,571	13,600	2,968	5,775	10,746	23,923	189,366	1,509	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Northeast.....	34	8	666	2,417	512	1,004	1,778	6,890	33,963	290	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	New York.....	15	3	249	870	200	389	694	3,028	9,141	175	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	North Central.....	48	22	2,402	8,975	2,005	3,852	7,009	13,072	121,314	733	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Wisconsin.....	22	10	894	3,420	772	1,595	2,663	4,133	43,860	227	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Missouri.....	5	4	322	1,067	222	417	586	2,150	16,096	49	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	South and West....	25	5	505	2,208	451	919	1,959	3,961	34,089	486	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2026	Fluid milk, total....	<sup>r</sup> 5,816	<sup>r</sup> 2,236	<sup>r</sup> 211,468	<sup>r</sup> 1,005,677	<sup>r</sup> 86,279	<sup>r</sup> 182,316	<sup>r</sup> 369,306	<sup>r</sup> 1,990,805	<sup>r</sup> 6,412,333	<sup>r</sup> 132,466	191,397	1,475,638	(NA)
	New England.....	728	173	15,942	70,625	6,173	12,536	24,734	127,517	438,253	9,643	16,240	112,865	(NA)
	Vermont.....	56	9	784	3,240	467	1,064	1,954	7,214	41,125	496	836	6,879	(NA)
	Massachusetts....	315	80	7,723	32,068	2,992	6,041	11,588	56,133	185,944	4,389	8,268	56,166	(NA)
	Rhode Island.....	58	21	1,404	5,710	479	1,005	1,867	10,230	30,408	660	1,194	7,926	(NA)
	Connecticut.....	144	40	4,158	22,053	1,408	2,779	6,293	39,765	136,114	2,429	4,053	31,107	(NA)
	Middle Atlantic....	<sup>r</sup> 1,408	<sup>r</sup> 484	<sup>r</sup> 43,366	<sup>r</sup> 212,429	<sup>r</sup> 19,178	<sup>r</sup> 39,364	<sup>r</sup> 85,022	<sup>r</sup> 411,317	<sup>r</sup> 1,394,047	<sup>r</sup> 34,294	39,535	301,973	( <sup>4</sup> )
	New York.....	<sup>r</sup> 676	<sup>r</sup> 203	<sup>r</sup> 17,919	<sup>r</sup> 87,410	<sup>r</sup> 8,890	<sup>r</sup> 18,234	<sup>r</sup> 40,090	<sup>r</sup> 182,231	<sup>r</sup> 688,259	<sup>r</sup> 13,640	16,646	137,171	( <sup>4</sup> )
	New Jersey.....	180	74	6,225	33,539	2,843	5,842	13,682	67,178	217,690	5,489	5,944	47,680	( <sup>4</sup> )
	Pennsylvania....	552	207	19,222	91,480	7,445	15,288	31,250	161,908	487,998	15,165	16,943	117,121	( <sup>4</sup> )
	East North Central	1,270	552	49,017	252,843	20,416	43,060	94,796	471,269	1,512,513	26,783	43,030	359,232	( <sup>4</sup> )
	Ohio.....	340	171	16,213	85,539	5,953	12,559	27,261	148,400	438,561	7,992	14,870	109,246	( <sup>4</sup> )
	Indiana.....	153	83	7,014	33,650	2,926	6,305	12,779	61,898	178,041	3,384	7,053	49,804	( <sup>4</sup> )
	Illinois.....	221	120	9,554	52,426	4,172	8,889	21,564	101,928	347,652	5,600	7,882	93,190	( <sup>4</sup> )
	Michigan.....	297	104	9,430	49,688	3,900	8,200	19,172	100,016	290,730	6,038	8,191	73,981	( <sup>4</sup> )
	Wisconsin.....	259	74	6,806	31,540	3,465	7,107	14,020	59,027	257,529	3,769	5,030	33,007	( <sup>4</sup> )
	West North Central	732	184	18,812	87,663	8,248	17,217	32,684	178,591	553,042	12,716	18,668	129,847	( <sup>4</sup> )
	Minnesota.....	256	43	4,662	22,662	2,258	4,701	9,170	43,510	157,302	3,155	4,759	32,733	( <sup>4</sup> )
	Iowa.....	172	35	3,322	15,073	1,476	2,940	5,814	40,386	102,989	1,754	2,999	21,418	( <sup>4</sup> )
	Missouri.....	99	40	5,228	26,643	1,939	4,081	8,083	45,889	142,432	3,666	6,037	43,605	( <sup>4</sup> )
	Nebraska.....	56	26	1,898	8,094	753	1,507	3,013	15,784	46,920	2,002	1,734	11,708	( <sup>4</sup> )
	Kansas.....	97	31	2,860	11,909	1,414	3,109	5,098	25,254	80,540	1,500	2,314	15,749	( <sup>4</sup> )
	South Atlantic....	426	245	26,041	106,945	9,367	21,232	34,672	218,720	665,654	12,521	22,954	158,292	( <sup>4</sup> )
	Maryland.....	51	28	3,447	16,548	1,126	2,631	4,981	30,091	85,132	1,362	3,544	23,565	( <sup>4</sup> )
	District of Columbia.....	5	5	1,972	10,491	616	1,285	2,841	17,557	62,453	595	1,991	16,326	( <sup>4</sup> )
	Virginia.....	60	39	3,623	14,306	1,403	3,255	4,951	26,829	86,414	1,820	2,948	16,632	( <sup>4</sup> )
	North Carolina....	62	44	4,393	15,596	1,798	4,078	6,214	39,818	114,323	3,241	4,016	28,902	( <sup>4</sup> )
	Florida.....	61	43	4,716	20,040	1,466	3,446	5,345	38,447	135,231	2,066	3,741	30,953	( <sup>4</sup> )

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Fluid milk—Con.													
	East South Central	269	151	11,051	46,259	4,517	9,766	16,116	84,284	261,977	7,385	9,696	63,581	(4)
	Kentucky.....	86	51	3,205	14,410	1,345	2,808	5,074	22,921	71,861	3,346	2,715	19,503	(4)
	Tennessee.....	82	41	3,568	14,538	1,390	3,123	4,906	25,997	84,270	1,965	3,406	20,444	(4)
	Alabama.....	50	31	2,890	12,690	1,113	2,397	4,104	24,814	70,041	1,258	2,328	16,124	(4)
	Mississippi.....	51	28	1,388	4,621	669	1,438	2,032	10,952	35,805	816	1,245	7,508	(4)
	West South Central	272	145	16,104	68,340	6,042	13,686	21,418	152,700	462,141	7,686	14,925	124,409	(4)
	Arkansas.....	39	15	1,037	4,173	456	1,004	1,552	10,032	33,501	703	1,010	8,110	(4)
	Louisiana.....	63	25	2,422	10,342	984	2,029	3,519	20,674	64,301	2,047	2,623	18,837	(4)
	Oklahoma.....	45	25	2,835	12,262	1,051	2,352	3,873	27,436	77,609	1,299	2,374	16,434	(4)
	Texas.....	125	80	9,810	41,563	3,551	8,301	12,474	94,558	286,730	3,637	8,917	81,025	(4)
	Mountain.....	253	90	7,594	33,945	3,300	6,966	13,647	72,628	231,241	5,033	5,783	45,714	(4)
	Montana.....	40	10	536	2,332	285	586	1,181	5,889	18,033	382	574	4,304	(4)
	Idaho.....	25	8	575	2,410	298	616	1,190	5,529	19,137	276	608	5,841	(4)
	Colorado.....	92	30	2,660	11,877	1,038	2,276	4,329	23,530	76,106	1,239	1,613	13,267	(4)
	New Mexico.....	18	9	800	3,414	396	814	1,296	5,645	20,136	633	681	5,051	(4)
	Arizona.....	19	11	1,123	5,901	480	982	2,306	15,418	41,701	979	1,091	8,047	(4)
	Utah.....	33	10	1,373	5,414	547	1,070	2,127	11,567	39,114	1,018	548	3,739	(4)
	Pacific.....	458	212	23,541	126,628	9,040	18,489	46,217	273,779	893,565	16,405	20,558	179,718	(4)
	Washington.....	82	49	4,194	22,086	1,727	3,556	8,996	41,592	131,056	5,033	3,882	29,431	(4)
	Oregon.....	68	28	2,434	11,437	830	1,648	3,790	28,377	88,281	1,352	2,384	18,796	(4)
	California.....	308	135	16,913	93,105	6,483	13,285	33,431	203,810	674,228	10,020	14,292	131,489	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>T</sup>Revised.<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2021, Creamery Butter: New England—Maine, 2 (1-19); New Hampshire, 1 (1-19); Vermont, 1 (20-99); Massachusetts, 1 (1-19); Rhode Island, 2 (20-99); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 3 (1-19); Pennsylvania, 9 (100-249); South Atlantic—Maryland, 4 (20-99); Virginia, 4 (20-99); North Carolina, 1 (1-19); South Carolina, 3 (1-19); Georgia, 2 (1-19); Florida, 1 (1-19); East South Central—Kentucky, 3 (250-499); Tennessee, 3 (20-99); Alabama, 1 (1-19); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (1-19); Louisiana, 1 (20-99); Texas, 4 (20-99); Mountain—Wyoming, 3 (20-99); New Mexico, 1 (1-19); Utah, 3 (20-99); Nevada, 1 (1-19).

SIC 2022, Natural Cheese: New England—Maine, 1 (1-19); Vermont, 7 (100-249); Massachusetts, 4 (20-99); Rhode Island, 1 (1-19); Connecticut, 6 (20-99); Middle Atlantic—New Jersey, 5 (20-99); Pennsylvania, 12 (100-249); East North Central—Ohio, 30 (500-999); Indiana, 12 (250-499); Illinois, 68 (500-999); Michigan, 30 (250-499); West North Central—Iowa, 39 (250-499); South Dakota, 4 (20-99); Nebraska, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Virginia, 2 (20-99); West Virginia, 1 (1-19); North Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 1 (1-19); East South Central—Tennessee, 19 (500-999); Alabama, 3 (20-99); Mississippi, 9 (100-249); West South Central—Arkansas, 7 (100-249); Oklahoma, 4 (20-99); Texas, 2 (20-99); Mountain—Montana, 3 (20-99); Wyoming, 1 (20-99); Colorado, 1 (1-19); Utah, 6 (20-99); Pacific—Washington, 3 (1-19); Oregon, 23 (250-499).

SIC 2023, Condensed and Evaporated Milk: Northeast—Maine, 1 (20-99); Vermont, 1 (1-19); Massachusetts, 1 (1-19); New Jersey, 1 (20-99); Pennsylvania, 14 (250-499); East North Central—Ohio, 16 (1,000-2,499); Illinois, 30 (500-999); Michigan, 15 (1,000-2,499); West North Central—South Dakota, 1 (20-99); Kansas, 3 (100-249); South Atlantic—Delaware, 1 (1-19); Maryland, 6 (100-249); West Virginia, 1 (20-99); North Carolina, 1 (20-99); South Carolina, 2 (20-99); Georgia, 3 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 7 (250-499); Alabama, 2 (20-99); Mississippi, 4 (100-249); West South Central—Arkansas, 2 (100-249); Louisiana, 2 (20-99); Oklahoma, 2 (20-99); Texas, 4 (20-99); Mountain—Idaho, 4 (100-249); Colorado, 1 (20-99); Utah, 6 (100-249); Pacific—Washington, 7 (100-249); Oregon, 3 (20-99).

SIC 2024, Ice Cream and Frozen Desserts: New England—New Hampshire, 7 (20-99); Vermont, 5 (20-99); Rhode Island, 14 (100-249); West North Central—Minnesota, 28 (500-999); North Dakota, 1 (20-99); South Dakota, 6 (20-99); South and West—Delaware, 6 (100-249); North Carolina, 19 (500-999); Alabama, 23 (500-999); Oklahoma, 11 (100-249); Idaho, 9 (100-249); Wyoming, 3 (1-19); Colorado, 15 (100-249); New Mexico, 4 (20-99); Arizona, 6 (100-249); Nevada, 2 (20-99); Oregon, 20 (250-499).

SIC 2025, Special Dairy Products: Northeast—Massachusetts, 4 (20-99); Connecticut, 1 (1-19); New Jersey, 7 (20-99); Pennsylvania, 7 (250-499); North Central—Ohio, 4 (250-499); Indiana, 2 (20-99); Illinois, 8 (250-499); Michigan, 1 (1-19); Minnesota, 2 (250-499); Iowa, 1 (1-19); Nebraska, 2 (1-19); Kansas, 1 (1-19); South and West—Maryland, 1 (1-19); Virginia, 1 (1-19); Georgia, 1 (250-499); Kentucky, 1 (1-19); Tennessee, 3 (1-19); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 3 (1-19); Idaho, 1 (20-99); Arizona, 1 (1-19); Utah, 1 (1-19); Washington, 1 (1-19); California, 9 (100-249).

SIC 2026, Fluid Milk: New England—Maine, 88 (1,129); New Hampshire, 67 (500-999); West North Central—North Dakota, 18 (250-499); South Dakota, 34 (500-999); South Atlantic—Delaware, 17 (500-999); West Virginia, 50 (1,000-2,499); South Carolina, 34 (1,000-2,499); Georgia, 86 (3,434); Mountain—Wyoming, 17 (250-499); Nevada, 9 (250-499).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).<sup>4</sup>For 1947, fluid milk plants were classified as nonmanufacturing. Therefore, comparable data are not available.<sup>5</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>2</sup>	1958 <sup>1</sup>									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- penditures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2022	Natural cheese, total.....	1,290	184	15,205	57,067	12,520	26,628	44,590	126,753	763,613	13,940	13,914	88,716	12,752
	New England.....	25	7	389	1,413	296	593	977	2,391	12,022	( <sup>3</sup> )	341	1,673	178
	Vermont.....	9	3	194	541	178	315	467	1,035	5,472	( <sup>3</sup> )	119	593	110
	Massachusetts...	6	3	115	613	75	189	367	999	4,727	( <sup>3</sup> )	132	877	37
	Middle Atlantic...	84	23	1,644	6,311	1,407	3,127	5,195	16,485	69,152	911	1,521	11,276	1,049
	New York.....	62	20	1,394	5,471	1,195	2,631	4,458	14,815	62,423	797	1,143	8,888	790
	Pennsylvania....	16	3	197	657	168	410	583	1,276	5,194	( <sup>3</sup> )	323	2,041	239
	East North Central	911	80	8,311	29,603	6,986	14,120	23,800	70,343	419,723	8,683	7,279	44,715	6,587
	Ohio.....	35	5	577	1,759	496	985	1,444	3,498	14,840	( <sup>3</sup> )	655	4,370	507
	Indiana.....	13	10	409	1,786	323	764	1,308	2,857	17,328	( <sup>3</sup> )	458	5,966	541
	Illinois.....	70	14	861	3,660	692	1,702	2,613	7,123	38,550	1,185	1,156	8,146	1,175
	Michigan.....	36	8	468	1,857	368	872	1,341	3,650	20,301	( <sup>3</sup> )	478	2,584	401
	Wisconsin.....	757	43	5,996	20,541	5,107	9,797	17,094	53,215	328,704	6,718	4,529	23,648	3,963
	West North Central	117	28	2,179	9,066	1,786	4,324	7,141	16,123	144,084	2,886	2,075	14,523	1,855
	Minnesota.....	20	9	520	2,459	409	989	1,736	6,005	30,415	( <sup>3</sup> )	792	7,372	713
	Iowa.....	42	2	333	1,158	272	667	955	2,705	17,507	1,900	262	1,678	93
	Missouri.....	37	14	1,119	4,774	939	2,295	3,911	6,046	88,016	506	872	4,581	851
	Kansas.....	12	1	134	424	113	251	354	938	5,395	( <sup>3</sup> )	113	679	141
	South Atlantic....	14	1	92	380	79	215	301	648	3,949	( <sup>3</sup> )	81	360	33
	East South Central	48	24	1,202	4,308	906	1,982	3,011	8,798	51,409	594	1,020	5,648	1,014
	Kentucky.....	15	13	463	1,656	362	822	1,176	2,519	20,540	( <sup>3</sup> )	227	1,621	370
	Tennessee.....	20	9	542	1,922	397	884	1,345	5,309	24,072	( <sup>3</sup> )	519	2,628	383
	Mississippi.....	9	2	150	569	114	215	385	762	5,520	( <sup>3</sup> )	176	948	184
	West South Central	12	3	220	869	185	373	688	1,660	9,702	38	302	1,370	533
	Mountain.....	30	6	371	1,276	295	675	962	3,249	15,037	( <sup>3</sup> )	550	4,097	668
	Idaho.....	18	4	211	864	177	425	675	2,313	10,292	( <sup>3</sup> )	317	1,601	330
	Pacific.....	49	12	797	3,841	580	1,219	2,515	7,056	38,535	461	742	5,051	835
	California.....	20	8	475	2,579	307	666	1,491	4,468	23,396	( <sup>3</sup> )	403	2,639	355
2023	Condensed and evaporated milk, total.....	296	194	12,495	56,852	9,941	21,677	42,913	180,372	784,377	12,183	13,310	170,566	18,250
	Northeast.....	44	28	1,289	5,478	1,087	2,343	4,441	17,208	79,494	1,603	1,284	14,437	1,426
	New York.....	26	16	786	3,324	675	1,444	2,716	9,680	42,963	( <sup>3</sup> )	757	8,305	844
	East North Central	112	77	5,303	25,381	4,126	8,976	18,410	75,744	329,206	4,382	6,140	73,311	8,719
	Ohio.....	14	13	842	4,105	596	1,383	2,703	13,246	54,503	( <sup>3</sup> )	1,001	12,826	1,431
	Indiana.....	9	6	382	1,660	306	657	1,246	4,697	21,909	( <sup>3</sup> )	587	5,631	569
	Illinois.....	27	16	835	4,155	614	1,287	2,615	10,977	45,941	2,265	961	13,611	1,080
	Michigan.....	13	10	671	3,560	490	1,104	2,402	8,855	42,560	609	869	11,163	1,305
	Wisconsin.....	49	32	2,573	11,901	2,120	4,545	9,444	37,969	164,293	1,064	2,720	30,078	4,334
	West North Central	53	40	2,381	10,062	1,931	4,220	7,880	24,209	130,901	3,646	1,644	20,908	3,277
	Minnesota.....	33	27	1,474	6,192	1,256	2,718	5,113	12,777	79,534	1,774	795	7,313	1,822
	Iowa.....	8	4	208	858	168	365	629	1,355	15,465	1,480	174	3,223	237
	Missouri.....	7	5	371	1,741	301	709	1,321	7,342	24,058	( <sup>3</sup> )	483	8,160	636
	South Atlantic....	20	11	695	3,021	575	1,294	2,393	14,470	53,023	( <sup>3</sup> )	646	10,709	600
	Virginia.....	4	4	248	1,058	202	424	809	4,942	16,715	( <sup>3</sup> )	213	3,635	180
	East South Central	21	11	1,173	5,221	956	2,113	4,092	25,355	86,054	1,166	1,242	22,025	1,293
	Tennessee.....	8	4	472	2,127	386	866	1,688	9,379	34,557	( <sup>3</sup> )	524	7,457	438
	West South Central	11	7	337	1,355	214	461	841	4,333	19,141	131	320	4,155	439
	Mountain.....	10	6	369	1,503	295	632	1,125	4,774	20,939	( <sup>3</sup> )	418	5,497	514
	Pacific.....	25	14	948	4,831	757	1,638	3,731	14,279	65,619	692	1,614	19,521	1,982
	California.....	15	10	725	3,614	589	1,237	2,821	10,241	50,362	( <sup>3</sup> )	1,376	15,690	1,584

See footnotes at end of table.



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction. For discussion of change in SIC see text).

Ind. code	Industry, region, and State <sup>2</sup>	1958 <sup>1</sup>										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2025	Special dairy products, total....	203	55	5,714	23,762	4,509	9,163	17,178	60,585	272,544	3,577	7,300	56,965	7,496
	Northeast.....	60	13	1,074	4,550	673	1,414	2,499	12,078	41,212	798	955	7,849	798
	New York.....	28	7	553	2,476	347	740	1,314	7,416	19,286	592	571	5,283	458
	East North Central	62	27	2,898	12,043	2,426	4,812	9,528	33,177	125,822	1,404	4,373	38,000	5,180
	Ohio.....	9	3	649	2,711	524	1,099	2,150	7,116	19,210	218	242	2,208	963
	Michigan.....	7	4	551	2,653	453	886	2,082	15,375	28,997	623	337	9,939	(D)
	Wisconsin.....	28	13	1,045	4,084	890	1,847	3,178	7,773	52,289	350	2,109	15,717	2,668
	West North Central	28	6	851	3,192	688	1,431	2,041	6,344	58,921	596	445	2,465	300
	Missouri.....	9	4	367	1,278	249	470	644	2,617	16,927	69	406	2,288	202
	South.....	25	2	475	2,130	402	827	1,794	4,208	30,620	494	1,038	4,311	791
	Mountain.....	8	1	102	382	85	176	298	1,489	5,233	101	222	1,946	(D)
	Pacific.....	20	6	314	1,465	235	503	1,018	3,289	10,736	184	265	2,392	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> See footnote 9 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>3</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2022, Natural Cheese: New England—Maine, 2 (1-19); Rhode Island, 1 (1-19); Connecticut, 7 (20-99); Middle Atlantic—New Jersey, 6 (20-99); West North Central—South Dakota, 4 (20-99); Nebraska, 2 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 4 (20-99); Virginia, 2 (20-99); West Virginia, 3 (1-19); North Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 2 (1-19); East South Central—Alabama, 4 (20-99); West South Central—Arkansas, 7 (100-249); Oklahoma, 3 (20-99); Texas, 2 (20-99); Mountain—Montana, 3 (20-99); Wyoming, 2 (20-99); Colorado, 1 (1-19); Utah, 6 (20-99); Pacific—Washington, 5 (20-99); Oregon, 24 (250-499).

SIC 2023, Condensed and Evaporated Milk: Northeast—Maine, 1 (20-99); Vermont, 1 (1-19); Massachusetts, 1 (1-19); Middle Atlantic—New Jersey, 1 (20-99); Pennsylvania, 14 (250-499); West North Central—South Dakota, 2 (20-99); Kansas, 3 (100-249); South Atlantic—Delaware, 1 (1-19); Maryland, 6 (100-249); West Virginia, 1 (20-99); North Carolina, 1 (20-99); South Carolina, 2 (20-99); Georgia, 3 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 7 (250-499); Alabama, 2 (20-99); Mississippi, 4 (100-249); West South Central—Arkansas, 2 (100-249); Louisiana, 2 (20-99); Oklahoma, 2 (20-99); Texas, 5 (100-249); Mountain—Idaho, 3 (100-249); Colorado, 1 (20-99); Utah, 6 (100-249); Pacific—Washington, 7 (100-249); Oregon, 3 (20-99).

SIC 2025, Special Dairy Products: Northeast—Massachusetts, 6 (20-99); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); New Jersey, 10 (20-99); Pennsylvania, 14 (250-499); East North Central—Indiana, 3 (20-99); Illinois, 15 (500-999); West North Central—Minnesota, 12 (250-499); Iowa, 3 (1-19); South Dakota, 1 (1-19); Nebraska, 2 (1-19); Kansas, 1 (1-19); South—Delaware, 1 (1-19); Maryland, 3 (1-19); Virginia, 2 (1-19); Georgia, 1 (250-494); Florida, 3 (1-19); Kentucky, 1 (1-19); Tennessee, 4 (1-19); Mississippi, 2 (20-99); Arkansas, 1 (1-19); Louisiana, 2 (1-19); Oklahoma, 1 (1-19); Texas, 4 (20-99); Mountain—Montana, 1 (1-19); Idaho, 3 (20-99); Colorado, 1 (1-19); Arizona, 2 (1-19); Utah, 1 (1-19); Pacific—Washington, 2 (20-99); California, 18 (250-499).

<sup>3</sup> Less than \$500 thousand.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2B.- Delivery Operations for Establishments in the Fluid Milk Industry (SIC 2026) and the Ice Cream and Frozen Desserts Industry (SIC 2024), by Region and State: 1958

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery services <sup>3</sup> (\$1,000)	Number of delivery routes <sup>4</sup>			
	Total industry	Reporting panel	Total industry	Reporting panel	Number <sup>1</sup>	Payroll <sup>2</sup> (\$1,000)		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	FLUID MILK (SIC 2026)										
United States, total....	5,817	2,652	211,576	171,375	81,954	432,727	17,940	38,300	5,666	19,032	2,434
New England.....	728	293	15,942	12,842	6,140	29,760	982	3,146	353	989	62
Vermont.....	56	23	784	395	140	634	( <sup>5</sup> )	92	9	32	...
Massachusetts.....	315	130	7,723	6,292	2,880	12,770	120	1,460	180	475	14
Rhode Island.....	58	26	1,404	1,139	557	2,704	...	292	4	80	...
Connecticut.....	144	64	4,158	3,617	1,829	10,803	787	879	140	266	42
Middle Atlantic.....	1,409	607	43,474	34,507	17,345	91,322	3,733	8,778	2,123	2,862	371
New York.....	677	265	18,027	13,079	6,366	33,801	1,102	2,539	1,114	1,509	153
New Jersey.....	180	79	6,225	4,791	2,412	11,830	938	1,286	862	233	85
Pennsylvania.....	552	263	19,222	16,637	8,567	45,691	1,693	4,953	147	1,120	133
East North Central.....	1,270	637	49,017	38,175	18,816	107,645	3,607	9,050	1,929	4,529	789
Ohio.....	340	206	16,213	14,575	6,630	41,496	995	3,575	191	1,187	130
Indiana.....	153	89	7,014	5,413	2,669	14,961	675	1,382	71	562	105
Illinois.....	221	124	9,554	6,910	4,298	22,824	854	1,762	478	1,685	340
Michigan.....	297	134	9,430	7,029	3,412	18,541	649	1,518	1,060	679	171
Wisconsin.....	259	84	6,806	4,248	1,807	9,823	434	813	129	416	43
West North Central.....	732	241	18,812	14,532	6,538	38,144	1,689	3,090	174	1,816	165
Minnesota.....	256	57	4,662	2,988	1,589	8,864	( <sup>5</sup> )	724	23	333	15
Iowa.....	172	50	3,322	2,525	1,180	6,583	234	602	43	288	36
Missouri.....	99	47	5,228	4,374	2,045	13,953	464	917	42	580	68
Nebraska.....	56	24	1,898	1,602	665	3,477	( <sup>5</sup> )	388	19	182	9
Kansas.....	97	42	2,860	2,398	821	4,263	745	366	36	329	28
South Atlantic.....	426	244	26,041	22,346	11,264	50,449	2,573	4,628	106	2,670	198
Maryland.....	51	28	3,447	3,003	2,252	8,002	146	841	14	255	8
District of Columbia.....	5	5	1,972	1,972	988	6,091	1,122	395	...	109	7
Virginia.....	60	41	3,623	3,258	1,420	6,099	181	685	7	337	15
North Carolina.....	62	39	4,393	3,708	1,280	5,518	( <sup>5</sup> )	430	13	427	37
Florida.....	61	40	4,716	4,082	2,280	11,762	381	1,137	7	448	36
East South Central.....	269	156	11,051	9,065	4,208	20,604	845	1,884	69	1,328	172
Kentucky.....	86	53	3,205	2,664	1,161	6,129	732	509	21	387	85
Tennessee.....	82	51	3,568	3,214	1,501	7,051	( <sup>5</sup> )	747	19	442	43
Alabama.....	50	26	2,890	2,175	1,119	5,724	( <sup>5</sup> )	505	7	329	6
Mississippi.....	51	26	1,388	1,012	427	1,700	( <sup>5</sup> )	123	22	170	38
West South Central.....	272	151	16,104	13,890	6,591	31,564	1,511	2,758	180	1,771	414
Arkansas.....	39	23	1,037	1,010	391	1,732	( <sup>5</sup> )	155	...	171	21
Louisiana.....	63	22	2,422	1,967	960	4,685	...	459	59	198	56
Oklahoma.....	45	23	2,835	2,116	1,039	4,953	876	508	60	294	95
Texas.....	125	83	9,810	8,797	4,201	20,194	559	1,636	61	1,108	242
Mountain.....	253	112	7,594	6,312	2,684	12,847	1,650	1,290	120	757	154
Montana.....	40	18	536	431	138	684	263	79	7	57	23
Idaho.....	25	7	575	417	160	777	...	37	2	68	11
Colorado.....	92	41	2,660	2,237	968	5,018	1,069	500	10	230	52
New Mexico.....	18	8	800	668	274	1,053	225	114	15	92	8
Arizona.....	19	10	1,123	906	436	2,449	( <sup>5</sup> )	171	74	99	37
Utah.....	33	14	1,373	1,274	563	2,090	( <sup>5</sup> )	314	...	159	21
Pacific.....	458	211	23,541	19,706	8,368	50,392	1,350	3,676	612	2,310	109
Washington.....	82	47	4,194	3,669	1,487	8,507	165	696	128	382	20
Oregon.....	68	35	2,434	2,042	814	4,523	181	370	18	268	12
California.....	308	129	16,913	13,995	6,067	37,362	1,004	2,610	466	1,660	77
	ICE CREAM AND FROZEN DESSERTS INDUSTRY (SIC 2024)										
United States, total....	1,382	556	34,562	27,327	6,848	34,939	1,193	841	134	3,802	218
New England.....	113	37	2,581	1,564	392	2,074	...	14	5	303	4
Massachusetts.....	57	21	1,634	1,008	211	1,026	...	9	5	158	...
Connecticut.....	22	7	379	297	83	616	...	3	...	67	2
Middle Atlantic.....	255	95	9,050	7,690	1,567	9,242	322	104	18	808	60
New York.....	119	44	3,593	3,096	662	4,166	191	10	...	358	43
New Jersey.....	33	13	1,168	811	199	1,609	( <sup>5</sup> )	31	6	66	9
Pennsylvania.....	103	38	4,289	3,783	706	3,467	( <sup>5</sup> )	53	12	384	8

See footnotes at end of table.



Table 2B.—Delivery Operations for Establishments in the Fluid Milk Industry (SIC 2026)  
and the Ice Cream and Frozen Desserts Industry (SIC 2024), by Region and State: 1958--Continued

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery services <sup>3</sup> (\$1,000)	Number of delivery routes <sup>4</sup>				
	Total industry	Reporting panel	Total industry	Reporting panel	Number <sup>1</sup>	Payroll <sup>2</sup> (\$1,000)		Retail		Wholesale		
								Own	Operated by others	Own	Operated by others	
	ICE CREAM AND FROZEN DESSERTS INDUSTRY (SIC 2024)--Continued											
East North Central.....	335	143	6,695	5,203	1,700	8,106	295	358	32	832	35	
Ohio.....	82	34	1,733	1,363	355	2,172	(5)	25	11	187	3	
Indiana.....	49	21	832	664	161	820	(5)	5	...	103	1	
Illinois.....	82	45	2,224	1,780	836	3,184	(5)	143	16	292	...	
Michigan.....	74	29	1,221	906	200	1,109	(5)	147	5	157	26	
Wisconsin.....	48	14	685	490	148	821	(5)	18	...	93	5	
West North Central.....	154	64	3,119	2,495	567	2,976	147	45	9	427	7	
Iowa.....	45	15	924	698	115	643	(5)	18	...	85	...	
Missouri.....	35	17	814	627	189	952	(5)	6	...	143	...	
Kansas.....	28	6	279	173	40	202	...	...	...	31	...	
South and West.....	525	217	13,117	10,375	2,622	12,541	429	350	70	1,432	112	
Maryland.....	21	11	779	718	134	694	(5)	18	...	74	...	
District of Columbia.....	5	5	449	449	90	511	(5)	...	...	20	...	
Virginia.....	17	9	743	537	115	571	(5)	7	22	76	...	
Georgia.....	19	9	400	278	82	339	(5)	1	...	49	...	
Florida.....	22	10	1,224	1,091	269	1,145	...	44	5	95	14	
Kentucky.....	18	9	262	211	57	271	(5)	...	...	50	1	
Tennessee.....	39	20	966	759	170	758	(5)	1	3	134	2	
Mississippi.....	11	6	281	220	64	210	...	...	3	47	1	
Arkansas.....	16	7	239	180	68	281	...	9	18	28	7	
Louisiana.....	23	8	646	509	176	722	...	52	...	42	3	
Texas.....	69	29	1,416	1,049	236	997	(5)	43	5	169	1	
Washington.....	17	6	189	151	38	277	36	4	...	21	...	
California.....	90	25	2,337	1,804	486	2,913	226	85	2	255	59	

<sup>1</sup>Employees engaged in delivering products from the central dairy plant to retail and wholesale distributors, to a company's own stores, or to households. The figure includes route-salesmen, highway truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

<sup>2</sup>Includes wages, salaries, bonuses, commissions, and other remuneration to delivery personnel before deductions.

<sup>3</sup>Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished, and any other contract costs related to delivery of products of the plant.

<sup>4</sup>All routes operated from the plant, whether serviced by driver-salesmen of the plant or by independent vendors, subdealers or peddlers. Wholesale routes are those chiefly servicing retail stores (grocery, dairy products, bakery products, confectionery, etc.), including those operated by the company; hotels and restaurants; institutions such as hospitals, schools, etc. Retail routes are those chiefly servicing households.

Mixed wholesale and retail routes were classified either wholesale or retail depending on the relative importance of wholesale and retail sales. Split routes, by which a truck and salesman serviced different areas on alternate days, were classified as single routes.

<sup>5</sup>Less than \$100 thousand.

Table 3.-Detailed Statistics for the United States: 1958

Item	Creamery butter (SIC 2021)	Natural cheese (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Ice cream and frozen desserts (SIC 2024)	Special dairy products (SIC 2025)	Fluid milk (SIC 2026)
Primary product specialization ratio <sup>1</sup> .....	70	89	84	94	90	90
Coverage ratio <sup>2</sup> .....	80	94	69	71	97	95
Number of establishments, total.....	1,058	1,203	313	1,382	107	<sup>r</sup> 5,816
With 1-19 employees.....	830	1,043	111	928	72	3,580
With 20-99 employees.....	203	149	171	394	25	1,722
With 100 employees or more.....	25	11	31	60	10	<sup>r</sup> 514
Proprietors and working partners.....Number..	334	802	(NA)	872	50	4,258
All employees:						
Number (average for the year).....	17,295	13,461	13,445	34,562	3,571	<sup>r</sup> 211,468
Payroll.....\$1,000..	62,875	49,389	61,443	153,042	13,600	<sup>r</sup> 1,005,677
Production workers:						
Number (average for the year).....	12,294	11,152	10,758	18,583	2,968	<sup>r</sup> 86,279
March.....	11,752	10,650	10,238	16,184	3,049	<sup>r</sup> 84,525
May.....	12,675	12,043	11,228	19,949	2,994	<sup>r</sup> 87,077
August.....	12,746	11,647	11,169	21,648	3,070	<sup>r</sup> 88,776
November.....	12,003	10,683	10,397	16,551	2,759	<sup>r</sup> 84,739
Man-hours.....1,000..	25,561	22,710	23,237	37,511	5,775	<sup>r</sup> 182,316
January-March.....do....	6,072	5,165	5,466	7,868	1,454	<sup>r</sup> 44,391
April-June.....do....	6,706	6,223	6,199	10,375	1,510	<sup>r</sup> 46,611
July-September.....do....	6,582	5,962	6,038	10,973	1,450	<sup>r</sup> 46,684
October-December.....do....	6,201	5,360	5,534	8,295	1,361	<sup>r</sup> 44,630
Wages.....\$1,000..	42,314	39,092	46,547	72,172	10,746	<sup>r</sup> 369,306
Cost of materials, etc., total.....do....	875,257	578,182	613,743	553,924	165,468	<sup>r</sup> 4,421,074
Materials, parts, containers, and supplies consumed.....do....	774,765	528,395	584,306	472,151	149,659	<sup>r</sup> 3,952,878
Cost of resales.....do....	83,116	41,400	15,308	70,289	14,646	402,640
Fuels consumed.....do....	9,333	4,760	10,389	2,775	510	<sup>r</sup> 28,766
Electricity purchased.....do....	4,625	3,138	3,074	8,087	537	<sup>r</sup> 31,662
Contract work.....do....	3,418	1,035	666	622	116	<sup>r</sup> 5,128
Value of shipments (including resales), total.....do....	1,023,460	684,248	820,649	946,504	189,366	<sup>r</sup> 6,412,333
Value of resales.....do....	87,264	43,384	16,732	84,989	15,161	450,866
Value added by manufacture, adjusted...do....	147,207	109,098	202,709	393,037	23,923	<sup>r</sup> 1,990,805
Manufacturers' inventories:						
Beginning of year, total.....do....	35,032	49,187	48,648	58,364	25,671	<sup>r</sup> 151,148
Finished products.....do....	24,958	35,591	33,634	19,985	8,182	<sup>r</sup> 53,670
Work-in-process.....do....	1,372	1,298	1,796	2,065	1,784	<sup>r</sup> 6,342
Materials, supplies, fuel, etc.....do....	8,702	12,298	13,218	36,314	15,705	<sup>r</sup> 91,136
End of year, total.....do....	33,589	56,412	46,499	58,961	25,633	<sup>r</sup> 151,455
Finished products.....do....	24,258	38,463	29,751	21,173	8,176	<sup>r</sup> 53,355
Work-in-process.....do....	1,076	1,458	1,482	1,334	1,815	<sup>r</sup> 6,203
Materials, supplies, fuel, etc.....do....	8,255	16,491	15,266	36,454	15,642	<sup>r</sup> 91,897
Expenditures for plant and equipment, total.....do....	15,828	13,010	12,863	27,21	1,523	<sup>r</sup> 138,390
New, total.....do....	15,309	(NA)	12,746	26,057	1,509	<sup>r</sup> 132,466
New structures and additions to plant.....do....	3,984	5,247	3,338	5,083	709	<sup>r</sup> 40,890
New machinery and equipment.....do....	11,325	7,637	9,408	20,974	800	<sup>r</sup> 91,596
Used plant and equipment.....do....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,156	( <sup>3</sup> )	<sup>r</sup> 5,904

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Less than \$500 thousand.



## DAIRY PRODUCTS

20B-15

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2021	Creamery butter:											
	Number of establishments.....	1,058	325	297	208	159	44	22	3	...	...	...
	All employees:											
	Number.....	17,295	829	1,970	2,808	4,729	2,901	3,124	934	...	...	...
	Payroll.....\$1,000..	62,875	2,510	6,228	9,472	17,486	10,739	12,487	3,953	...	...	...
	Value added, adjusted..do....	147,207	9,900	16,794	21,974	40,553	24,678	24,505	8,803	...	...	...
	Value of shipments.....do....	1,023,460	52,130	117,599	163,438	292,662	174,628	174,561	48,442	...	...	...
2022	Capital expend., new...do....	15,309	876	1,766	2,224	4,413	2,443	2,446	1,141	...	...	...
	Natural cheese:											
	Number of establishments.....	1,203	615	249	179	117	32	7	4	...	...	...
	All employees:											
	Number.....	13,461	1,314	1,627	2,464	3,423	2,224	945	1,464	...	...	...
	Payroll.....\$1,000..	49,389	4,487	4,902	8,615	12,876	8,629	3,351	6,529	...	...	...
	Value added, adjusted..do....	109,098	15,851	11,242	15,702	24,025	19,804	7,655	14,819	...	...	...
2023	Value of shipments.....do....	684,248	96,081	79,355	101,850	130,870	106,520	35,536	134,036	...	...	...
	Capital expend., new...do....	12,884	1,616	1,372	2,883	2,074	1,390	( <sup>1</sup> )	3,264	...	...	...
	Condensed and evaporated milk:											
	Number of establishments.....	313	36	37	38	101	70	31	...	...	...	...
	All employees:											
	Number.....	13,445	84	246	542	3,190	4,898	4,485	...	...	...	...
	Payroll.....\$1,000..	61,443	353	964	2,461	14,202	22,706	20,757	...	...	...	...
2024	Value added, adjusted..do....	202,709	1,402	2,790	5,914	41,160	85,040	66,403	...	...	...	...
	Value of shipments.....do....	820,649	4,392	9,399	31,294	199,420	329,535	246,609	...	...	...	...
	Capital expend., new...do....	12,746	( <sup>1</sup> )	( <sup>1</sup> )	1,088	2,116	5,469	3,853	...	...	...	...
	Ice cream and frozen desserts:											
	Number of establishments.....	1,382	418	252	258	268	126	48	11	1	...	...
	All employees:											
	Number.....	34,562	912	1,738	3,622	8,467	8,595	6,846	4,382	(D)	...	...
2025	Payroll.....\$1,000..	153,042	2,534	6,328	13,648	35,274	40,046	34,115	21,097	(D)	...	...
	Value added, adjusted..do....	393,037	5,683	12,368	30,154	84,525	105,185	93,766	61,356	(D)	...	...
	Value of shipments.....do....	946,504	18,821	36,587	82,230	214,643	247,963	219,397	126,863	(D)	...	...
	Capital expend., new...do....	26,057	1,100	1,475	2,536	5,781	6,670	7,002	1,493	(D)	...	...
	Special dairy products:											
	Number of establishments.....	107	32	24	16	19	6	6	4	...	...	...
	All employees:											
2026	Number.....	3,571	63	156	238	569	375	2,170	(D)	...	...	...
	Payroll.....\$1,000..	13,600	175	522	944	1,921	1,266	8,772	(D)	...	...	...
	Value added, adjusted..do....	23,923	930	1,298	2,527	3,907	2,263	12,998	(D)	...	...	...
	Value of shipments.....do....	189,366	2,676	3,350	7,658	21,856	19,439	134,387	(D)	...	...	...
	Capital expend., new...do....	1,509	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	838	(D)	...	...	...
	Fluid milk:											
	Number of establishments.....	<sup>r</sup> 5,816	1,456	1,069	1,055	1,148	575	<sup>r</sup> 386	104	24	...	...
	All employees:											
	Number.....	<sup>r</sup> 211,468	3,535	7,223	14,551	36,501	40,205	<sup>r</sup> 58,922	34,860	15,671	...	...
	Payroll.....\$1,000..	<sup>r</sup> 1,005,677	11,637	25,653	55,839	156,665	192,050	<sup>r</sup> 296,249	178,781	88,803	...	...
	Value added, adjusted..do....	<sup>r</sup> 1,990,805	26,779	56,163	111,030	317,004	402,287	<sup>r</sup> 561,892	356,037	159,613	...	...
	Value of shipments.....do....	<sup>r</sup> 6,412,333	129,497	214,559	396,322	1,107,209	1,314,931	<sup>r</sup> 1,776,939	1,010,962	461,914	...	...
	Capital expend., new...do....	<sup>r</sup> 132,466	5,181	7,047	11,923	23,747	22,212	<sup>r</sup> 32,948	21,197	8,211	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>r</sup>Revised.

<sup>1</sup>Less than \$500 thousand.

## MANUFACTURES—INDUSTRY STATISTICS

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2021	Creamery butter.....1958..	1,023,460	639,612	271,680	112,168	70	802,316	639,612	162,704	80
	.....1954..	1,013,797	664,676	227,832	121,289	74	858,525	664,676	193,849	77
2022 and 2025	Natural cheese and special dairy products <sup>3</sup> .....1958..	873,614	728,201	77,418	67,995	90	761,882	728,201	33,681	96 66
2022	Natural cheese.....1958..	684,248	562,791	68,892	52,565	89	600,192	562,791	37,401	94
2025	Special dairy products.....1958..	189,366	156,446	17,490	15,430	90	161,690	156,446	5,244	97
2023	Condensed and evaporated milk..1958..	820,649	674,343	128,859	17,447	84	977,939	674,343	303,596	69
2024	Ice cream and frozen desserts..1958..	946,504	803,469	48,907	88,128	94	1,137,704	809,469	328,235	71
	.....1954..	773,491	671,414	54,099	47,978	93	954,337	671,414	282,923	70
2026	Fluid milk.....1958..	<sup>r</sup> 6,412,333	<sup>r</sup> 5,296,175	616,660	499,498	90	<sup>r</sup> 5,577,006	<sup>r</sup> 5,296,175	280,831	95
	.....1954..	4,866,448	3,741,562	811,622	313,264	82	3,969,143	3,741,562	227,581	94

<sup>r</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Because process cheese and related products are produced both by Industry 2022 and 2025, it is desirable for some purposes to combine the statistics for the two industries (see introductory text).



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments by product classes reported by all manufacturing establishments wherever classified. They thus correspond to the totals shown in table 6A)

Prod. class code	Class of product and miscellaneous receipts	Creamery butter (SIC 2021)	Natural cheese (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Ice cream and frozen desserts (SIC 2024)	Special dairy products (SIC 2025)	Fluid milk (SIC 2026)	Poultry dressing plants (SIC 2015)	Other industries	All industries
	Total shipments of the industry.....	1,023,460	684,248	820,649	946,504	189,366	<sup>r</sup> 6,412,333	xxx	xxx	xxx
202-	Dairy products.....	887,819	626,691	800,607	853,852	172,144	<sup>r</sup> 5,865,790	13,126	36,818	xxx
20210 20220 and 20252	Creamery butter.....	639,612	14,996	32,732	3,945	(D)	100,405	10,206	(D)	802,316
20231 20232	Cheese, natural and process.....	10,680	562,840	411	(D)	165,361	14,360	(D)	6,941	761,882
	Dry milk products.....	111,219	5,930	229,156	(D)	2,203	59,842	(D)	4,204	414,707
	Canned milk (including canned evaporated and condensed).....	(D)	...	338,691	...	...	(D)	...	2,980	352,083
20233	Bulk evaporated and condensed milk products	4,324	1,221	49,371	(D)	...	28,797	(D)	...	84,236
20234	Ice cream mix and ice milk mix.....	4,362	(D)	49,123	7,449	(D)	55,675	(D)	1,785	118,475
20230	Concentrated milk, nsk.....	...	(D)	8,002	(D)	(D)	(D)	...	(D)	8,438
20240	Ice cream and ices.....	13,055	1,384	(D)	809,469	(D)	303,390	(D)	6,863	1,137,704
20261	Bulk fluid milk and cream.....	69,815	35,308	81,111	2,140	1,900	625,019	...	2,162	817,455
20262	Bottled milk and cream.....	24,721	3,113	6,010	26,169	(D)	<sup>r</sup> 4,041,217	...	(D)	<sup>r</sup> 4,110,344
20263	Cottage cheese.....	4,328	1,512	2,894	1,098	2,003	173,299	...	132	185,266
20264	Buttermilk, chocolate drink, and other flavored milk drink.....	(D)	(D)	(D)	1,768	...	<sup>r</sup> 207,254	...	899	<sup>r</sup> 213,033
20260	Fluid milk, nsk.....	...	...	...	...	...	<sup>r</sup> 249,386	...	1,522	<sup>r</sup> 250,908
	Products not primary to group 202.....	23,473	4,992	2,595	4,524	1,792	47,045	xxx	xxx	xxx
20151	Chicken and fowl.....	2,965	...	...	...	...	(D)	xxx	xxx	xxx
20153	Dressed turkeys.....	4,951	...	...	...	...	(D)	xxx	xxx	xxx
20156	Eggs, liquid, dried and frozen.....	3,159	(D)	...	...	...	(D)	xxx	xxx	xxx
20860	Bottled soft drinks and carbonated waters..	(D)	...	...	(D)	...	7,003	xxx	xxx	xxx
	Other secondary products.....	(D)	(D)	2,595	(D)	1,792	39,974	xxx	xxx	xxx
	Miscellaneous receipts, total.....	112,168	52,565	17,447	88,128	15,430	499,498	xxx	xxx	xxx
	Shell egg sales.....	21,444	2,146	...	(D)	(D)	33,236	xxx	xxx	xxx
	Other resales.....	87,264	43,384	16,732	84,989	15,161	450,866	xxx	xxx	xxx
	Other miscellaneous receipts.....	3,460	7,035	715	xxx	(D)	15,396	xxx	xxx	xxx

<sup>r</sup> Revised.

D Withheld to avoid disclosing figures for individual companies.

**Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2021---	Creamery butter, total.....	1,000 lbs...	1,358,597	802,316	1,414,332	858,525
2021013	Shipped in bulk (containers over 3 pounds).....	...do.....	694,706	399,849	(NA)	(NA)
2021015	Shipped in consumer packages (containers 3 pounds or less).....	...do.....	323,585	201,686	(NA)	(NA)
2021000	Container not specified.....	...do.....	340,306	200,781	(NA)	(NA)
2022 and 2025	Cheese, except cottage cheese, total.....	...do.....	xxx	761,882	xxx	702,213
2022001	Natural cheese, other than cottage (cheddar, brick, cream, swiss, etc.).....	...do.....	1,428,708	515,839	2,301,970	2462,634
	Process cheese and related products.....	.....	xxx	246,043	xxx	239,579
20220	Made in the natural cheese industry.....	.....	xxx	84,353	xxx	12,927
20252	Made in other industries.....	.....	xxx	161,690	xxx	226,652
2022011 2025211	} Process cheese.....	1,000 lbs...	404,216	153,160	409,029	142,139
2022013 2025213	} Cheese foods.....	...do.....	125,767	41,432	130,614	42,546
2022015 2025215	} Cheese spreads.....	...do.....	105,228	38,373	101,307	39,049
2022019 2025219	} Other related cheese products.....	...do.....	27,060	10,317	28,393	12,004
2025200	Process cheese products, nsk.....	...do.....	xxx	2,761	xxx	3,841
2023---	Condensed and evaporated milk, total.....	.....	xxx	977,939	xxx	<sup>r</sup> 877,173
20231	Dry milk products (including dry whole milk, dry skim milk, dry buttermilk and whey).....	.....	xxx	414,707	xxx	<sup>r</sup> 317,375
	Shipped in containers of 3 pounds or less:					
	Dry milk products other than non-fat dry milk solids:					
2023111	Malted milk powder.....	1,000 lbs...	37,031	12,780	31,303	9,616
2023122	Dietary supplements, including infants (50% or more milk solids).....	.....	xxx	<sup>3</sup> 38,577	xxx	<sup>3</sup> 25,749
2023129	Other flavored dry milk products.....	1,000 lbs...	47,632	19,006		
2023131	Nonfat dry milk solids.....	...do.....	774,610	130,729		
	Shipped in bulk (containers larger than 3 pounds):					
2023141	For food use (bakeries, confectioners, etc.).....	...do.....	1,237,921	184,059	<sup>4</sup> 1,824,267	<sup>r</sup> 4282,010
2023145	For animal feed use.....	...do.....	456,024	24,103		
2023100	Dry milk products, nsk.....	.....	xxx	5,453		
20232--	Canned milk (shipped in consumer type packages).....	.....	xxx	352,083	xxx	341,167
2023212	Unsweetened case goods.....	1,000 lbs...	2,472,897	337,268	} 2,732,654	341,167
2023216	Sweetened case goods.....	...do.....	72,933	13,570		
2023200	Canned milk, nsk.....	...do.....	xxx	1,245		
20233--	Condensed and evaporated milk, shipped in bulk (barrels, drums, tanks).....	.....	xxx	84,236	xxx	91,115
2023312	For animal feed use.....	1,000 lbs...	105,338	3,551	470,256	26,653
2023316	For food use (bakeries, confectioners, etc.).....	...do.....	898,818	78,067	935,904	64,456
2023300	Condensed and evaporated milk products, nsk.....	.....	xxx	2,618	...	...
2023412	Ice cream mix and ice milk mix, liquid, paste, or dry.....	1,000 lbs...	916,678	118,475	( <sup>5</sup> )	119,486
2023000	Condensed, evaporated or dried milk, nsk.....	.....	xxx	8,438	xxx	8,030
2024---	Ice cream and ices, total.....	.....	xxx	1,137,704	xxx	954,337
2024011	Ice cream.....	1,000 gals..	559,831	859,095	483,700	762,762
2024051	Water ices.....	...do.....	28,115	38,719	22,654	28,083
2024071	Mellorine and similar frozen desserts containing fats other than butterfat.....	...do.....	29,925	29,163	24,587	25,772
2024091	Other frozen dairy foods (sherbet, ice milk, custards, etc.).....	...do.....	95,149	110,083	53,472	70,405
2024000	Ice cream and ices, nsk.....	.....	xxx	100,644	xxx	67,315
2026---	Fluid milk products, total.....	.....	xxx	<sup>r</sup> 5,577,006	xxx	<sup>4</sup> 3,314,588
20261--	Bulk fluid milk and cream.....	.....	xxx	817,455	xxx	715,598
2026112	Fluid whole milk bulk sales.....	1,000 lbs...	10,190,607	457,569	} 8,681,901	371,588
2026115	Fluid skim milk bulk sales.....	...do.....	4,507,915	53,141		
2026117	Fluid cream milk bulk sales.....	...do.....	976,072	289,102		
2026162	Plastic cream.....	...do.....	10,956	6,668	} 1,089,654	328,425
2026100	Bulk fluid milk and cream, nsk.....	.....	xxx	10,975		

See footnotes at end of table.



## DAIRY PRODUCTS

20B 19

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2026--	Fluid milk products—Continued					
20262--	Bottled milk and cream.....		xxx	<sup>r</sup> 4,110,344	xxx	3,102,848
2026212	Whole milk in bottles and cartons.....	1,000 qts...	16,537,962	<sup>r</sup> 3,596,920	} 13,991,545	2,795,477
2026222	Skim milk in bottles and cartons.....	..do.....	579,870	98,192		
2026242	Cream, heavy (whipping cream).....	..do.....	63,693	80,812		
2026242	Cream, light (coffee cream, including sour cream).....	..do.....	140,664	97,258		
2026272	Half and half.....	..do.....	248,553	<sup>r</sup> 122,302	} *427,169	256,227
2026201	Ready-whipped cream (aerated).....	1,000 lbs...	43,383	28,315		
2026200	Bottled milk and cream, nsk.....		xxx	86,545	xxx	34,266
20263--	Cottage cheese (include bakers' cheese, pot cheese, farmers' cheese)....		xxx	185,266	xxx	150,563
2026315	Manufactured-and-creamed in the reporting plant.....	1,000 lbs...	607,439	138,084	} 758,298	150,563
2026316	Manufactured in the reporting plant, sold as curd.....	..do.....	86,713	17,538		
2026318	Creamed in the reporting plant from purchased curd.....	..do.....	131,806	29,644		
20264--	Buttermilk, chocolate drink and other flavored milk drinks.....		xxx	213,033	xxx	178,004
2026433	Buttermilk and related products (Yogurt, acidophilous milk, etc.)....	1,000 qts...	724,081	94,096	} 905,744	170,684
2026435	Flavored milk drinks (chocolate milk, chocolate drinks, etc.).....	..do.....	539,825	118,937		
2026400	Other special dairy products.....		...	...	xxx	<sup>e</sup> 7,320
2026000	Dairy products, nsk.....		xxx	<sup>r</sup> 250,908	xxx	167,575

NA Not available. \*Revised. <sup>r</sup>Revised.<sup>1</sup>Represents chiefly shipments from small establishments which did not adequately report quantity and were not required to report shipments by type of container. Quantity was estimated based on the average value of reported quantity.<sup>2</sup>Includes \$24,059 thousand and an estimated 67,771 thousand pounds which were not specified between cottage cheese and other natural cheeses.<sup>3</sup>Includes liquid as well as dry.<sup>4</sup>Nonfat dry milk solids amounted to 1,472,579 thousand pounds valued at \$218,805 thousand in 1954.<sup>5</sup>Information collected in gallons in 1954 and amounted to 99,779 thousand gallons.

Includes an undetermined amount of sour cream and special fermented drinks.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	
<b>Creamery butter (20210):</b>			<b>Cheese, except cottage cheese (made in natural cheese plants) (20220)--</b>	1958 <sup>2</sup>	<b>Canned milk (shipped in consumer type packages) (20232):</b>		
United States, total:			Continued		United States, total:		
1958.....	802,316		East North Central.....	335,269	1958.....	352,083	
1957.....	860,717		Ohio.....	13,521	1957.....	381,515	
1956.....	838,426		Indiana.....	14,448	1956.....	379,263	
1955.....	776,774		Illinois.....	33,517	1955.....	369,728	
1954.....	858,525		Michigan.....	12,373	1954.....	341,167	
1947.....	726,996		Wisconsin.....	261,410	1953.....	369,170	
	1958 <sup>2</sup>	1954			1952.....	405,682	
New England.....	4,028	5,396	West North Central.....	122,564	1951.....	414,788	
Massachusetts.....	1,072	1,695	Minnesota.....	21,860	1947.....	408,322	
Middle Atlantic.....	30,181	63,296	Iowa.....	15,271		1958 <sup>2</sup>	1954
New York.....	19,333	46,069	Missouri.....	77,673	Middle Atlantic.....	15,343	10,454
Pennsylvania.....	10,036	11,986	Kansas.....	5,248	East North Central.....	124,071	132,275
East North Central.....	247,658	253,088	South Atlantic.....	7,128	Ohio.....	35,543	27,559
Ohio.....	27,803	43,853	East South Central.....	39,925	Illinois.....	23,569	18,133
Indiana.....	14,373	20,567	Kentucky.....	14,250	Wisconsin.....	47,140	54,370
Illinois.....	27,601	35,155	Tennessee.....	19,951	West North Central.....	36,197	34,760
Michigan.....	19,278	33,011	West South Central.....	9,586	Missouri.....	21,243	18,973
Wisconsin.....	158,603	120,501	Arkansas.....	5,235	South Atlantic.....	31,423	26,246
West North Central.....	406,160	382,331	Oklahoma.....	2,841	East South Central.....	70,741	60,317
Minnesota.....	170,908	131,085	Mountain.....	15,012	Tennessee.....	27,022	21,573
Iowa.....	98,347	93,042	Montana.....	1,641	All other regions.....	74,308	77,115
Missouri.....	33,043	42,658	Idaho.....	10,835			
North Dakota.....	31,346	29,003	Pacific.....	21,409	<b>Evaporated milk shipped in bulk (20233):</b>	Value of shipments	
South Dakota.....	20,089	17,761	Washington.....	2,605	United States, total:		
Nebraska.....	34,379	41,999	Oregon.....	9,673	1958.....	84,236	
Kansas.....	18,048	26,781	California.....	9,131	1954.....	91,115	
South Atlantic.....	8,329	13,607			1947.....	102,749	
Maryland.....	3,638	3,647	<b>Dry milk products (20231):</b>			1958 <sup>2</sup>	1954
Virginia.....	2,628	4,339	United States, total <sup>1</sup> .....	412,591	Middle Atlantic.....	21,475	17,018
East South Central.....	16,803	23,420	New England.....	3,690	New York.....	15,226	9,862
Kentucky.....	8,033	10,801	Middle Atlantic.....	36,474	East North Central.....	34,395	39,145
Tennessee.....	6,236	7,115	New York.....	30,031	Ohio.....	1,566	3,915
Mississippi.....	2,226	5,423	East North Central.....	214,363	Indiana.....	3,951	4,084
West South Central.....	14,270	23,322	Ohio.....	19,895	Illinois.....	3,722	7,941
Oklahoma.....	9,024	13,385	Indiana.....	8,870	Michigan.....	3,642	3,402
Texas.....	2,427	6,393	Illinois.....	10,832	Wisconsin.....	21,514	19,802
Mountain.....	38,660	36,371	Michigan.....	36,999	West North Central.....	6,398	12,042
Montana.....	3,497	3,620	Wisconsin.....	137,767	Minnesota.....	3,587	2,076
Idaho.....	20,987	15,147	West North Central.....	120,234	Kansas.....	1,181	1,397
Colorado.....	8,397	10,463	Minnesota.....	79,252	South Atlantic.....	5,754	5,569
Utah.....	3,223	4,539	Iowa.....	24,965	Virginia.....	2,005	3,067
Pacific.....	36,227	57,696	Missouri.....	9,011	East South Central.....	6,538	3,612
Washington.....	10,971	11,569	North Dakota.....	1,436	Tennessee.....	3,641	1,000
Oregon.....	6,453	15,815	South Dakota.....	2,620	West South Central.....	1,960	1,937
California.....	18,803	30,311	Kansas.....	2,617	All other regions.....	8,652	11,793
	Value of shipments		South Atlantic.....	3,217			
<b>Cheese, except cottage cheese (made in natural cheese plants) (20220):</b>	1958 <sup>2</sup>		East South Central.....	2,905	<b>Ice cream mix and ice milk mix (20234):</b>	Value of shipments	
United States, total <sup>1</sup> .....	600,004		West South Central.....	3,884	United States, total:		
New England.....	7,823		Oklahoma.....	1,388	1958.....	119,994	
Vermont.....	4,232		Texas.....	2,208	1957.....	121,806	
Massachusetts.....	1,923		Mountain.....	12,162	1956.....	124,972	
Middle Atlantic.....	41,476		Idaho.....	10,344	1955.....	121,152	
New York.....	35,180		Pacific.....	15,662	1954.....	119,486	
New Jersey.....	1,425		Washington.....	2,928	1947.....	64,449	
Pennsylvania.....	5,059		Oregon.....	2,631			
			California.....	16,103			

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Ice cream mix and ice milk mix (20262)--Continued</u>	1958 <sup>2</sup>	1954	<u>Bulk fluid milk and cream (20261)--Continued</u>	1958 <sup>2</sup>	1954	<u>Bottled milk and cream (20262)--Continued</u>	1958 <sup>2</sup>	1954
New England.....	9,391	7,210	West North Central.....	124,104	75,169	West North Central.....	328,354	261,735
Massachusetts.....	1,377	2,966	Minnesota.....	59,262	30,341	Minnesota.....	84,049	63,697
Connecticut.....	3,524	3,046	Iowa.....	29,305	10,541	Iowa.....	60,214	48,927
Middle Atlantic.....	25,062	26,736	Missouri.....	23,094	21,131	Missouri.....	89,278	80,358
New York.....	13,415	12,690	Nebraska.....	2,096	2,369	North Dakota.....	6,933	5,871
New Jersey.....	2,336	3,519	Kansas.....	7,925	8,881	South Dakota.....	10,325	9,033
Pennsylvania.....	9,311	9,527	South Atlantic.....	40,012	39,450	Nebraska.....	31,452	24,005
East North Central.....	35,767	35,098	Maryland.....	15,636	13,933	Kansas.....	46,103	29,843
Ohio.....	6,913	7,133	Virginia.....	9,346	9,263	South Atlantic.....	471,437	344,016
Indiana.....	3,970	3,996	West Virginia.....	1,768	1,455	Delaware.....	12,436	8,345
Illinois.....	8,227	7,008	North Carolina.....	3,576	8,834	Maryland.....	56,801	48,886
Michigan.....	10,830	9,703	Georgia.....	3,698	2,827	District of Columbia.....	51,479	45,533
Wisconsin.....	5,827	7,257	Florida.....	2,473	1,800	Virginia.....	54,110	33,990
West North Central.....	10,897	10,948	East South Central.....	30,052	33,753	West Virginia.....	34,422	28,438
Minnesota.....	5,156	2,891	Kentucky.....	6,722	8,599	North Carolina.....	69,708	55,254
Iowa.....	1,608	3,117	Tennessee.....	14,458	15,091	South Carolina.....	28,952	17,708
Missouri.....	1,125	2,166	Alabama.....	2,435	3,399	Georgia.....	50,456	38,590
Kansas.....	1,900	1,413	Mississippi.....	6,437	6,663	Florida.....	113,073	67,272
South Atlantic.....	13,270	9,995	West South Central.....	21,445	20,993	East South Central.....	170,162	126,800
Virginia.....	4,156	2,468	Arkansas.....	3,030	5,756	Kentucky.....	47,927	37,123
Georgia.....	1,412	2,592	Louisiana.....	2,455	3,933	Tennessee.....	55,193	43,908
Florida.....	1,046	1,057	Oklahoma.....	2,601	2,453	Alabama.....	47,219	29,694
East South Central.....	4,997	6,489	Texas.....	13,359	8,850	Mississippi.....	19,823	16,075
Kentucky.....	1,217	2,180	Mountain.....	13,946	14,731	West South Central.....	328,511	203,121
Tennessee.....	3,402	3,195	Idaho.....	2,361	2,557	Arkansas.....	27,169	15,489
West South Central.....	4,661	6,378	Colorado.....	4,624	4,406	Louisiana.....	48,390	37,123
Arkansas.....	1,202	1,513	New Mexico.....	1,355	3,377	Oklahoma.....	51,925	23,304
Texas.....	2,421	3,073	Arizona.....	1,653	1,074	Texas.....	201,027	127,115
Mountain.....	2,868	3,232	Utah.....	1,997	1,877	Mountain.....	147,773	86,591
Pacific.....	13,133	13,396	Pacific.....	92,676	85,137	Montana.....	11,800	11,125
Washington.....	2,553	2,615	Washington.....	15,038	11,469	Idaho.....	11,666	10,706
Oregon.....	2,051	1,186	Oregon.....	13,243	11,999	Wyoming.....	5,280	4,726
California.....	8,529	9,595	California.....	64,395	61,669	Colorado.....	43,583	24,368
<u>Bulk fluid milk and cream (20261):</u>	Value of shipments		<u>Bottled milk and cream (20262):</u>	Value of shipments		New Mexico.....	14,363	6,063
United States, total:			United States, total:			Arizona.....	30,394	16,171
1958.....	817,455		1958.....	4,110,344		Utah.....	25,321	8,195
1957.....	824,669		1957.....	3,716,073		Nevada.....	5,366	5,237
1956.....	795,918		1956.....	3,539,997		Pacific.....	505,558	371,603
1955.....	758,681		1955.....	3,267,154		Washington.....	74,819	62,188
1954.....	715,598		1954.....	3,085,970		Oregon.....	44,850	38,096
New England.....	62,526	81,731	New England.....	298,866	263,620	California.....	385,889	271,319
Maine.....	3,037	2,445	Maine.....	20,630	15,369	<u>Cottage cheese ('bakers' cheese, pot cheese, and farmers' cheese) (20263):</u>	Value of shipments	
Vermont.....	16,036	25,817	New Hampshire.....	13,101	12,644	United States, total:		
Massachusetts.....	13,740	25,417	Vermont.....	19,177	11,150	1958.....	185,266	
Connecticut.....	27,778	25,699	Massachusetts.....	135,549	131,846	1954 <sup>3</sup> .....	117,027	
Middle Atlantic.....	176,498	165,713	Rhode Island.....	22,584	21,077	1958 <sup>2</sup>		
New York.....	103,825	118,176	Connecticut.....	87,825	71,534	New England.....	3,919	
New Jersey.....	18,874	10,937	Middle Atlantic.....	919,081	732,825	Middle Atlantic.....	37,794	
Pennsylvania.....	53,799	36,600	New York.....	422,794	353,722	New York.....	29,351	
East North Central.....	256,186	198,921	New Jersey.....	168,539	125,111	East North Central.....	50,026	
Ohio.....	55,100	42,759	Pennsylvania.....	327,748	253,991	Ohio.....	13,805	
Indiana.....	25,591	26,504	East North Central.....	940,602	695,658	Indiana.....	6,235	
Illinois.....	27,906	31,194	Ohio.....	266,731	195,711	Illinois.....	9,569	
Michigan.....	29,342	27,581	Indiana.....	117,522	87,401	Michigan.....	9,498	
Wisconsin.....	118,247	70,882	Illinois.....	254,666	197,135	Wisconsin.....	10,919	
			Michigan.....	203,617	153,524	West North Central.....	21,907	
			Wisconsin.....	98,072	61,887	Minnesota.....	4,262	
						Iowa.....	3,181	
						Missouri.....	7,726	
						Nebraska.....	2,533	
						Kansas.....	3,324	

See footnotes at end of table.

Table 6B.-Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years--Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
Cottage cheese (bakers' cheese, pot cheese, and farmers' cheese) (20265)--Continued	1958 <sup>2</sup>	Buttermilk, chocolate drink and other flavored milk drinks (20264):		Buttermilk, chocolate drink and other flavored milk drinks (20264)--Continued	1958 <sup>2</sup>
		United States, total:			
		1958.....	215,033		
South Atlantic.....	9,467	1954.....	170,684	South Atlantic.....	39,098
			1958 <sup>2</sup>	Maryland.....	2,966
Maryland.....	1,911			District of Columbia.....	3,639
District of Columbia.....	3,040	New England.....	4,890	Virginia.....	4,736
West Virginia.....	1,472			West Virginia.....	2,445
		Massachusetts.....	2,228	North Carolina.....	8,654
East South Central.....	8,525	Connecticut.....	1,583	South Carolina.....	3,319
				Georgia.....	6,472
Kentucky.....	4,846	Middle Atlantic.....	29,882	Florida.....	6,537
Tennessee.....	2,950			East South Central.....	19,325
		New York.....	13,281	Kentucky.....	3,316
West South Central.....	8,791	New Jersey.....	2,912	Tennessee.....	6,953
		Pennsylvania.....	13,689	Alabama.....	5,950
Oklahoma.....	2,333			Mississippi.....	3,126
Texas.....	5,097	East North Central.....	52,241		
				West South Central.....	26,972
Mountain.....	6,036	Ohio.....	16,398	Arkansas.....	2,978
		Indiana.....	7,082	Louisiana.....	2,337
Colorado.....	2,095	Illinois.....	11,510	Oklahoma.....	3,201
		Michigan.....	12,022	Texas.....	18,456
		Wisconsin.....	5,229	Mountain.....	5,973
Pacific.....	38,801	West North Central.....	14,353	Colorado.....	1,743
				Arizona.....	1,729
Washington.....	5,436	Minnesota.....	2,454		
Oregon.....	2,845	Iowa.....	2,128	Pacific.....	20,299
California.....	30,520	Missouri.....	6,268		
		Nebraska.....	1,349	Washington.....	2,518
		Kansas.....	1,517	California.....	16,628

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Revised.

<sup>2</sup>Information for earlier years not comparable to 1958 because of changes in classification. (See text.)

<sup>3</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20210, Arkansas, and Wyoming; 20220, Connecticut, South Dakota, District of Columbia, Georgia, Mississippi, and Texas; 20231, Vermont, Pennsylvania, Maryland, Virginia, Kentucky, and Utah; 20232, New York, Indiana, Michigan, Minnesota, Iowa, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Kentucky, Mississippi, Arkansas, Texas, Idaho, Colorado, Utah, Washington, Oregon, and California; 20233, Pennsylvania, Maryland, Kentucky, Mississippi, Texas, and California; 20234, Maine, Massachusetts, and Maryland; 20261, Rhode Island, South Carolina, and Montana; 20263, Maine and Pennsylvania.

<sup>4</sup>New product class in 1958; geographic information not available for 1954.

Table 6C.-Wholesale and Retail Sales of Bottled Milk and Related Products, by Type of Container: 1958

(Thousands of dollars)

Type of container	Total sales	Retail sales	Wholesale sales
TOTAL.....	<sup>1</sup> 4,323,377	1,625,463	<sup>2</sup> 2,699,914
Paperboard.....	2,440,979	394,827	2,046,152
Glass.....	1,693,337	1,216,700	476,637
Metal dispenser cans.....	111,629	4,664	106,965
Other metal containers (5 gal., 10 gal., etc.).....	77,432	7,272	70,160

<sup>1</sup>Includes bottled milk and cream, ready-whipped cream, buttermilk, chocolate milk, and other flavored milk drinks. See table 6A, product classes 20262 and 20264. Figures are based on reports from the larger plants which accounted for about 80 percent of total sales and are inflated to industry totals.

<sup>2</sup>Includes sales to independent distributors, subdealers, wholesalers, retail dairy and grocery stores, restaurants, hotels, schools, and other institutions. Includes also transfers to retail stores operated by the same company which operated the milk plant.



## DAIRY PRODUCTS

20B-23

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1953		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			DAIRY PRODUCTS INDUSTRIES, TOTAL (GROUP 202)				INDUSTRY 2021—CREAMERY BUTTER			
	Materials, containers and supplies, total.....		xxx	6,462,154	xxx	5,583,420	xxx	774,765	xxx	777,083
202711	Whole milk receipts.....	Cwt.....	928,731,455	3,904,987	1805,271,492	3,248,388	122,078,942	393,639	187,396,984	271,794
202731	Cream receipts.....	..do.....	19,813,522	509,515	129,936,442	619,074	9,890,355	225,271	119,471,428	323,204
206011	Sugar (cane and beet).....	..do.....	7,294,631	66,038	5,229,243	45,935	109,568	909	162,759	1,451
202331	Ice cream mix, sherbet mix and ice-milk mix <sup>2</sup> .....	1,000 gals.	108,934	113,424	93,939	119,765	2,147	1,848	3,028	3,650
202251	Cheese.....	Cwt.....	7,102,733	220,841	5,523,783	175,782	62,625	2,272	72,955	2,314
202751	Fluid skim milk.....	..do.....	71,198,182	69,509	53,645,659	50,946	13,719,793	12,281	7,089,862	6,296
202311	Dried milk.....	1,000 lbs..	434,499	58,516			50,006	5,395		
202313	Condensed and evaporated milk.....	..do.....	817,111	57,580						
970099	All other materials, ingredients, containers, and supplies.....		xxx	1,145,412	xxx	1,323,530	xxx	133,150	xxx	168,374
973000	Materials, nsk.....		xxx	316,332						
			1958		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2022—NATURAL CHEESE				INDUSTRY 2023—CONCENTRATED MILK			
	Materials, containers and supplies, total.....		xxx	528,395	xxx	453,729	xxx	584,306	xxx	505,348
202711	Whole milk receipts.....	Cwt.....	106,426,056	338,561	1120,622,826	354,415	98,842,981	328,847	101,637,036	327,630
202731	Cream receipts.....	..do.....	587,447	17,764	1,034,570	21,909	734,092	20,150	1519,005	14,920
206011	Sugar (cane and beet).....	..do.....	8,856	86	15,745	142	1,033,102	9,217	677,818	6,115
202331	Ice cream mix, sherbet mix and ice-milk mix <sup>2</sup> .....	1,000 gals.	2,309	2,283	...	...	358	412	824	1,079
202251	Cheese.....	Cwt.....	2,381,514	88,547	451,968	17,213	...	...	...	...
202751	Fluid skim milk.....	..do.....	3,621,608	3,779	5,526,652	5,423	38,171,720	32,314	23,455,125	20,539
202311	Dried milk.....	1,000 lbs..	7,472	982			228,538	31,424		
202313	Condensed and evaporated milk.....	..do.....					182,717	13,799		
970099	All other materials, ingredients, containers, and supplies.....		xxx	76,393	xxx	54,629	xxx	148,143	xxx	135,065
973000	Materials, nsk.....						xxx	xxx		
			INDUSTRY 2024—ICE CREAM AND ICES				INDUSTRY 2025—SPECIAL DAIRY PRODUCTS			
	Materials, containers and supplies, total.....		xxx	472,151	xxx	388,010	xxx	149,659	xxx	235,986
202711	Whole milk receipts.....	Cwt.....	7,539,704	33,045	18,523,890	33,677	1,283,737	4,581	16,337,426	21,760
202731	Cream receipts.....	..do.....	3,331,870	97,651	13,883,143	105,772	66,983	2,318	1281,232	7,889
206011	Sugar (cane and beet).....	..do.....	2,809,630	25,046	2,254,461	19,839	67,219	91	61,651	526
202331	Ice cream mix, sherbet mix and ice-milk mix <sup>2</sup> .....	1,000 gals.	57,700	62,701	54,149	66,227	77	23	373	475
202251	Cheese.....	Cwt.....	7,813	591	15,219	244	3,031,578	102,654	4,127,062	143,984
202751	Fluid skim milk.....	..do.....	1,878,740	1,892	5,030,086	5,044	86,415	173	3,197,115	3,180
202311	Dried milk.....	1,000 lbs..	32,704	4,706			8,971	1,057		
202313	Condensed and evaporated milk.....	..do.....	361,327	32,610			833	41		
970099	All other materials, ingredients, containers, and supplies.....		xxx	213,909	xxx	157,207	xxx	38,691	xxx	58,172
973000	Materials, nsk.....		xxx	xxx			xxx	xxx		
			1958				1954			
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2026—FLUID MILK							
	Materials, containers and supplies, total.....		xxx		3,952,878		xxx			3,046,955
202711	Whole milk receipts.....	Cwt.....	592,560,035		2,806,314		1480,753,330			2,239,112
202731	Cream receipts.....	..do.....	5,202,775		146,331		14,747,062			145,380
206011	Sugar (cane and beet).....	..do.....	3,261,936		30,689		2,056,089			17,862
202331	Ice cream mix, sherbet mix and ice-milk mix <sup>2</sup> .....	1,000 gals.		46,343	46,157			35,565		48,334
202251	Cheese.....	Cwt.....		1,619,203	26,777			856,579		12,027
202751	Fluid skim milk.....	..do.....		13,719,906	19,070			9,346,819		10,464
202311	Dried milk.....	1,000 lbs..		106,808	14,952					
202313	Condensed and evaporated milk.....	..do.....		271,606	11,042					
970099	All other materials, ingredients, containers, and supplies.....			xxx			xxx			573,776
973000	Materials, nsk.....			xxx	316,332					

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.<sup>1</sup>In 1954 whole milk and cream receipts were reported in gallons and the figures have been converted to hundredweight (cwt) on the basis of 8.6 pounds of milk to the gallon and 8.39 pounds of cream (40 percent butterfat).<sup>2</sup>Figures represent purchased materials (or materials transferred from other plants of the same company) and do not include materials made and consumed in the same plant.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2021	CREAMERY BUTTER (entire industry).....	1,058	17,295	62,875	12,294	25,561	42,314	147,207	875,257	1,023,460	15,309
	Establishments with:										
	90% or more specialization.....	500	4,574	15,653	3,197	6,418	10,292	40,753	228,316	269,473	2,690
	75-89% specialization.....	238	2,558	8,943	1,811	3,809	6,109	22,541	143,678	166,479	2,128
2022	NATURAL CHEESE (entire industry).....	1,203	13,461	49,389	11,152	22,710	39,092	109,098	578,182	684,248	12,884
	Establishments with:										
	90% or more specialization.....	907	7,435	25,679	6,304	12,235	20,955	65,665	315,407	378,204	8,974
	75-89% specialization.....	206	3,496	13,260	2,814	6,066	10,076	24,704	132,141	156,623	2,468
2023	CONDENSED AND EVAPORATED MILK (entire industry).....	313	13,445	61,443	10,758	23,237	46,547	202,709	613,743	820,649	12,746
	Establishments with:										
	90% or more specialization.....	205	8,203	37,115	6,684	14,371	28,930	144,987	350,662	499,029	7,963
	75-89% specialization.....	35	1,488	6,777	1,188	2,518	5,094	21,151	70,102	92,057	2,311
20231	Dry milk products (primary product class of estab.).....	132	5,612	24,459	4,691	9,823	19,696	74,879	193,647	269,215	4,500
	Establishments with:										
	90% or more specialization....	88	3,194	13,923	2,645	5,579	11,091	50,160	94,166	144,655	2,558
	75-89% specialization.....	12	664	2,896	546	1,113	2,290	8,880	20,201	29,685	571
20232	Canned milk (shipped in consumer type packages) (primary product class of estab.).....	82	5,308	25,015	4,269	9,453	19,109	102,518	289,251	394,844	5,622
	Establishments with:										
	90% or more specialization....	52	2,967	13,758	2,463	5,506	10,976	66,202	66,202	171,796	3,169
	75-89% specialization.....	17	1,459	6,953	1,167	2,485	5,269	22,842	22,842	69,335	1,929
20233	Condensed and evaporated milk, shipped in bulk (barrels, drums, tanks) (primary product class of estab.).....	36	1,034	4,670	815	1,816	3,394	10,415	62,668	73,332	1,214
	Establishments with:										
	90% or more specialization....	10	146	663	124	281	555	1,999	10,211	12,162	( <sup>1</sup> )
20234	Ice cream mix and ice milk mix (primary product class of estab.)..	41	1,306	6,608	821	1,841	3,758	13,689	63,382	77,153	1,351
	Establishments with:										
	90% or more specialization....	18	251	1,247	141	304	612	3,008	9,066	12,034	574
	75-89% specialization.....	5	109	542	77	196	380	1,226	7,857	9,091	( <sup>1</sup> )
2024	ICE CREAM (entire industry).....	1,382	34,562	153,042	18,583	37,511	72,172	393,037	553,924	946,504	26,057
	Establishments with:										
	90% or more specialization.....	1,242	29,052	130,396	15,909	31,738	62,244	339,402	457,699	796,931	21,636
	75-89% specialization.....	44	1,459	5,406	752	1,638	2,561	11,280	24,238	35,398	1,510
2025	SPECIAL DAIRY PRODUCTS (entire industry).....	107	3,571	13,600	2,968	5,775	10,746	23,923	165,468	189,366	1,509
	Establishments with:										
	90% or more specialization.....	90	2,705	9,914	2,229	4,266	7,792	17,990	121,405	140,071	935
2026	FLUID MILK (entire industry).....	5,816	211,468	1,005,677	86,279	182,316	369,306	1,990,805	4,421,074	6,412,333	132,466
	Establishments with:										
	90% or more specialization.....	4,444	137,751	668,302	54,217	113,046	234,314	1,308,137	2,833,599	4,141,253	85,910
	75-89% specialization.....	618	42,027	195,254	16,407	35,712	69,481	368,405	786,252	1,156,029	25,042
20261	Bulk fluid milk and cream (primary product class of estab.).....	551	11,561	50,121	7,585	16,018	31,519	112,422	598,043	711,408	10,158
	Establishments with:										
	90% or more specialization....	266	2,216	9,747	1,290	2,452	4,892	19,198	139,389	158,747	2,134
	75-89% specialization.....	68	1,784	6,630	1,021	2,111	4,022	7,675	93,546	101,654	1,623
20262	Bottled milk and cream (primary product class of estab.).....	3,898	185,804	902,341	68,751	147,664	301,059	1,769,261	3,560,704	5,329,371	110,949
	Establishments with:										
	90% or more specialization....	1,980	60,376	305,061	22,130	46,565	100,588	597,163	1,197,118	1,793,562	38,753
	75-89% specialization.....	1,150	69,987	342,912	27,681	53,020	107,655	644,789	1,292,644	1,938,006	38,600
20263	Cottage cheese (including bakers' cheese, pot cheese, farmers' cheese) (primary product class of estab.).....	93	1,614	7,113	1,239	2,699	4,940	18,444	54,793	73,394	1,034
	Establishments with:										
	90% or more specialization....	61	716	3,181	500	1,016	1,880	5,914	21,322	27,340	542
	75-89% specialization.....	10	275	1,249	225	548	968	2,886	11,666	14,561	( <sup>1</sup> )
20264	Buttermilk, chocolate drink and flavored milk drinks (primary product class of estab.).....	24	282	1,306	153	301	599	4,051	5,264	9,259	151
	Establishments with:										
	90% or more specialization....	17	222	1,027	121	241	462	3,269	4,438	7,648	( <sup>1</sup> )

<sup>2</sup>Revised.<sup>1</sup>Less than \$500 thousand.



# Canned and Frozen Foods

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2031—Canned and Cured Sea Foods
- 2032—Canned Specialties
- 2033—Canned Fruits, Vegetables, Preserves, Jams, and Jellies
- 2034—Dried and Dehydrated Fruits and Vegetables
- 2035—Pickled Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings
- 2036—Fresh or Frozen Packaged Fish
- 2037—Frozen Fruits, Fruit Juices, Vegetables, and Specialties

This group of industries includes establishments primarily engaged in canning, freezing and preserving foods except meats, poultry and milk products. Establishments primarily engaged in canning and freezing meats and poultry are included in Industry Group 201, Meat Products. Those engaged in canning milk are included in Industry Group 202, Dairy Products.

Establishments classified in the canning and preserving industries usually are located in the growing areas, and specialize in the processing of the products grown in the vicinity of the plant. Although individual establishments tend to specialize, the larger companies in these industries usually produce a variety of products through the ownership and operation of a number of establishments.

Employment in many of these establishments is characterized by sharp seasonal fluctuations, reaching a peak during the harvest season. Employment data, as shown in the Census of Manufactures tables, represents sum of the nonproduction employees as of March 15 and the average of the production workers on the payroll for the months of March, May, August and November (except in table 3 where it is based on the twelve months) and will always be greater than the average number of persons at work (see Introduction). Labor fluctuations and turnover are quite pronounced in this group of industries and since these are the two factors contributing most to the spread between persons actually at work and the average annual employment, the difference in these industries is greater than for manufacturing establishments generally. The man-hour statistics shown in tables 2 and 3 represent the total hours actually worked by production workers, and consequently are more reliable as a measure of labor input than are the figures on average number of employees.

In most sections of the country, the crop is usually harvested and processed within a calendar year. However, in the relatively few instances where this period extends beyond the end of the calendar year, reports were based on a crop year and cover a twelve-month period ending early in 1959.

Products canned or frozen at farm produce assembly or purchasing stations, at frozen food lockers, at wholesale or retail establishments, or on farms, whether for home consumption or for resale, are not included in the Census of Manufactures statistics.

Because of the difficulty of securing adequate data on value of shipments from many establishments included in this group of industries, value of production or pack rather than value of shipments was called for on the 1958 Census of Manufactures questionnaires (except for Industry 2034, Dehydrated Fruits and Vegetables). Production data, rather than shipments, were also reported in the 1954 Census of Manufactures.

## 2031—Canned and Cured Sea Foods

This industry comprises establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other sea foods; and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or freezing and packaging fresh fish are classified in Industry 2036. For a detailed list of the products of Industry 2031, refer to table 6A, product codes 2031011 to 2031085.

Under the Standard Industrial Classification Manual followed for the 1958 Census, the definition of Industry 2031 has been revised to include establishments primarily engaged in smoking and curing fish, which formerly were classified in old Industry 2032, Cured Fish. The statistics in all tables have been combined for old Industries 2031 and 2032 to provide data comparable to 1958.

The specialization and coverage ratios for Industry 2031 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

## 2032—Canned Specialties

This industry comprises establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except sea food. Establishments primarily engaged in canning sea food soup are classified in Industry 2031, and those primarily engaged in quick freezing canned specialties in Industry 2037. For a detailed list of products of Industry 2032, refer to table 6A, product codes 2032111 to 2032491.

The revised Standard Industrial Classification Manual followed in 1958 created the new Industry 2032, Canned Specialties and merged the 1954 Cured Fish Industry, formerly designated 2032, into Industry 2031. Most of the establishments classified in the new Industry 2032, Canned Specialties, were classified in Industry 2033, Canned Fruits and Vegetables in 1954, but a few establishments shifted from Industry 2099, Food Preparations, N.E.C. For the industry source of the establishments in the new industry and the effect on the old industries, see table 1A.

Value of shipments and other receipts of the Canned Specialties Industry in 1958 totaled \$846 million. This included shipments of canned specialties (primary products), valued at \$697 million, shipments of other products (secondary products) valued at \$115 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$35 million.



This industry's shipments of canned specialties (primary products) in 1958 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). The specialization ratio for a comparable group of establishments in 1954 is not available.

Industry 2032 shipments of canned specialties (primary products) in 1958 represented 83 percent (coverage ratio) of these products valued at \$836 million shipped by all industries.

#### 2033--Canned Fruits, Vegetables, Preserves, Jams, and Jellies

This industry comprises establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning sea food soups are classified in Industry 2031; and soups, except sea food, and baby foods in Industry 2032. For a detailed list of products of Industry 2033, refer to table 6A, product codes 2033112 to 2033861.

Although the number of this industry was unchanged, the definition for Industry 2033 followed in the 1958 Census of Manufactures has been changed from that in use during 1954 so that a number of establishments formerly classified in Industry 2033 are now classified elsewhere: (1) Establishments primarily producing canned specialties such as soups and spaghetti are classified in Industry 2032. As a result of this modification, 100 establishments with 23,986 employees and adjusted value added of \$338 million shifted to Industry 2032. (2) Establishments primarily producing fruit drinks and ades were shifted to Industry 2086, Soft Drinks. This revision moved 10 establishments with 260 employees and \$5 million adjusted value added from Industry 2033 to Industry 2086. (3) Establishments primarily engaged in canning poultry were reclassified into Industry 2015, Poultry Dressing Plants. Fourteen establishments with 1,944 employees and \$10 million adjusted value added were transferred from Industry 2033. (4) On the other hand, establishments primarily producing tomato sauces, catsup, and chili sauce were classified into new Industry 2033 from old Industry 2035, Pickles and Sauces. Eighty-four establishments with 3,178 employees and 36,096 adjusted value added, shifted into Industry 2033 from Industry 2035.

The effects of these changes on the components of the industries involved are shown in table 1A.

The specialization and coverage ratio for Industry 2033 were over 90 percent in 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Comparable specialization and coverage ratios for 1954 are not available because of significant changes in industry definitions. Definitions of the specialization and coverage ratios are provided in table 5A.

In comparing Census statistics on canned fruits and vegetables with those published by the National Canners Association (NCA), some differences were noted. The principal reasons for difference are (1) the Census reports cover the calendar year, or a fiscal year approximating the calendar year, while the National Canners Association figures cover the crop year, (2) for products packed in glass the NCA reports most glass containers in cases of 24, the Census in cases of 12, and (3) the Census reports for plants with less than 10 employees were tabulated in

the product items captioned "Not specified by kind" rather than under the specific fruit or vegetable.

#### 2034--Dried and Dehydrated Fruits and Vegetables

This industry comprises establishments primarily engaged in sun drying or artificially dehydrating fruits, vegetables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farmdried fruits, such as prunes and raisins, are classified in trade industries.

This industry was unchanged in number and content between 1958 and 1954.

The specialization and coverage ratios for Industry 2034 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

#### 2035--Pickled Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings

This industry comprises establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in Industry 2033, and those packing purchased pickles and olives in trade industries. For a detailed list of Industry 2035, refer to table 6A, product codes 2035211 to 2035445.

The number of this industry was unchanged but the definition of this industry was changed slightly as a result of the revised Standard Industrial Classification Manual in use during 1958 compared to that in use during 1954. Establishments primarily engaged in making tomato sauce, catsup and chili sauce were excluded from Industry 2035 and included in Industry 2033. As a result, 84 establishments with 3,178 employees and \$36 million adjusted value added shifted from Industry 2035 to industry 2033. See table 1A.

Value of shipments and other receipts of the Pickles and Sauces Industry in 1958 totaled \$525 million. This included shipments of pickles and sauces (primary products), valued at \$406 million, shipments of other products (secondary products) valued at \$97 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$22 million.

This industry's shipments of pickles and sauces (primary products) in 1958 represented 81 percent (specialization ratio) of its total product shipments (primary and secondary).

Industry 2035 shipments of pickles and sauces (primary products) in 1958 represented 82 percent (coverage ratio) of these products valued at \$496 million shipped by all industries. Comparable specialization and coverage ratios for 1954 are not available because of significant changes in industry definitions.

#### 2036--Fresh or Frozen Packaged Fish

This industry comprises establishments primarily engaged in preparing fresh, and raw or cooked frozen packaged fish and other sea food. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers. For a



detailed list of products of Industry 2036, refer to table 6A, product codes 2036113 to 2036211.

This industry was unchanged as to number and definition between 1958 and 1954.

The specialization and coverage ratios for Industry 2036 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

#### 2037—Frozen Fruits, Fruit Juices, Vegetables, and Specialties

This industry comprises establishments primarily engaged in quick freezing and cold packing (freezing) fruits, fruit juices, vegetables, and specialties. For a detailed list of products to Industry 2037, refer to table 6A, product codes 2037111 to 2037371.

Under the Standard Industrial Classification Manual in use in 1958, the number of this industry was unchanged but its content modified somewhat.

Establishments primarily freezing and packing prepared foods such as frozen fruit pies, meat pies, baked goods,

complete dinners, etc. were classified into this industry from Industry 2099, Food Preparations, N.E.C. As a result 129 establishments with 14,158 employees and \$114 million adjusted value added were shifted from Industry 2099 and other industries to Industry 2037. See table 1A.

Excluded from this industry, in 1958 and earlier years, are establishments primarily engaged in packing fruits and vegetables for freezing but not freezing the product; cold storage warehouses freezing foods for others, frozen food locker and other establishments freezing for individual consumers or farms and ranches producing frozen fruits and vegetables. Establishments primarily freezing meats and poultry are included in Industry Group 201, Meat Products.

The specialization and coverage ratios for Industry 2037 were approximately 90 percent in 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Comparable specialization and coverage ratios for 1954 are not available because of significant changes in industry definitions. Definitions of the specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### Value Added by Manufacture by State: 1958

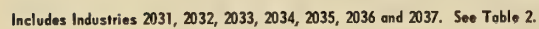




Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2031	Canned and dried specialties: <sup>8</sup>														
	1958.....	303	1,333	1,168	14,713	46,129	13,254	21,077	37,416	100,242	224,990	325,088	2,524	95	91
	1958 (old) <sup>10</sup> .....	(NA)	329	174	16,857	42,771	15,550	23,798	34,833	105,289	220,061	304,798	2,729	96	94
	1947.....	(NA)	204	(NA)	20,153	37,207	18,929	(NA)	31,755	96,807	129,712	226,519	5,206	91	96
	1949.....	(NA)	214	(NA)	16,428	41,284	15,735	(NA)	7,228	25,434	40,022	65,456	(NA)	(NA)	(NA)
	1947.....	(NA)	217	(NA)	(NA)	(NA)	16,358	(NA)	7,117	24,595	38,973	63,568	(NA)	(NA)	(NA)
2032	Canned specialties:														
	1958.....	93	107	60	24,186	109,479	19,496	41,562	81,397	340,847	507,011	846,881	16,409	86	83
2033	Canned fruits and vegetables:														
	1958 (new) <sup>10</sup> .....	1,315	1,607	913	100,084	319,694	88,091	168,480	252,711	808,306	1,420,275	2,227,041	40,131	89	92
	1958 (old) <sup>10</sup> .....	(NA)	1,652	966	123,473	425,099	106,723	209,195	329,906	1,129,552	1,891,490	3,022,515	54,219	90	95
	1947.....	(NA)	(NA)	(NA)	134,547	413,836	109,839	210,899	317,208	965,267	(NA)	2,554,955	70,010	90	95
	1949.....	(NA)	(NA)	(NA)	131,230	424,756	115,769	223,640	335,142	1,123,670	1,711,870	2,513,148	(S)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	127,222	378,436	112,120	213,410	295,078	884,985	1,533,376	2,256,851	45,543	(NA)	(NA)
	1954.....	1,461	1,758	998	119,836	354,746	105,613	206,076	276,063	850,114	1,398,928	2,228,947	49,916	90	94
	1951.....	(NA)	(NA)	(NA)	134,188	367,871	118,883	221,986	290,057	876,799	1,450,561	2,327,360	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	134,102	364,909	117,732	221,732	283,723	850,439	1,421,471	2,271,910	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	140,586	368,680	125,483	244,739	296,613	779,084	1,487,434	2,266,528	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	130,983	311,512	115,120	216,373	240,743	785,619	1,194,157	1,979,776	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	133,086	292,470	118,331	214,765	228,601	619,752	1,083,999	1,703,751	(NA)	(NA)	(NA)
	1947.....	(NA)	2,262	(NA)	135,851	283,859	121,921	243,454	230,883	608,768	1,031,986	1,640,754	77,888	91	94
	1939.....	(NA)	1,899	(NA)	(NA)	(NA)	93,603	(NA)	62,867	227,399	339,056	566,455	(NA)	(NA)	(NA)
	1937.....	(NA)	2,359	(NA)	(NA)	(NA)	123,961	(NA)	81,970	251,245	419,951	671,196	(NA)	(NA)	(NA)
2034 (old SIC 2034)	Dehydrated fruits and vegetables: <sup>14</sup>														
	1958.....	130	161	67	7,599	28,338	6,638	12,781	21,791	75,529	188,220	273,286	6,686	97	93
	1954.....	119	148	64	7,011	22,026	6,102	11,678	16,477	56,039	139,182	194,524	3,421	95	97
	1947.....	120	146	(NA)	3,976	8,145	3,662	7,318	6,834	18,155	32,924	51,079	1,750	96	90
2035	Pickles and sauces:														
	1958 (new) <sup>10</sup> .....	566	619	205	19,500	70,494	15,623	29,792	48,511	164,624	361,454	525,309	11,197	81	82
	1958 (old) <sup>10</sup> .....	(NA)	705	235	22,952	83,955	18,580	36,178	59,014	203,238	444,590	645,692	14,760	79	75
	1947.....	(NA)	(NA)	(NA)	23,166	79,850	19,081	38,391	58,179	179,757	(NA)	571,703	14,897	80	75
	1956.....	(NA)	(NA)	(NA)	22,425	75,868	18,418	37,085	54,842	174,660	(NA)	(NA)	9,223	(NA)	(NA)
	1954.....	642	717	(NA)	21,895	67,084	18,230	35,977	47,594	143,056	357,790	503,088	7,579	80	75
	1953.....	(NA)	(NA)	(NA)	23,223	72,629	18,695	37,692	49,135	155,163	365,976	521,139	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	20,325	55,798	16,588	33,501	41,014	117,853	275,670	393,523	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	23,110	55,668	18,194	34,898	40,496	122,864	321,978	444,842	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	23,843	48,519	18,854	30,506	36,911	126,982	246,894	373,876	(NA)	(NA)	(NA)
	1947.....	637	742	(NA)	21,335	47,177	18,226	(NA)	35,216	121,129	236,731	357,860	11,445	84	69
	1939.....	(NA)	511	(NA)	15,705	15,931	12,464	(NA)	9,827	41,087	80,492	121,579	(NA)	(NA)	(NA)
	1937.....	(NA)	392	(NA)	(NA)	(NA)	11,140	(NA)	9,336	35,868	73,723	109,591	(NA)	(NA)	(NA)
2036	Fresh and frozen packaged fish:														
	1958.....	429	440	223	17,469	40,918	15,457	25,958	31,933	82,368	225,437	307,399	3,637	93	96
	1956.....	(NA)	(NA)	(NA)	11,892	23,589	10,519	16,226	17,356	43,853	(NA)	(NA)	2,435	(NA)	(NA)
	1954.....	288	295	135	12,200	27,190	11,232	18,779	21,549	48,729	129,502	176,766	2,813	94	95
2037	Frozen fruits and vegetables:														
	1958 (new) <sup>10</sup> .....	347	426	263	39,528	126,804	34,138	66,274	96,858	323,789	702,940	1,025,897	19,613	88	91
	1958 (old) <sup>10</sup> .....	(NA)	303	178	26,288	83,352	22,646	43,640	63,278	219,321	472,062	690,100	11,280	79	86
	1954.....	215	266	(NA)	21,436	59,238	18,638	36,104	45,879	170,859	284,805	436,454	9,265	88	84
	1953.....	(NA)	(NA)	(NA)	25,225	65,964	22,501	44,684	53,565	149,137	282,851	431,988	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	20,593	39,460	18,066	30,506	31,484	89,153	138,681	227,834	(NA)	(NA)	(NA)
	1947.....	(NA)	291	(NA)	17,363	31,542	15,770	(NA)	25,833	59,377	95,699	155,076	9,166	89	84
	1939.....	(NA)	61	(NA)	(NA)	(NA)	3,334	(NA)	1,899	4,625	8,423	13,048	(NA)	(NA)	(NA)
	1937.....	(NA)	21	(NA)	(NA)	(NA)	1,963	(NA)	1,332	3,253	4,888	8,141	(NA)	(NA)	(NA)

NA Not available. <sup>12</sup>Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; (However for Industries 2031, 2032, 2033, 2035, 2036, the 1954 figure for all employees is the average of the 12 monthly figures and the figure for production workers was calculated by subtracting from the all employees total the average number of non-production employees for March, May, August, and November); for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1953 and 1954-1958 figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; for 1954 they are the average for the twelve months and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued on next page.

Footnotes for Table 1-20C

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2031	80,899	2035	140,925
2032	(NA)	2036	45,657
2033	830,019	2037	150,007
2034	55,176		

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2031	208,118	167,995	2035	345,759	340,582
2032	482,138	(NA)	2036	204,365	118,968
2033	1,348,628	1,398,928	2037	658,764	268,623
2034	184,102	137,024			

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Production." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of production excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Production (\$1,000)		Industry Code	Value of Production (\$1,000)	
	1958	1954		1958	1954
2031	305,364	238,382	2035	504,462	481,507
2032	813,348	(NA)	2036	282,673	164,625
2033	2,151,113	2,228,947	2037	977,760	417,140
2034	267,285	192,200			

<sup>a</sup>Represents value of shipments.

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2031, Canned seafood and 2032, Cured fish. The data for 1957 and earlier years for these two industries have been combined.

<sup>9</sup>Separate information prior to 1958 is not available. A revision in the Standard Industrial Classification Manual introduced in 1957 created Industry 2032, Canned Specialties. Most establishments classified in this industry in 1958 were classified in Industry 2033, Canned Fruits and Vegetables. See table 1A and the introductory text.

<sup>10</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>11</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>12</sup>The figures for 1939 and 1937 were obtained by combining the figures for industries formerly designated "Canned and dried fruits and vegetables", and "Preserves, jams and jellies." The figures for 1939 are not entirely comparable with those for 1937. Value added by manufacture for 1939 on a basis comparable with 1937 was \$242.4 million.

<sup>13</sup>Prior to 1937, "Canning and preserving, except fish," "Pickles and sauces," and "Frozen foods" constituted one industry. Separate figures are therefore not available.

<sup>14</sup>A substantial part of the commercial output of dried fruits is packed in establishments classified in Wholesale Trade (SIC 50-) and was included in the Census of Business. See Introductory text, no comparable figures available for years prior to 1947. Figures relate to value of shipments rather than value of production.

<sup>15</sup>The figures for 1939 and 1937 were obtained by combining the figures for the former industries "Pickled fruits and vegetables, etc.," and "Salad dressings."

<sup>16</sup>Prior to 1954 many establishments classified in Industry 2036, were classified in Wholesale Trade SIC 5049 and included in the Census of Business. Figures for years prior to 1954 are not available.

<sup>17</sup>The originally published figures for 1939 have been revised to include statistics for 25 establishments primarily engaged in cold-packing fruits and vegetables. Value added for 1939 before revisions and on a basis comparable to 1937 was \$3.9 million.



Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2031—Canned and cured seafood.....	r <sup>333</sup>	r <sup>168</sup>	r <sup>14,713</sup>	r <sup>100,242</sup>	xxx	xxx	xxx	xxx
Old Industry 2031—Canned seafood.....	r <sup>252</sup>	r <sup>142</sup>	r <sup>12,696</sup>	r <sup>87,749</sup>	r <sup>252</sup>	r <sup>142</sup>	r <sup>12,696</sup>	r <sup>87,749</sup>
Old Industry 2032—Cured fish.....	81	26	2,017	12,493	81	26	2,017	12,493
New Industry 2032—Canned specialties.....	107	69	24,186	340,847	xxx	xxx	xxx	xxx
Old Industry 2033—Canned fruits and vegetables.....	100	66	23,986	338,240	xxx	xxx	xxx	xxx
Old Industry 2099—Food preparations, nec.....	7	3	200	2,607	xxx	xxx	xxx	xxx
New Industry 2033—Canned fruits and vegetables.....	1,607	913	100,084	808,306	xxx	xxx	xxx	xxx
Old Industry 2033—Canned fruits and vegetables.....	1,523	884	96,906	772,210	1,652	966	123,473	r <sup>1,129,552</sup>
Old Industry 2035—Pickles and sauces.....	84	29	3,178	36,096	xxx	xxx	xxx	xxx
New Industry 2037—Frozen fruits and vegetables.....	426	263	39,528	323,789	xxx	xxx	xxx	xxx
Old Industry 2037—Frozen fruits and vegetables.....	297	173	25,370	209,444	303	178	26,288	219,321
Old Industry 2099—Food preparations, nec.....	129	90	14,158	114,345	xxx	xxx	xxx	xxx
Other Industries <sup>1</sup> .....								

<sup>1</sup>Includes a very small number of establishments classified into the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not converted because they were not statistically significant. Data combined with those for Industry 2099 to avoid disclosing figures for individual companies.

<sup>2</sup>Revised.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954			1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2031	Canned and cured seafoods, total....	r <sup>333</sup>	r <sup>168</sup>	r <sup>14,713</sup>	r <sup>46,129</sup>	r <sup>13,254</sup>	r <sup>21,077</sup>	r <sup>37,416</sup>	r <sup>100,242</sup>	r <sup>325,088</sup>	2,524	16,857	80,899	22,584
	Northeast and North Central....	r <sup>126</sup>	r <sup>61</sup>	r <sup>3,730</sup>	r <sup>12,075</sup>	r <sup>3,233</sup>	r <sup>5,916</sup>	r <sup>8,716</sup>	r <sup>24,809</sup>	r <sup>77,408</sup>	579	4,131	18,974	3,796
	Maine.....	44	30	1,718	4,174	1,568	2,763	3,442	10,041	21,890	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	Massachusetts....	10	4	137	532	102	206	352	927	4,045	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	New York.....	r <sup>28</sup>	r <sup>9</sup>	r <sup>628</sup>	r <sup>3,173</sup>	r <sup>489</sup>	r <sup>989</sup>	r <sup>1,858</sup>	r <sup>5,420</sup>	r <sup>25,797</sup>	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	Illinois.....	8	4	266	937	211	425	616	1,622	5,776	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	Michigan.....	6	1	111	391	100	172	246	671	2,070	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	South and West....	207	107	10,983	34,054	10,021	15,161	28,700	75,433	247,680	1,945	12,726	61,925	17,488
	Mississippi.....	9	5	344	685	309	408	551	1,440	5,524	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	Louisiana.....	34	17	1,120	2,003	955	1,337	1,536	3,568	14,681	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	Oregon.....	10	6	692	2,173	660	1,073	1,899	8,460	21,148	(2) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
	California.....	35	25	5,703	22,144	5,275	8,441	18,785	44,951	160,146	1,032	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>	(3) <sup>(3)</sup>
2032	Canned specialties, total.....	107	69	24,186	109,479	19,496	41,562	81,397	340,847	846,881	16,409	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	New England.....	8	7	830	3,186	698	1,426	2,475	8,094	20,566	(2) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Maine.....	3	3	570	2,129	505	1,039	1,764	5,205	13,896	(2) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Middle Atlantic....	31	18	9,553	46,182	7,968	17,625	36,911	126,036	314,648	5,027	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	East North Central	31	17	8,397	38,241	6,612	14,008	26,531	126,849	318,106	8,195	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Indiana.....	7	4	1,668	5,721	1,362	3,094	4,015	13,254	48,782	776	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	West North Central	7	5	1,082	3,360	870	1,670	2,129	9,154	24,948	(2) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	South.....	18	14	1,197	3,404	918	2,026	2,580	10,286	30,875	640	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Texas.....	7	7	392	1,105	337	707	878	3,183	10,848	(2) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	West.....	12	8	3,127	15,106	2,430	4,807	10,771	60,428	137,738	2,227	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	California.....	9	7	3,051	14,844	2,372	4,715	10,622	60,085	136,598	2,204	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
2033	Canned fruits and vegetables, total..	1,607	913	100,084	319,694	88,091	168,480	252,711	808,306	2,227,041	40,131	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	New England.....	77	25	1,803	5,765	1,314	2,319	3,310	12,208	38,127	613	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Maine.....	27	12	809	1,693	741	1,167	1,439	2,869	8,852	(2) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Middle Atlantic....	271	166	16,561	52,551	14,434	29,161	40,701	140,647	401,005	7,928	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	New York.....	155	94	8,143	27,142	7,112	14,749	21,218	57,511	179,566	3,440	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	New Jersey.....	41	26	2,645	7,451	2,273	3,973	5,688	19,895	67,530	1,771	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Pennsylvania.....	75	46	5,773	17,958	5,049	10,439	13,795	63,241	153,909	2,717	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	East North Central	408	249	19,543	60,204	17,015	34,497	46,409	142,897	390,607	8,058	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Ohio.....	77	30	2,364	7,057	1,949	3,680	5,201	17,783	47,335	1,868	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Indiana.....	86	47	2,901	7,818	2,585	4,875	6,265	18,002	58,489	528	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Illinois.....	69	39	3,414	12,708	2,905	6,214	9,629	35,594	96,549	1,416	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Michigan.....	66	39	3,219	9,957	2,648	5,243	7,340	24,221	68,786	1,553	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>
	Wisconsin.....	110	94	7,645	22,664	6,928	14,485	17,974	48,765	119,448	2,693	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>	(5) <sup>(5)</sup>

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of production	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2033	Canned fruits and vegetables—Continued													
	West North Central	51	24	3,280	9,147	2,871	4,914	6,730	26,926	63,842	3,774	(5)	(5)	(5)
	Minnesota.....	24	18	2,485	6,885	2,199	3,697	5,055	22,509	50,472	(D)	(5)	(5)	(5)
	Iowa.....	14	4	634	1,789	552	982	1,382	3,357	10,294	(D)	(5)	(5)	(5)
	South.....	436	232	23,347	57,969	20,559	36,928	44,781	124,581	392,112	4,940	(5)	(5)	(5)
	South Carolina..	7	3	205	386	181	266	341	915	2,599	(2)	(5)	(5)	(5)
	Georgia.....	27	14	1,408	2,617	1,262	1,913	2,124	7,014	17,259	(2)	(5)	(5)	(5)
	Kentucky.....	7	4	304	949	238	372	573	2,694	6,317	(2)	(5)	(5)	(5)
	Arkansas.....	27	15	1,726	3,471	1,555	2,618	2,857	6,127	26,879	(2)	(5)	(5)	(5)
	Texas.....	46	27	2,265	6,616	1,942	4,217	4,947	15,490	45,516	554	(5)	(5)	(5)
	Mountain.....	65	30	2,651	7,305	2,345	4,205	5,768	13,985	38,273	1,032	(5)	(5)	(5)
	Idaho.....	12	7	880	2,121	819	1,299	1,745	4,572	12,995	(2)	(5)	(5)	(5)
	Colorado.....	19	9	906	2,430	789	1,471	1,881	4,406	11,248	(2)	(5)	(5)	(5)
	Pacific.....	299	187	32,899	126,753	29,553	56,456	105,012	347,062	903,075	13,786	(5)	(5)	(5)
	Washington.....	50	27	2,987	10,585	2,686	5,288	8,821	32,344	73,657	637	(5)	(5)	(5)
	Oregon.....	45	26	3,871	13,760	3,491	7,095	11,566	31,471	76,602	2,500	(5)	(5)	(5)
	California.....	204	134	26,041	102,408	23,376	44,073	84,625	283,247	752,816	10,649	(5)	(5)	(5)
2034	Dehydrated fruits and vegetables, total.....	161	67	7,599	28,338	6,638	12,781	21,791	75,529	273,286	6,686	7,011	55,176	3,976
	Northeast and North Central....	28	7	824	3,903	628	1,268	2,294	15,862	36,429	603	1,109	14,461	930
	South and West....	133	60	6,775	24,435	6,010	11,513	19,497	59,667	236,857	6,083	5,900	40,713	3,046
	Washington.....	9	7	414	1,572	374	809	1,227	4,064	8,198	(2)	268	1,222	455
	California.....	109	45	5,562	20,243	4,884	9,262	16,108	48,355	207,484	3,037	5,030	36,813	1,701
2035	Pickles and sauces, total.....	619	205	19,500	70,494	15,623	29,792	48,511	164,624	525,309	11,197	(4)	(4)	(4)
	New England.....	26	11	586	1,940	492	900	1,391	5,333	14,721	(2)	(4)	(4)	(4)
	Massachusetts...	17	5	316	1,147	257	509	759	2,281	8,916	(2)	(4)	(4)	(4)
	Connecticut.....	5	3	102	390	96	184	353	2,384	3,806	(2)	(4)	(4)	(4)
	Middle Atlantic...	129	35	3,420	14,298	2,715	5,323	10,128	43,170	122,795	3,026	(4)	(4)	(4)
	New York.....	80	20	1,815	7,365	1,429	2,847	5,050	23,559	61,962	1,928	(4)	(4)	(4)
	New Jersey.....	20	9	1,073	5,063	842	1,619	3,673	16,287	50,460	824	(4)	(4)	(4)
	Pennsylvania....	29	6	532	1,870	444	857	1,405	3,324	10,373	(2)	(4)	(4)	(4)
	East North Central	152	57	5,455	19,573	4,639	8,884	14,437	40,599	129,101	3,980	(4)	(4)	(4)
	Illinois.....	39	13	1,327	6,235	1,092	2,275	4,619	11,624	49,309	526	(4)	(4)	(4)
	Michigan.....	53	18	1,767	5,187	1,550	2,984	4,089	10,670	28,801	2,686	(4)	(4)	(4)
	Wisconsin.....	26	13	1,095	3,299	972	1,686	2,371	6,901	17,108	(2)	(4)	(4)	(4)
	West North Central	50	12	873	2,689	702	1,268	1,740	7,213	19,826	684	(4)	(4)	(4)
	Minnesota.....	11	2	219	744	180	334	480	1,248	3,290	(2)	(4)	(4)	(4)
	Missouri.....	16	6	367	1,118	304	523	742	3,626	10,650	(2)	(4)	(4)	(4)
	South Atlantic....	70	30	3,093	9,394	2,402	4,555	5,974	18,753	69,047	745	(4)	(4)	(4)
	Maryland.....	17	6	574	1,902	445	884	1,234	4,022	13,701	(2)	(4)	(4)	(4)
	Virginia.....	11	5	237	608	211	326	473	1,611	4,284	(2)	(4)	(4)	(4)
	North Carolina..	8	4	484	1,347	423	913	1,086	3,194	8,190	(2)	(4)	(4)	(4)
	South Carolina..	6	2	207	894	119	229	273	2,017	7,408	(2)	(4)	(4)	(4)
	Georgia.....	9	5	1,310	3,803	980	1,793	2,323	6,062	30,792	(2)	(4)	(4)	(4)
	Florida.....	8	2	108	347	81	147	210	741	2,035	(2)	(4)	(4)	(4)
	East South Central	18	7	838	2,788	633	1,231	1,610	5,618	14,652	199	(4)	(4)	(4)
	Alabama.....	5	1	172	389	141	257	297	825	2,396	(2)	(4)	(4)	(4)
	West South Central	48	19	1,914	6,592	1,375	2,799	3,843	12,185	46,358	849	(4)	(4)	(4)
	Louisiana.....	13	7	764	2,827	374	781	1,002	6,057	16,178	(2)	(4)	(4)	(4)
	Texas.....	29	10	940	3,250	799	1,635	2,424	5,135	28,264	531	(4)	(4)	(4)
	Mountain.....	16	5	264	833	213	441	592	2,128	5,364	(2)	(4)	(4)	(4)
	Colorado.....	8	3	144	462	120	236	334	1,167	2,737	(2)	(4)	(4)	(4)
	Pacific.....	110	29	3,057	12,387	2,452	4,391	8,796	29,625	103,445	1,417	(4)	(4)	(4)
	California.....	87	24	2,553	10,906	2,003	3,726	7,548	24,825	85,439	1,131	(4)	(4)	(4)
2036	Fresh and frozen packaged fish, total.....	440	223	17,469	40,918	15,457	25,958	31,933	82,368	307,399	3,637	12,200	45,657	(6)
	New England.....	68	39	3,362	10,913	2,907	5,801	8,460	22,020	81,065	764	2,591	11,846	(6)
	Massachusetts...	52	32	2,709	8,917	2,313	4,611	6,743	17,863	72,322	732	2,088	10,113	(6)
	Middle Atlantic...	44	17	1,276	3,554	1,048	1,852	2,428	8,323	23,430	375	1,179	7,236	(6)
	New York.....	20	5	325	946	277	494	727	2,080	7,712	(2)	405	2,887	(6)
	New Jersey.....	16	7	504	1,011	478	742	899	2,023	4,421	(2)	(NA)	(NA)	(6)
	Pennsylvania....	8	5	447	1,597	293	616	802	4,220	11,297	(2)	(NA)	(NA)	(6)
	North Central....	17	5	330	1,108	275	533	858	2,245	11,260	(2)	84	396	(6)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2036	Fresh and frozen packaged fish—Continued													
	South Atlantic....	192	103	8,426	14,454	7,649	11,531	11,390	27,169	94,309	1,378	5,486	16,442	(6)
	Maryland.....	55	34	1,804	2,804	1,659	2,295	2,414	5,154	16,330	(2)	1,619	3,636	(6)
	Virginia.....	80	39	2,579	4,621	2,334	3,823	3,786	8,362	23,844	641	1,962	5,045	(6)
	North Carolina..	12	4	180	194	153	228	162	381	960	(2)	(NA)	(NA)	(6)
	Georgia.....	8	7	1,977	3,047	1,802	2,564	2,252	6,553	22,235	(2)	1,291	5,367	(6)
	Florida.....	29	17	1,702	3,441	1,545	2,386	2,493	6,252	29,136	(2)	545	2,187	(6)
	East South Central	11	7	210	315	182	323	247	906	2,477	(2)	151	727	(6)
	West South Central	42	24	2,039	4,100	1,807	2,876	3,290	8,683	45,685	(2)	1,575	4,716	(6)
	Louisiana.....	20	9	467	1,038	387	673	837	1,576	6,283	(2)	885	2,454	(6)
	Texas.....	22	15	1,572	3,062	1,420	2,203	2,453	7,107	39,402	(2)	690	2,262	(6)
	Pacific.....	66	28	1,826	6,474	1,589	3,042	5,260	13,022	49,173	542	1,131	4,291	(6)
	Washington.....	27	11	867	3,736	714	1,474	2,873	7,630	33,587	(2)	597	2,874	(6)
	Oregon.....	12	7	414	1,123	390	665	1,001	951	5,176	(2)	383	800	(6)
	California.....	27	10	545	1,615	485	903	1,386	4,441	10,410	(2)	151	616	(6)
2037	Frozen fruits and vegetables, total..	426	263	39,528	126,804	34,138	66,274	96,858	323,789	1,025,897	19,613	(5)	(5)	(5)
	New England.....	24	6	1,351	3,579	1,282	2,542	3,293	8,742	20,729	1,231	(5)	(5)	(5)
	Maine.....	11	4	1,021	2,695	975	1,998	2,513	6,817	15,003	(2)	(5)	(5)	(5)
	Middle Atlantic...	71	41	4,464	14,577	3,733	7,457	10,515	34,015	95,420	3,486	(5)	(5)	(5)
	New York.....	40	23	1,925	5,723	1,708	3,323	4,368	14,829	41,153	799	(5)	(5)	(5)
	East North Central	49	17	1,292	4,325	1,048	2,079	3,039	9,056	28,292	514	(5)	(5)	(5)
	Illinois.....	18	5	361	1,431	290	627	964	2,715	6,131	(2)	(5)	(5)	(5)
	West North Central	19	14	4,282	13,563	3,827	7,776	10,857	29,008	111,646	1,373	(5)	(5)	(5)
	Minnesota.....	4	4	970	3,414	899	2,161	3,036	8,340	18,229	682	(5)	(5)	(5)
	Nebraska.....	4	2	1,160	4,380	933	1,826	2,948	8,502	39,975	(2)	(5)	(5)	(5)
	South Atlantic....	61	49	9,757	32,297	8,013	17,710	23,381	106,287	395,576	6,619	(5)	(5)	(5)
	Delaware.....	4	3	457	1,258	421	810	1,040	2,516	6,152	(2)	(5)	(5)	(5)
	Maryland.....	6	6	1,777	4,962	1,626	3,299	4,195	11,571	34,213	953	(5)	(5)	(5)
	Virginia.....	5	4	1,211	3,357	1,041	2,055	2,500	12,047	28,067	(2)	(5)	(5)	(5)
	North Carolina..	5	4	349	996	302	550	771	2,302	7,479	(2)	(5)	(5)	(5)
	Florida.....	34	28	5,547	20,631	4,265	10,399	14,087	72,671	307,768	4,547	(5)	(5)	(5)
	East South Central	22	11	1,315	3,976	1,111	1,837	2,721	12,843	35,454	715	(5)	(5)	(5)
	West South Central	26	19	2,955	7,507	2,686	4,842	6,120	16,431	47,690	946	(5)	(5)	(5)
	Mountain.....	15	7	1,729	4,760	1,595	2,975	4,161	11,998	27,559	335	(5)	(5)	(5)
	Idaho.....	5	4	1,467	4,077	1,375	2,577	3,564	11,388	24,606	(2)	(5)	(5)	(5)
	Pacific.....	139	99	12,383	42,220	10,843	19,036	32,771	95,409	263,531	4,394	(5)	(5)	(5)
	Washington.....	32	22	1,936	7,768	1,659	3,643	6,309	18,937	46,187	1,016	(5)	(5)	(5)
	Oregon.....	30	18	2,696	8,533	2,433	4,539	6,930	22,798	54,230	1,066	(5)	(5)	(5)
	California.....	77	59	7,751	25,919	6,751	10,854	19,532	53,674	163,114	2,312	(5)	(5)	(5)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees of the employment-size range for that State.

SIC 2031, Canned and Cured Seafoods: Northeast and North Central—Rhode Island, 1 (1-19); Connecticut, 1 (1-19); New Jersey, 13 (500-999); Pennsylvania, 3 (20-99); Ohio, 3 (1-19); Wisconsin, 6 (20-99); Minnesota, 3 (20-99); South and West—Delaware, 2 (100-249); Maryland, 15 (500-999); Virginia, 13 (250-499); North Carolina, 5 (20-99); South Carolina, 5 (100-249); Georgia, 2 (1-19); Florida, 11 (100-249); Alabama, 3 (100-249); Texas, 4 (1-19); Colorado, 2 (20-99); Washington, 57 (1,200).

SIC 2032, Canned Specialties: New England—New Hampshire, 1 (20-99); Massachusetts, 2 (100-249); Connecticut, 2 (20-99); Middle Atlantic—New York, 16 (2,884); New Jersey, 7 (4,259); Pennsylvania, 8 (2,410); East North Central—Ohio, 9 (1,726); Illinois, 9 (3,695); Michigan, 5 (1,000-2,499); Wisconsin, 1 (1-19); West North Central—Minnesota, 2 (250-499); Iowa, 3 (500-999); Missouri, 1 (1-19); Kansas, 1 (100-249); South—Delaware, 1 (20-99); Maryland, 1 (1-19); Virginia, 1 (20-99); North Carolina, 1 (20-99); Florida, 2 (100-249); Tennessee, 3 (250-499); Oklahoma, 2 (100-249); West—Arizona, 1 (1-19); Utah, 1 (20-99); Oregon, 1 (1-19).

SIC 2033, Canned Fruits and Vegetables: New England—New Hampshire, 1 (1-19); Vermont, 3 (20-99); Massachusetts, 28 (500-999); Rhode Island, 4 (1-19); Connecticut, 14 (100-249); West North Central—Missouri, 10 (100-249); North Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); South—Delaware, 19 (1,384); Maryland, 101 (4,754); District of Columbia, 1 (1-19); Virginia, 55 (2,358); West Virginia, 7 (500-999); North Carolina, 13 (100-249); Florida, 78 (5,049); Tennessee, 12 (500-999); Alabama, 3 (250-499); Mississippi, 2 (100-249); Louisiana, 19 (1,160); Oklahoma, 12 (500-999); Mountain—Montana, 5 (20-99); Wyoming, 2 (20-99); New Mexico, 1 (1-19); Arizona, 6 (20-99); Utah, 20 (500-999).

SIC 2034, Dehydrated Fruits and Vegetables: Northeast and North Central—Massachusetts, 1 (1-19); New York, 16 (250-499); New Jersey, 2 (1-19); Pennsylvania, 2 (20-99); Indiana, 1 (1-19); Illinois, 5 (250-499); Michigan, 1 (1-19); South and West—North Carolina, 1 (1-19); Florida, 1 (1-19); Mississippi, 1 (1-19); Louisiana, 1 (1-19); Idaho, 5 (500-999); Colorado, 1 (20-99); Arizona, 1 (1-19); Oregon, 4 (20-99).

SIC 2035, Pickles and Sauces: New England—Maine, 3 (100-249); Rhode Island, 1 (20-99); East North Central—Ohio, 24 (500-999); Indiana, 10 (500-999); West North Central—Iowa, 10 (100-249); South Dakota, 1 (1-19); Nebraska, 5 (20-99); Kansas, 7 (100-249); South Atlantic—Delaware, 6 (100-249); District of Columbia, 3 (20-99); West Virginia, 2 (1-19); East South Central—Kentucky, 2 (250-499); Tennessee, 8 (20-99); Mississippi, 3 (100-249); West South Central—Arkansas, 3 (100-249); Oklahoma, 3 (1-19); Mountain—Idaho, 2 (1-19); Arizona, 2 (20-99); Utah, 4 (20-99); Pacific—Washington, 12 (250-499); Oregon, 11 (100-249).

SIC 2036, Packaged Seafood: New England—Maine, 11 (500-999); New Hampshire, 2 (20-99); Rhode Island, 3 (20-99); North Central—Ohio, 4 (100-249); Illinois, 2 (1-19); Michigan, 4 (1-19); Wisconsin, 4 (20-99); Minnesota, 1 (1-19); Missouri, 2 (100-249); South Atlantic—Delaware, 2 (20-99); South Carolina, 6 (100-249); East South Central—Kentucky, 1 (20-99); Alabama, 1 (20-99); Mississippi, 9 (100-249).

SIC 2037, Frozen Fruits and Vegetables: New England—New Hampshire, 1 (100-249); Massachusetts, 10 (100-249); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 9 (1,000-2,499); Pennsylvania, 22 (1,000-2,499); East North Central—Ohio, 1 (1-19); Indiana, 3 (100-249); Michigan, 24 (500-999); Wisconsin, 3 (20-99); West North Central—Iowa, 2 (500-999); Missouri, 8 (1,619); Kansas, 1 (20-99); South Atlantic—West Virginia, 1 (20-99); South Carolina, 1 (1-19); Georgia, 5 (250-499); East South Central—Kentucky, 7 (250-499); Tennessee, 14 (500-999); Alabama, 1 (100-249); West South Central—Arkansas, 6 (1,147); Louisiana, 4 (100-249); Oklahoma, 3 (250-499); Texas, 13 (1,379); West—Colorado, 4 (20-99); New Mexico, 1 (1-19); Arizona, 1 (100-249); Utah, 4 (20-99).

Footnotes continued on next page.

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>Figures for this State can not be shown on a combined basis without disclosing figures for individual companies. See table 2 for old SIC Industries 2031 "Canned Seafood and 2032 "Cured Fish" for figures published for each industry separately.<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>5</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see tables 1A, 2A and text of this report).<sup>6</sup>See footnote 16 of table 1.

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2033	Canned fruits and vegetables <sup>2</sup> , total.	1,652	966	123,473	425,099	106,723	209,195	329,906	<sup>R</sup> 1,129,552	3,022,515	54,219	119,836	830,019	135,851
	New England.....	82	34	2,763	9,365	2,101	3,982	5,967	21,128	61,623	760	2,522	14,178	3,141
	Maine.....	32	17	1,484	4,098	1,331	2,392	3,379	8,490	24,947	451	1,392	5,991	1,837
	Massachusetts...	31	10	983	4,326	546	1,139	1,986	10,645	31,047	( <sup>3</sup> )	844	7,025	1,090
	Middle Atlantic...	270	174	25,243	95,730	21,618	45,948	75,110	<sup>R</sup> 245,000	692,778	13,442	25,248	202,411	25,266
	New York.....	160	100	10,671	36,501	9,365	20,064	29,309	<sup>R</sup> 81,296	269,675	4,981	10,271	78,036	9,452
	New Jersey.....	36	25	6,378	31,260	5,074	11,250	23,675	81,265	206,098	4,282	7,942	77,788	8,088
	Pennsylvania....	74	49	8,194	27,969	7,179	14,634	22,126	81,939	217,005	4,179	7,034	46,585	7,726
	East North Central	420	257	27,402	96,494	23,003	47,372	70,926	266,043	693,893	15,107	26,578	186,502	30,775
	Indiana.....	80	16	4,246	12,429	3,666	7,362	9,456	29,582	99,421	1,252	3,953	22,419	6,576
	Illinois.....	79	45	7,432	33,410	6,184	12,981	24,979	100,551	245,267	4,596	7,710	72,982	8,331
	Michigan.....	71	42	4,593	16,391	3,523	6,896	10,388	42,794	123,761	3,008	4,117	33,069	4,028
	West North Central	60	32	5,425	15,808	4,721	8,559	11,512	41,004	104,716	2,431	4,120	25,680	5,692
	Minnesota.....	28	21	3,957	11,465	3,485	6,223	8,545	30,195	72,502	2,140	2,328	17,722	2,999
	South Atlantic...	318	157	16,488	41,037	14,503	25,565	32,036	99,212	273,198	4,001	19,118	74,394	20,674
	Delaware.....	21	21	1,628	3,482	1,479	2,392	2,839	6,204	18,108	798	1,548	5,151	1,677
	Maryland.....	103	56	4,796	11,748	4,163	7,375	8,951	22,789	72,643	625	6,645	19,233	7,570
	Virginia.....	55	23	2,378	5,571	2,085	3,656	4,216	12,157	33,260	( <sup>3</sup> )	2,378	11,398	3,038
	Florida.....	81	34	5,227	14,698	4,588	8,557	11,746	45,510	115,571	1,609	6,433	31,432	5,982
	East South Central	27	19	2,124	5,715	1,826	3,493	4,265	16,949	46,381	488	2,172	11,236	2,119
	Kentucky.....	7	4	304	949	238	368	573	2,694	6,317	( <sup>3</sup> )	319	1,657	443
	Tennessee.....	15	10	1,289	3,312	1,141	2,260	2,703	9,166	26,656	( <sup>3</sup> )	1,203	6,781	1,246
	West South Central	108	70	6,091	15,070	5,286	9,842	11,366	30,582	105,554	1,252	6,141	19,464	8,267
	Arkansas.....	27	15	1,726	3,471	1,555	2,583	2,857	6,127	26,879	( <sup>3</sup> )	1,549	5,550	2,407
	Louisiana.....	18	13	1,084	2,765	940	1,665	1,845	3,871	14,142	( <sup>3</sup> )	1,128	1,889	470
	Oklahoma.....	12	9	657	1,203	534	695	895	2,016	8,934	( <sup>3</sup> )	734	2,192	424
	Texas.....	51	33	2,624	7,631	2,257	4,899	5,769	18,568	55,599	635	2,729	9,831	5,006
	West.....	367	223	37,937	145,880	33,665	64,434	118,724	409,634	1,044,372	16,738	33,934	296,152	39,917
	Idaho.....	12	7	880	2,121	819	1,297	1,745	4,572	12,995	( <sup>3</sup> )	385	1,592	422
	Utah.....	21	11	732	2,464	629	1,286	1,916	4,737	12,185	( <sup>3</sup> )	846	3,541	1,786
	Washington.....	50	27	3,047	10,946	2,744	5,469	9,164	33,492	76,378	604	3,432	28,256	5,321
	California.....	204	138	28,270	113,543	25,003	47,506	92,003	330,230	851,955	12,580	24,732	235,425	26,774
2035	Pickles and sauces <sup>2</sup> , total.....	705	235	22,952	43,955	18,580	36,178	59,014	203,238	645,692	14,760	21,895	140,925	21,335
	New England.....	35	11	615	2,020	520	1,003	1,472	5,372	15,150	( <sup>3</sup> )	545	4,191	476
	Massachusetts...	9	5	326	1,162	267	529	777	2,255	8,944	( <sup>3</sup> )	312	2,100	315
	Connecticut.....	9	3	112	436	106	256	399	2,450	4,094	( <sup>3</sup> )	133	1,561	( <sup>4</sup> )
	Middle Atlantic...	158	46	4,351	17,796	3,516	7,125	12,715	50,197	150,243	3,325	4,802	32,067	4,911
	New York.....	89	24	2,101	8,868	1,677	3,648	6,218	25,926	71,775	2,060	2,461	12,667	3,120
	New Jersey.....	30	14	1,574	6,628	1,274	2,387	4,818	18,862	63,674	905	1,424	13,025	1,210
	Pennsylvania....	39	8	676	2,300	565	1,090	1,679	5,409	14,794	360	917	6,374	581
	North Central....	234	86	7,984	28,618	6,691	13,080	20,829	63,875	200,386	7,436	7,627	43,780	8,054
	Ohio.....	33	14	1,363	5,158	1,133	2,270	3,731	11,876	43,001	482	1,309	8,185	1,445
	Illinois.....	43	15	1,636	7,819	1,290	2,685	5,542	18,738	68,125	717	1,601	12,751	1,475
	Wisconsin.....	26	13	1,095	3,299	972	1,686	2,371	6,629	17,108	407	1,064	5,225	1,316
	Minnesota.....	11	2	219	744	180	337	480	1,203	3,290	453	208	1,232	...
	Missouri.....	18	7	411	1,274	336	590	831	3,987	11,740	144	293	1,333	348
	South Atlantic...	70	30	3,095	9,416	2,404	4,552	5,993	17,811	69,105	739	2,899	14,066	2,165
	Maryland.....	17	6	574	1,902	445	891	1,234	3,772	13,701	100	804	3,543	695
	Virginia.....	12	5	240	631	214	329	493	1,641	4,364	178	203	1,425	182
	North Carolina..	8	4	484	1,347	423	907	1,086	3,068	8,190	132	496	1,793	460
	South Carolina..	6	2	207	894	119	227	273	1,834	7,408	35	170	2,018	68
	Florida.....	8	2	108	347	81	141	210	741	2,035	46	53	193	...
	East South Central	18	7	838	2,788	633	1,245	1,610	5,526	14,652	199	835	4,317	771
	Alabama.....	5	1	172	389	141	257	297	821	2,396	16	212	891	122
	West South Central	52	19	1,944	6,680	1,397	2,852	3,899	11,784	46,765	852	1,728	9,571	1,358
	Louisiana.....	13	7	764	2,827	374	789	1,002	6,059	16,178	267	717	4,789	754
	Mountain.....	18	5	274	870	221	465	619	2,215	5,664	163	554	2,281	466
	Pacific.....	120	31	3,851	15,767	3,198	5,856	11,876	46,458	143,727	1,862	2,901	30,648	3,134
	California.....	97	26	3,347	14,286	2,749	5,177	10,629	41,081	125,721	1,576	2,392	26,903	2,555

See footnotes at end of table.



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction. For discussion of change in SIC see text.)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of production	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2037	Frozen fruits and vegetables <sup>2</sup> , total.	303	178	26,288	83,352	22,646	43,640	63,278	219,321	690,100	11,280	21,436	150,007	17,363
	New England.....	20	4	1,056	2,794	999	2,044	2,600	7,540	17,755	( <sup>3</sup> )	147	582	1,481
	Middle Atlantic...	37	22	3,192	10,376	2,703	5,669	7,672	23,208	61,394	955	3,811	21,586	3,654
	New York	24	14	1,366	3,667	1,276	2,446	3,049	11,117	24,476	( <sup>3</sup> )	1,665	9,350	1,452
	North Central....	39	12	1,365	4,222	1,178	2,269	3,137	11,010	27,338	722	1,384	8,398	1,605
	Michigan.....	20	8	676	2,016	564	913	1,273	6,157	16,328	( <sup>3</sup> )	539	2,150	830
	South Atlantic....	49	38	7,131	24,190	5,722	13,031	16,964	81,632	326,595	4,430	5,511	47,328	2,272
	East South Central	16	6	657	1,210	596	704	892	4,020	9,962	( <sup>3</sup> )	495	1,397	518
	West South Central	11	8	1,126	2,124	1,055	1,765	1,771	3,530	9,148	( <sup>3</sup> )	836	4,572	1,045
	West.....	131	88	11,761	38,436	10,393	18,158	30,242	88,381	237,908	4,504	9,250	66,141	6,788
	Washington.....	32	23	1,965	7,817	1,686	3,689	6,368	19,194	46,449	1,044	2,212	16,410	2,399
	California.....	60	44	6,181	19,526	5,423	8,396	14,751	40,523	121,450	2,209	4,578	35,645	2,004

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees of the employment-size range for that State.

SIC 2033, Canned Fruits, Vegetables, Preserves, Jams, and Jellies: New England—New Hampshire, 2 (20-99); Vermont, 3 (20-99); Rhode Island, 2 (1-19); Connecticut, 12 (100-249); East North Central—Ohio, 79 (2,500-4,999); Wisconsin, 111 (5,000 and over); West North Central—Iowa, 17 (500-999); Missouri, 10 (100-249); North Dakota, 1 (1-19); Nebraska, 2 (250-499); Kansas, 2 (100-249); South Atlantic—District of Columbia, (1-19); West Virginia, 7 (500-999); North Carolina, 14 (100-249); South Carolina, 7 (100-249); Georgia, 29 (1,000-2,499); East South Central—Alabama, 3 (250-499); Mississippi, 2 (100-249); West—Wyoming, 2 (20-99); Colorado, 18 (500-999); New Mexico, 1 (1-19); Arizona, 7 (20-99); Pacific—Oregon, 47 (2,500-4,999).

SIC 2035, Pickles and Sauces: New England—Maine, 4 (100-249); Rhode Island, 3 (20-99); North Central—Indiana, 24 (500-999); Michigan, 55 (1,000-2,499); West North Central—Iowa, 11 (250-499); South Dakota, 1 (1-19); Nebraska, 5 (20-99); Kansas, 7 (100-249); South Atlantic—Delaware, 6 (100-249); District of Columbia, 3 (20-99); West Virginia, 2 (1-19); Georgia, 8 (1,000-2,499); East South Central—Kentucky, 2 (250-499); Tennessee, 8 (20-99); Mississippi, 3 (100-249); West South Central—Arkansas, 3 (100-249); Oklahoma, 5 (1-19); Texas, 31 (500-999); Mountain—Montana, 1 (1-19); Idaho, 2 (1-19); Colorado, 9 (100-249); Arizona, 2 (20-99); Utah, 4 (20-99); Pacific—Washington, 12 (250-499); Oregon, 11 (100-249).

SIC 2037, Frozen Fruits and Vegetables: New England—Maine, 10 (500-999); Massachusetts, 8 (20-99); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 3 (1,000-2,499); Pennsylvania, 10 (250-499); North Central—Ohio, 1 (1-19); Illinois, 8 (100-249); Wisconsin, 3 (20-99); West North Central—Minnesota, 2 (500-999); Iowa, 1 (1-19); Missouri, 2 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Delaware, 4 (250-499); Maryland, 4 (500-999); Virginia, 2 (250-499); North Carolina, 3 (100-249); South Carolina, 1 (1-19); Georgia, 4 (250-499); Florida, 31 (5,000 and over); East South Central—Kentucky, 4 (20-99); Tennessee, 12 (500-999); West South Central—Arkansas, 3 (250-499); Louisiana, 3 (100-249); Oklahoma, 1 (100-249); Texas, 4 (500-999); West—Idaho, 4 (1,000-2,499); Colorado, 3 (20-99); New Mexico, 1 (1-19); Utah, 4 (20-99); Pacific—Oregon, 28 (1,000-2,499).

<sup>2</sup>See footnote 10 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.

Table 3.-Detailed Statistics for the United States: 1958

Item	Canned and cured sea- foods (SIC 2031)	Canned specialties (SIC 2032)	Canned fruits and vegetables (SIC 2033)	Dehydrated fruits and vegetables (SIC 2034)	Pickles and sauces (SIC 2035)	Fresh or frozen packaged fish (SIC 2036)	Frozen fruits and vegetables (SIC 2037)
Primary product specialization ratio <sup>1</sup> .....	95	86	89	97	81	93	88
Coverage ratio <sup>2</sup> .....	91	83	92	93	82	96	91
Number of establishments, total.....	<sup>r</sup> 333	107	1,607	161	619	440	426
With 1-19 employees.....	<sup>r</sup> 165	38	694	94	414	217	163
With 20-99 employees.....	<sup>r</sup> 152	35	627	41	157	187	138
With 100 employees or more.....	16	34	286	26	48	36	125
Proprietors and working partners.....Number..	<sup>r</sup> 200	<sup>r</sup> 30	<sup>r</sup> 705	<sup>r</sup> 86	<sup>r</sup> 409	<sup>r</sup> 344	<sup>r</sup> 116
All employees:							
Number (average for the year).....	<sup>r</sup> 315,415	<sup>3</sup> 25,064	<sup>3</sup> 97,651	7,599	<sup>3</sup> 19,097	<sup>3</sup> 17,608	<sup>3</sup> 38,455
Payroll.....\$1,000..	<sup>r</sup> 46,129	109,479	319,694	28,338	70,494	40,918	126,804
Production workers:							
Number (average for the year).....	<sup>r</sup> 314,146	<sup>3</sup> 20,374	<sup>3</sup> 85,658	6,638	<sup>3</sup> 15,220	<sup>3</sup> 15,596	<sup>3</sup> 33,065
January.....	10,598	21,151	47,481	(NA)	12,633	15,738	27,199
February.....	<sup>r</sup> 11,221	20,135	46,091	(NA)	12,926	15,674	26,697
March.....	<sup>r</sup> 10,778	15,645	49,255	5,738	13,374	15,943	28,406
April.....	11,518	19,625	50,819	(NA)	13,469	14,750	29,754
May.....	<sup>r</sup> 11,751	19,441	56,098	4,840	14,787	13,799	32,206
June.....	12,367	19,340	70,345	(NA)	16,868	13,457	36,695
July.....	<sup>r</sup> 15,295	20,158	115,621	(NA)	18,686	14,549	35,168
August.....	<sup>r</sup> 17,200	22,171	170,585	6,482	21,143	14,322	40,586
September.....	19,375	24,247	174,523	(NA)	18,857	16,176	37,878
October.....	<sup>r</sup> 18,238	22,129	110,499	(NA)	13,657	18,024	35,885
November.....	<sup>r</sup> 15,372	20,772	76,425	9,492	13,366	17,340	35,058
December.....	13,209	19,683	60,159	(NA)	12,875	17,381	31,259
Man-hours.....1,000..	<sup>r</sup> 21,077	41,562	168,480	12,781	29,792	25,958	66,274
January-March.....do....	<sup>r</sup> 3,775	9,825	21,567	2,757	6,285	6,512	14,403
April-June.....do....	<sup>r</sup> 4,423	9,358	28,664	2,362	7,303	5,887	15,846
July-September.....do....	<sup>r</sup> 7,296	11,750	77,234	3,159	9,679	6,301	18,671
October-December.....do....	<sup>r</sup> 5,583	10,629	41,015	4,503	6,525	7,258	17,354
Wages.....\$1,000..	<sup>r</sup> 37,416	81,397	252,711	21,791	48,511	31,933	96,858
Cost of materials, etc., total.....do....	<sup>r</sup> 224,990	507,011	1,420,275	188,220	361,454	225,437	702,940
Materials, parts, containers, and supplies consumed.....do....	<sup>r</sup> 205,164	474,646	1,327,666	180,956	341,768	200,635	644,193
Cost of resales.....do....	<sup>r</sup> 16,872	24,873	71,647	5,220	15,695	21,072	43,074
Fuels consumed.....do....	<sup>r</sup> 1,466	4,747	12,591	1,171	1,570	800	5,803
Electricity purchased.....do....	<sup>r</sup> 746	1,829	6,444	716	1,440	1,168	6,403
Contract work.....do....	<sup>r</sup> 742	916	1,927	157	981	1,762	3,467
Value of production (including resales), total <sup>4</sup> .....do....	<sup>r</sup> 325,088	846,881	2,227,041	273,286	525,309	307,399	1,025,897
Value of resales.....do....	19,724	33,533	75,928	6,001	20,847	24,726	48,137
Value added by manufacture, adjusted.....do....	<sup>r</sup> 100,242	340,847	808,306	75,529	164,624	82,368	323,789
Manufacturers' inventories:							
Beginning of year, total.....do....	<sup>r</sup> 62,276	153,830	738,842	61,892	83,520	29,922	186,734
Finished products.....do....	52,576	116,783	637,466	31,548	38,495	20,801	138,362
Work-in-process.....do....	<sup>r</sup> 767	1,501	23,982	11,518	12,919	436	12,633
Materials, supplies, fuel, etc.....do....	<sup>r</sup> 8,933	35,546	77,394	18,826	32,106	8,685	35,739
End of year, total.....do....	<sup>r</sup> 75,561	176,450	780,526	49,848	85,226	39,346	200,712
Finished products.....do....	64,909	129,561	672,991	22,315	38,729	26,808	148,888
Work-in-process.....do....	<sup>r</sup> 911	2,478	25,522	11,214	13,688	842	13,465
Materials, supplies, fuel, etc.....do....	<sup>r</sup> 9,741	44,411	82,013	16,319	32,809	11,696	38,359
Expenditures for plant and equipment, total.....do....	2,943	16,796	42,617	7,233	11,650	4,471	20,140
New, total.....do....	2,524	16,409	40,131	6,686	11,197	3,637	19,613
New structures and additions to plant.....do....	649	6,380	12,778	2,242	5,528	1,389	5,438
New machinery and equipment.....do....	1,875	10,029	27,353	4,444	5,669	2,248	14,175
Used plant and equipment.....do....	( <sup>5</sup> )	( <sup>5</sup> )	2,486	547	( <sup>5</sup> )	834	527

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Figures for the average number of "production workers" and "all employees" do not agree with those appearing in tables 1, 2, 4, and 8. In table 3, the figure for production workers is the average of the twelve monthly figures whereas in tables 1, 2, 4, and 8, it is the average of the figures for the months of March, May, August, and November. In all tables the figure for "all employees" is the sum of the respective average of production workers and the nonproduction employees as of March 15. See table 2, footnote 2.

<sup>4</sup>Except for Industry 2034, Dehydrated Fruit and Vegetables, in which value of shipments is reported.

<sup>5</sup>Less than \$500 thousand.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2031	Canned and cured seafood:											
	Number of establishments.....	<sup>r</sup> 333	75	44	46	99	<sup>r</sup> 51	9	6	2	1	...
	All employees:											
	Number.....	<sup>r</sup> 14,713	165	298	601	<sup>r</sup> 3,314	3,535	1,482	2,180	<u>3,138</u>	(D)	...
	Payroll.....\$1,000..	<sup>r</sup> 46,129	550	883	1,704	<sup>r</sup> 8,924	9,264	4,846	7,497	<u>12,461</u>	(D)	...
	Value added, adjusted..do...	<sup>r</sup> 100,242	1,781	1,907	3,739	<sup>r</sup> 17,698	19,834	9,615	16,862	<u>28,806</u>	(D)	...
	Value of production....do....	<sup>r</sup> 325,088	5,290	6,714	11,656	<sup>r</sup> 58,647	58,916	29,081	59,916	<u>94,868</u>	(D)	...
	Capital expend., new...do....	2,524	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	626	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<u>798</u>	(D)	...
2032	Canned specialties:											
	Number of establishments.....	107	14	11	13	20	15	11	14	3	4	2
	All employees:											
	Number.....	24,186	39	85	187	627	1,126	1,707	5,005	<u>15,410</u>	(D)	(D)
	Payroll.....\$1,000..	109,479	128	332	614	2,343	3,124	6,931	17,158	<u>78,849</u>	(D)	(D)
	Value added, adjusted..do...	340,847	215	636	1,353	5,218	7,132	22,576	56,389	<u>247,328</u>	(D)	(D)
	Value of production....do....	846,881	636	1,769	3,922	14,568	24,921	59,774	156,320	<u>584,971</u>	(D)	(D)
	Capital expend., new...do....	16,409	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	962	1,983	<u>12,702</u>	(D)	(D)
2033	Canned fruits and vegetables:											
	Number of establishments.....	1,607	285	149	260	377	250	205	61	19	1	...
	All employees:											
	Number.....	100,084	605	1,007	3,625	12,209	17,612	31,261	20,759	<u>13,006</u>	(D)	...
	Payroll.....\$1,000..	319,694	2,107	3,362	11,002	35,261	49,942	98,456	69,356	<u>50,208</u>	(D)	...
	Value added, adjusted..do...	808,306	4,898	6,399	24,005	76,944	114,786	239,122	190,112	<u>152,040</u>	(D)	...
	Value of production....do....	2,227,041	13,912	20,366	70,024	222,604	320,622	665,757	506,079	<u>407,677</u>	(D)	...
	Capital expend., new...do....	40,131	( <sup>1</sup> )	( <sup>1</sup> )	2,037	3,799	4,739	13,016	10,832	<u>4,925</u>	(D)	...
2034	Dehydrated fruits and vegetables:											
	Number of establishments.....	161	49	23	22	28	13	20	5	1	...	...
	All employees:											
	Number.....	7,599	91	154	302	945	963	3,007	2,137	(D)	...	...
	Payroll.....\$1,000..	28,338	504	590	1,014	3,273	3,801	10,623	8,533	(D)	...	...
	Value added, adjusted..do...	75,529	708	2,265	6,415	10,107	9,780	24,004	22,250	(D)	...	...
	Value of production....do....	273,286	3,505	9,357	19,700	35,123	28,639	78,284	98,678	(D)	...	...
	Capital expend., new...do....	6,686	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4,261	1,208	(D)	...	...
2035	Pickles and sauces:											
	Number of establishments.....	619	224	93	97	112	45	32	15	1	...	...
	All employees:											
	Number.....	19,500	454	630	1,329	3,494	2,997	5,057	5,539	(D)	...	...
	Payroll.....\$1,000..	70,494	1,306	2,032	4,402	11,136	10,499	17,873	23,246	(D)	...	...
	Value added, adjusted..do...	164,624	3,568	4,566	9,229	22,402	26,110	37,454	61,295	(D)	...	...
	Value of production....do....	525,309	10,357	14,576	26,849	69,917	73,432	134,626	195,552	(D)	...	...
	Capital expend., new...do....	11,197	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,385	972	2,883	4,833	(D)	...	...
2036	Fresh and frozen packaged fish:											
	Number of establishments.....	440	62	68	87	134	53	27	8	1	...	...
	All employees:											
	Number.....	17,469	143	447	1,198	4,151	3,601	4,318	3,611	(D)	...	...
	Payroll.....\$1,000..	40,918	385	892	2,646	8,775	8,349	10,110	9,761	(D)	...	...
	Value added, adjusted..do...	82,368	2,041	2,270	5,692	15,999	16,679	21,890	17,797	(D)	...	...
	Value of production....do....	307,399	3,723	7,959	17,623	57,809	66,335	85,277	68,673	(D)	...	...
	Capital expend., new...do....	3,637	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	866	978	529	506	(D)	...	...
2037	Frozen fruits and vegetables:											
	Number of establishments.....	426	51	46	66	81	57	88	23	13	1	...
	All employees:											
	Number.....	39,528	119	333	902	2,657	4,098	13,620	7,897	<u>9,902</u>	(D)	...
	Payroll.....\$1,000..	126,804	358	988	2,380	9,281	13,916	41,966	23,953	<u>33,962</u>	(D)	...
	Value added, adjusted..do...	323,789	702	2,228	7,364	22,421	37,554	114,597	61,102	<u>77,821</u>	(D)	...
	Value of production....do....	1,025,897	5,114	8,156	21,421	65,612	108,434	373,094	192,577	<u>251,489</u>	(D)	...
	Capital expend., new...do....	19,613	538	( <sup>1</sup> )	( <sup>1</sup> )	1,774	1,856	8,250	2,471	<u>4,195</u>	(D)	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>r</sup>Revised.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis, Summary of Industry and Primary Production, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the production values of products representing the largest amount considered as primary to an industry. Frequently the establishment production comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are made by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I)

Ind. code	Industry and census year	Value of production					Value of primary production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2031	Canned and cured seafoods.....1958..	<sup>r</sup> 325,088	<sup>r</sup> 286,733	14,752	23,603	95	<sup>r</sup> 313,718	<sup>r</sup> 286,733	26,985	91
	.....1954..	304,798	259,394	11,563	33,841	96	276,025	259,394	16,631	94
2032	Canned specialties.....1958 <sup>3</sup>	846,881	697,345	114,583	34,953	86	836,012	697,345	138,667	83
2033	Canned fruits and vegetables <sup>4</sup> ...1958..	2,227,041	1,905,216	230,237	91,588	89	<sup>r</sup> 2,105,514	1,905,216	<sup>r</sup> 200,298	<sup>r</sup> 90
2034	Dehydrated fruits and vegetables <sup>5</sup> .....1958..	273,286	257,619	7,748	7,919	97	276,770	257,619	19,151	93
	.....1954..	194,524	180,164	10,074	4,286	95	185,497	180,164	5,333	97
2035	Pickles and sauces <sup>4</sup> .....1958..	525,309	406,296	96,500	22,513	81	496,107	406,296	89,811	82
2036	Fresh or frozen packaged fish...1958..	307,399	259,465	19,300	28,634	93	270,898	259,465	11,433	96
	.....1954..	176,766	150,558	8,925	17,283	94	158,049	150,558	7,491	95
2037	Frozen fruits and vegetables <sup>4</sup> ...1958..	1,025,897	848,764	120,926	56,207	88	928,041	848,764	79,277	91

<sup>r</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's production of its primary products to its total production of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total production products primary to the given industry are made by establishments classified in that industry.

<sup>3</sup>New Industry in 1958; most establishments primarily producing Canned Specialties in 1954 were classified in Industry 2033.

<sup>4</sup>Comparable figures for 1954 are not available because of significant changes in industry definitions. See Introductory text and table 1A.

<sup>5</sup>Figures relate to value of shipments rather than value of production.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of production of the primary products of the industry by all manufacturing industries)

Prod. class code	Canned and cured seafoods industry	Canned and cured seafoods (SIC 2031)	Other industries	All industries
	Total value of production and receipts of the industry.....	<sup>r</sup> 325,088	xxx	xxx
20310	Canned and cured seafoods, including soup, except frozen.....	<sup>r</sup> 286,733	<sup>1</sup> 26,985	<sup>r</sup> 313,718
	Secondary products.....	14,752	xxx	xxx
20362	Fresh packaged fish and other seafood.....	1,666	xxx	xxx
20950	Animal and marine oil mill products, including foots.....	5,371	xxx	xxx
	Other secondary products.....	7,615	xxx	xxx
	Miscellaneous receipts.....	23,603	xxx	xxx
	Contract and commission work.....	2,784	xxx	xxx
	Resales.....	19,724	xxx	xxx
	Other sale of refuse.....	1,095	xxx	xxx

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Canned specialties industry	Canned specialties (SIC 2032)	Other industries	All industries
	Total value of production and receipts of the industry.....	846,881	xxx	xxx
	Primary products.....	697,345	138,667	836,012
20321	Canned baby foods (except meat).....	168,438	<sup>2</sup> 15,622	184,060
20322	Canned and frozen soups and specialties not specified separately (except seafood).....	(D)	(D)	404,640
20323	Canned dry beans.....	117,709	49,145	166,854
20324	Other canned specialties.....	(D)	(D)	80,458
	Secondary products.....	114,583	xxx	xxx
20138	Canned meats.....	7,004	xxx	xxx
20144	Canned poultry, except soups.....	1,445	xxx	xxx
20310	Canned and cured seafoods, including soup, except frozen.....	7,413	xxx	xxx
20331	Canned fruits.....	6,019	xxx	xxx
20332	Canned vegetables.....	20,210	xxx	xxx
20333	Canned hominy and mushrooms.....	2,232	xxx	xxx
20334	Canned fruit juices.....	2,244	xxx	xxx
20336	Catsup and other tomato sauces.....	8,743	xxx	xxx
20353	Meat sauces (except tomato) and unfinished pickles.....	7,904	xxx	xxx
20999	Other food preparations, nec.....	948	xxx	xxx
	Other secondary products.....	50,294	xxx	xxx
	Miscellaneous receipts.....	34,953	xxx	xxx
	Contract and commission work.....	902	xxx	xxx
	Resales.....	33,533	xxx	xxx
	Other miscellaneous receipts.....	518	xxx	xxx
Prod. class code	Canned fruits and vegetables industry	Canned fruits and vegetables (SIC 2033)	Other industries	All industries
	Total value of production and receipts of the industry.....	2,227,041	xxx	xxx
	Primary products.....	1,905,216	<sup>r</sup> 200,298	<sup>r</sup> 2,105,514
20331	Canned fruits.....	531,254	29,049	560,303
20332	Canned vegetables.....	635,043	<sup>r</sup> 37,492	<sup>r</sup> 672,535
20333	Canned hominy and mushrooms.....	32,298	2,541	34,839
20334	Canned fruit juices.....	197,866	55,923	253,789
20335	Canned vegetable juices.....	67,897	25,417	93,314
20336	Catsup and other tomato sauces.....	233,765	11,856	245,621
20338	Jams, jellies, and preserves.....	167,036	30,658	197,694
20330	Canned fruits and vegetables, preserves, jams, and jellies, nec.....	40,057	7,362	47,419
	Secondary products.....	230,237	xxx	xxx
20321	Canned baby foods (except meat).....	11,886	xxx	xxx
20323	Canned dry beans.....	44,315	xxx	xxx
20340	Dried and dehydrated fruits and vegetables and soup mix.....	2,766	xxx	xxx
20352	Pickles and other pickled products.....	19,308	xxx	xxx
20353	Meat sauces (except tomato) and unfinished pickles.....	4,115	xxx	xxx
20354	Salad dressings, mayonnaise and sandwich spread.....	3,368	xxx	xxx
20371	Frozen fruits, juices, and ades.....	33,738	xxx	xxx
20372	Frozen vegetables.....	11,414	xxx	xxx
20716	Salted nuts and other confectionery type products (cough drops, glaces, etc.).....	2,500	xxx	xxx
20860	Bottled and canned soft drinks.....	15,099	xxx	xxx
20874	Other flavoring agents, except chocolate sirups.....	3,489	xxx	xxx
20993	Sweetening sirups and molasses.....	1,346	xxx	xxx
20996	Vinegar and cider.....	7,936	xxx	xxx
20999	Other food preparations, nec.....	8,875	xxx	xxx
	Other secondary products.....	70,782	xxx	xxx
	Miscellaneous receipts.....	91,588	xxx	xxx
	Contract and commission work.....	10,548	xxx	xxx
	Resales.....	75,928	xxx	xxx
	Other miscellaneous receipts.....	5,112	xxx	xxx
Prod. class code	Dehydrated fruits and vegetable industry	Dehydrated fruits and vegetables (SIC 2034)	Other industries	All industries
	Total value of shipments and receipts of the industry.....	273,286	xxx	xxx
20340	Dried and dehydrated fruits, and vegetables and soup mix.....	257,619	19,151	276,770
	Secondary products.....	7,748	xxx	xxx
20999	Other food preparations, nec.....	1,821	xxx	xxx
	Other secondary products.....	5,927	xxx	xxx
	Miscellaneous receipts.....	7,919	xxx	xxx
	Contract and commission work.....	729	xxx	xxx
	Resales.....	6,001	xxx	xxx
	Other.....	1,189	xxx	xxx

See footnotes at end of table.

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry,  
for the United States: 1958-Continued

Prod. class code	Pickles and sauces industry	Pickles and sauces (SIC 2035)	Other industries	All industries
	Total value of production and receipts of the industry.....	525,309	xxx	xxx
	Primary products.....	406,296	89,811	496,107
20352	Pickles and other pickled products.....	144,559	<sup>3</sup> 25,499	170,058
20353	Mustard and other meat sauces (excluding tomato) and pickles unfinished.....	46,743	<sup>4</sup> 20,880	67,623
20354	Salad dressings, mayonnaise and sandwich spreads.....	197,293	43,254	240,547
20350	Pickles and sauces, nsk.....	17,701	178	17,879
	Secondary products.....	96,500	xxx	xxx
20331	Canned fruits.....	1,778	xxx	xxx
20332	Canned vegetables.....	2,374	xxx	xxx
20336	Catsup and other tomato sauces.....	1,258	xxx	xxx
20338	Jams, jellies and preserves.....	13,359	xxx	xxx
20871	Flavoring extracts, emulsions, and other liquid flavors.....	2,645	xxx	xxx
20961	Shortening and cooking oils.....	17,304	xxx	xxx
20962	Margarine.....	15,178	xxx	xxx
20993	Sweetening sirups and molasses.....	3,932	xxx	xxx
20996	Vinegar and cider.....	2,942	xxx	xxx
20999	Other food preparations, nec.....	16,365	xxx	xxx
	Other secondary products.....	19,365	xxx	xxx
	Miscellaneous receipts.....	22,513	xxx	xxx
	Resales.....	20,847	xxx	xxx
	Other.....	1,666	xxx	xxx
Prod. class code	Fresh or frozen packaged seafood industry	Fresh or frozen packaged seafood (SIC 2036)	Other industries	All industries
	Total value of production and receipts of the industry.....	307,399	xxx	xxx
	Primary products.....	259,465	11,433	270,898
20361	Frozen packaged fish, and other seafood.....	190,963	<sup>5</sup> 9,065	200,028
20362	Fresh packaged fish and other seafood.....	56,210	<sup>6</sup> 2,210	58,420
20360	Fresh and frozen packaged fish, nec.....	12,292	158	12,450
	Secondary products.....	19,300	xxx	xxx
20310	Canned and cured seafood, including soup, except frozen.....	10,865	xxx	xxx
	Other secondary products.....	8,435	xxx	xxx
	Miscellaneous receipts.....	28,634	xxx	xxx
	Contract and commission work.....	1,710	xxx	xxx
	Resales.....	24,726	xxx	xxx
	Other.....	2,198	xxx	xxx
Prod. class code	Frozen fruit and vegetables industry	Frozen fruit and vegetables (SIC 2037)	Other industries	All industries
	Total value of production and receipts of the industry.....	1,025,897	xxx	xxx
	Primary products.....	848,764	79,277	928,041
20371	Frozen fruits, juices and ades.....	330,568	<sup>7</sup> 39,100	369,668
20372	Frozen vegetables.....	218,917	<sup>8</sup> 12,267	231,184
20373	Frozen prepared foods.....	290,975	<sup>9</sup> 27,862	318,837
20370	Frozen fruits, fruit juices, vegetables and specialties, nec.....	8,304	48	8,352
	Secondary products.....	120,926	xxx	xxx
20331	Canned fruits.....	10,752	xxx	xxx
20332	Canned vegetables.....	6,160	xxx	xxx
20334	Canned fruit juices.....	42,232	xxx	xxx
20361	Frozen packaged fish and other seafood.....	2,411	xxx	xxx
20422	Livestock feeds (complete feeds and supplements).....	3,361	xxx	xxx
20424	Other prepared animal feeds (including feeding materials and adjuncts).....	4,572	xxx	xxx
28993	Essential oils, fireworks and pyrotechnics, and chemicals and chemical preparations, nec.....	5,592	xxx	xxx
	Other secondary products.....	45,846	xxx	xxx
	Miscellaneous receipts.....	56,207	xxx	xxx
	Contract and commission work.....	3,362	xxx	xxx
	Resales.....	<sup>r</sup> 48,137	xxx	xxx
	Other.....	<sup>r</sup> 4,708	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.<sup>1</sup>Includes production of specified amounts (in thousands) by the following industries: \$7,413, by Industry 2032, Canned Sepcialties; and \$10,865, by Industry 2036, Fresh or Frozen Packaged Fish.<sup>2</sup>Includes production of specified amounts (in thousands) by the following industries: \$11,886, by Industry 2033, Canned Fruits and Vegetables.<sup>3</sup>Includes production of specified amounts (in thousands) by the following industries: \$19,308, by Industry 2033, Canned Fruits and Vegetables.<sup>4</sup>Includes production of specified amounts (in thousands) by the following industries: \$4,115, by Industry 2033, Canned Fruits and Vegetables; and \$7,904, by Industry 2032, Canned Specialties.<sup>5</sup>Includes production of specified amounts (in thousands) by the following industries: \$2,411, by Industry 2037, Frozen Fruits and Vegetables.<sup>6</sup>Includes production of specified amounts (in thousands) by the following industries: \$1,666, by Industry 2031, Canned and Cured Seafood.<sup>7</sup>Includes production of specified amounts (in thousands) by the following industries: \$33,738, by Industry 2033, Canned Fruits and Vegetables.<sup>8</sup>Includes production of specified amounts (in thousands) by the following industries: \$11,414, by Industry 2033, Canned Fruits and Vegetables.<sup>9</sup>Includes approximately \$10 million made in Industry 2051, Bakery Products.



Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2031---	Canned and cured seafoods.....	.....	xxx	<sup>r</sup> 313,718	xxx	277,566
	Canned seafood <sup>1</sup> .....	.....	xxx	270,014	xxx	239,945
2031011	Canned fish and other seafood, except soups, stews, and chowders, total.....	1,000 lbs.....	527,222	260,406	466,064	230,712
	Salmon (excluding Alaska pack).....	.....do.....	36,512	26,713	51,282	28,923
	Sardines, Maine (herring).....	.....do.....	49,139	15,874	59,579	18,153
	Sardines, California (pilchard).....	.....do.....	100,016	16,497	60,214	9,818
	Tuna.....	.....do.....	255,834	154,809	217,263	135,327
	Tuna, specialties.....	.....do.....	2,004	918	3,461	2,230
	Mackerel, including jack mackerel.....	.....do.....	18,199	2,657	16,478	2,509
	Anchovies.....	.....do.....	1,679	309	9,866	2,773
	Other species of fish.....	.....do.....	7,598	679	9,694	829
	Fish cakes and loaf.....	.....do.....	5,003	1,618	4,381	1,295
	Roe, caviar and other fish products.....	.....do.....	2,146	1,688	1,848	1,300
	Whole and minced clams (drained weight).....	.....do.....	10,557	4,813	5,767	4,061
	Crabs.....	.....do.....	1,859	1,924	2,166	2,447
	Oysters (drained weight).....	.....do.....	5,472	5,342	6,266	5,975
	Shrimp (drained weight).....	.....do.....	14,554	20,885	14,115	13,791
	Gefilte fish.....	.....do.....	11,526	4,024	3,684	1,281
	Other seafood.....	.....do.....	5,124	1,656		
2031031	Canned seafood soups, stews, and chowders (clam chowder, oyster stew, turtle soup, etc.) <sup>1</sup> .....	.....do.....	44,047	9,600	41,922	9,233
	Cured fish and other seafood.....	.....	xxx	<sup>r</sup> 43,704	xxx	37,621
2031051	Smoked salmon.....	1,000 lbs.....	8,389	9,616	11,689	6,838
2031071	Other smoked fish (herring, whitefish, chub, cisco, etc.).....	.....do.....	13,168	10,784	24,108	13,104
	Salted and pickled fish (include sun dried):					
2031081	Sold for further processing.....	.....do.....	9,347	3,822	2,894	686
2031085	Sold as finished products ready for consumption.....	.....do.....	45,384	13,168	52,251	12,399
2031000	Cured seafoods, nsk.....	.....	xxx	<sup>r</sup> 6,314	...	4,594
2032---	Canned specialties.....	.....	xxx	836,012	xxx	(NA)
20321--	Canned baby foods (except meat).....	.....	xxx	184,060	xxx	148,746
2032111	Fruits.....	1,000 lbs., net wt.	313,686	71,500	(NA)	(NA)
2032131	Vegetables.....	.....do.....	137,617	31,242	(NA)	(NA)
2032151	Desserts (except fruit).....	.....do.....	74,459	17,384	(NA)	(NA)
	Juices:					
2032161	4.1 oz.-7 oz.....	1,000 cases of 24	6,212	7,555	(NA)	(NA)
2032165	Other sizes.....	.....do.....	657	1,566	(NA)	(NA)
2032198	Other baby food, except strained meats <sup>2</sup> .....	1,000 lbs.....	216,570	54,813	(NA)	(NA)
2032253-59	Canned and frozen soups (except seafood soups) and canned specialties, nec.....	.....	xxx	404,640	(NA)	(NA)
2033293		.....	xxx	166,854	xxx	196,638
2037371		.....	xxx	109,291	<sup>3</sup> 34,105	<sup>3</sup> 98,319
20323--	Canned dry beans.....	.....	xxx	166,854	xxx	196,638
	Beans with pork, including baked.....	1,000 cases.....	35,647	109,291	<sup>3</sup> 34,105	<sup>3</sup> 98,319
2032371	7.1 oz.-10 oz (8z short 8z tall etc.).....	.....do.....	1,876	5,972	<sup>3</sup> 1,022	<sup>3</sup> 3,471
2032372	10.1 oz.-13 oz (No. 1 picnic etc.).....	1,000 cases of 48	995	4,920	<sup>3</sup> 1,025	<sup>3</sup> 4,038
2032373	13.1 oz.-18 oz (No. 300, no. 303, etc.).....	1,000 cases of 24	18,354	45,912	<sup>3</sup> 15,886	<sup>3</sup> 38,458
2032374	18.1 oz.-22 oz. (No. 2, etc.).....	.....do.....	4,150	13,849	<sup>3</sup> 1,776	<sup>3</sup> 10,188
2032375	22.1 oz.-27 oz. (jumbo, etc.).....	.....do.....	925	4,753	<sup>3</sup> 857	<sup>3</sup> 3,543
2032376	27.1 oz.-40 oz. (No. 2-1/2, quart glass, etc.).....	1,000 cases of 12	5,528	23,244	<sup>3</sup> 3,960	<sup>3</sup> 15,697
2032377	40.1 oz.-60 oz. (No. 3 cyl., etc.).....	1,000 cases of 6	1,298	3,676	<sup>3</sup> 162	<sup>3</sup> 575
2032378	100.1 oz.-115 oz (No. 10).....	1,000 cases.....	1,119	3,345	<sup>3</sup> 850	<sup>3</sup> 2,569
2032379	Other sizes.....	.....do.....	1,404	3,620	<sup>3</sup> 7,167	<sup>3</sup> 19,780
	Beans with sauces, vegetarian style, including baked.....	.....do.....	3,784	9,835	( <sup>4</sup> )	( <sup>4</sup> )
2032381	13 oz. or less (No. 1 picnic, etc.).....	1,000 cases of 48	488	1,272	( <sup>4</sup> )	( <sup>4</sup> )
2032382	13.1 oz.-18 oz. (No. 300, no. 303, etc.).....	1,000 cases of 24	2,740	6,711	( <sup>4</sup> )	( <sup>4</sup> )
2032383	100.1 oz.-115 oz (No. 10).....	1,000 cases of 6	151	503	( <sup>4</sup> )	( <sup>4</sup> )
2032384	Other sizes.....	1,000 cases.....	405	1,349	( <sup>4</sup> )	( <sup>4</sup> )
	Beans, all other dry varieties.....	.....do.....	15,787	40,714	14,279	32,806
2032385	13 oz. or less (No. 1 picnic, etc.).....	1,000 cases of 48	538	2,150	(NA)	(NA)
2032386	13.1 oz.-18 oz. (No. 300, 303, etc.).....	1,000 cases of 24	11,237	25,190	8,968	19,779
2032387	18.1 oz.-22 oz. (No. 2, etc.).....	.....do.....	1,525	4,171	2,025	5,122
2032388	27.1 oz.-31 oz. (No. 2-1/2, etc.).....	.....do.....	390	1,427	297	1,165
2032389	100.1 oz.-115 oz (No. 10).....	1,000 cases of 6	802	2,427	923	2,325
2032391	Other sizes.....	1,000 cases.....	1,295	5,349	2,066	4,415
2032300	Canned dry beans (nsk).....	.....do.....	1,958	7,014	...	...
20324--	Spaghetti and other canned specialties.....	.....	xxx	80,458	xxx	51,279
	Spaghetti with meat.....	.....	xxx	29,953	xxx	9,350
2032430	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases of 24	3,090	15,284	(NA)	9,350
2032431	Other sizes.....	1,000 cases.....	3,127	14,669	(NA)	
	Spaghetti without meat.....	.....	xxx	26,264	(NA)	23,518
2032432	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 48	383	1,371	(NA)	23,518
2032433	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases of 24	4,984	13,859	(NA)	
2032434	Other sizes.....	1,000 cases.....	2,577	11,034	(NA)	
2032468	Chinese foods (bean sprouts, chop suey, etc.).....	.....do.....	3,387	18,268	2,116	10,862
2032491	Mincemeat.....	1,000 lbs.....	21,158	5,973	26,539	7,549

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production (pack)				
			1958		1954		
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	
2033---	Canned fruits and vegetables, preserves, jams, and jellies, total.....	.....	xxx	<sup>r</sup> 2,105,514	xxx	<sup>r</sup> 1,584,405	
20331--	Canned fruits, including fruit pie mixes.....	1,000 cases.....	xxx	560,303	xxx	467,916	
2033112	Apples, excluding pie mix.....	do.....	4,172	18,102	4,560	22,061	
2033113	Apple sauce <sup>5</sup> .....	do.....	17,457	50,350	<sup>6</sup> 15,000	<sup>6</sup> 41,800	
	8z.....	do.....	618	(NA)	710	(NA)	
	No. 303.....	do.....	13,160	(NA)	12,440	(NA)	
	No. 2-1/2.....	do.....	1,172	(NA)	...	(NA)	
	No. 10.....	do.....	2,507	(NA)	1,760	(NA)	
	Other sizes.....	do.....	...	(NA)	90	(NA)	
2033115	Apricots.....	do.....	3,226	19,439	3,861	17,579	
2033118	Berries, except cranberries.....	do.....	1,766	9,164	1,948	11,017	
2033122	Cherries, red pitted, excluding pie mix <sup>5</sup> .....	do.....	2,573	14,335	3,280	17,687	
	No. 2.....	do.....	114	(NA)	920	(NA)	
	No. 303 and 300.....	do.....	1,435	(NA)	1,180	(NA)	
	No. 10.....	do.....	969	(NA)	1,180	(NA)	
	Other sizes.....	do.....	55	(NA)	...	(NA)	
2033124	Sweet cherries.....	do.....	<sup>7</sup> 1,812	10,822	(NA)	11,617	
2033125	Cranberries and cranberry sauce <sup>5</sup> .....	do.....	6,004	25,657	<sup>6</sup> 5,510	23,500	
	No. 6 to 8z.....	do.....	646	(NA)	530	(NA)	
	No. 300.....	do.....	5,040	(NA)	4,470	(NA)	
	No. 10.....	do.....	259	(NA)	470	(NA)	
	Other sizes.....	do.....	59	(NA)	40	(NA)	
2033127	Figs.....	do.....	1,004	3,636	(NA)	3,786	
2033131	Grapefruit segments <sup>5</sup> .....	do.....	4,899	17,924	}	19,189	
	No. 2.....	do.....	105	(NA)			
	8z short and tall.....	do.....	142	(NA)			
	No. 303.....	do.....	4,090	(NA)			
	No. 3 cylinder.....	do.....	554	(NA)			
	Other sizes.....	do.....	8	(NA)			
2033132	Fruit cocktail <sup>5</sup> .....	do.....	15,363	81,786	}	90,902	
	No. 2-1/2.....	do.....	3,903	(NA)			
	No. 8z short and tall.....	do.....	1,683	(NA)			
	No. 303 and 300.....	do.....	8,064	(NA)			
	No. 2.....	do.....	267	(NA)			
	No. 10.....	do.....	1,446	(NA)			
2033134	Fruits for salads, including mixed fruits other than fruit cocktail.....	do.....	2,593	14,377	}	1,700	
	Olives, ripe and green ripe.....	do.....	2,576	19,662			
2033141	5 oz. or less (8 oz. tall, 4 oz. etc.).....	1,000 cases of 48	536	2,892			
2033143	5.1 oz.-15 oz. (No. 303, pint glass, No. 1 tall, etc.).....	do.....	1,714	14,120			
2033145	15.1 oz-60 oz. (No. 2-1/2, quart glass, etc.).....	1,000 cases of 24	326	2,650			
2033149	Over 60 oz. (No. 10, etc.).....	1,000 cases of 6					
2033152	Peaches, including spiced, excluding pie mix <sup>5</sup> .....	1,000 cases.....	28,612	138,799	22,030	104,976	
	No. 2-1/2.....	do.....	17,112	(NA)	12,930	(NA)	
	8 oz. short and tall.....	do.....	1,426	(NA)	1,240	(NA)	
	No. 303, 300 and No. 1 tall.....	do.....	6,108	(NA)	4,390	(NA)	
	No. 2.....	do.....	...	(NA)	90	(NA)	
	No. 10.....	do.....	3,888	(NA)	3,380	(NA)	
	Other sizes.....	do.....	78	(NA)	...	(NA)	
2033153	Pears, including spiced.....	do.....	10,830	59,143	9,399	52,013	
2033154	Plums (purple and other types, excluding canned dried prunes).....	do.....	1,410	5,980	(NA)	9,079	
2033157	Pineapple (all styles) <sup>8</sup> .....	do.....	xxx	xxx	xxx	xxx	
	Canned fruit pie mixes.....	do.....	6,168	23,533	(NA)	(NA)	
2033161	Apple.....	do.....	1,606	5,374	(NA)	(NA)	
2033163	Cherry.....	do.....	2,030	7,358	(NA)	(NA)	
2033165	Peaches.....	do.....	1,200	4,908	(NA)	(NA)	
2033169	Other fruit pie mixes.....	do.....	1,332	5,893	(NA)	(NA)	
2033198	Other canned fruit, including green olives.....	do.....	3,882	27,480	(NA)	51,592	
2033100	Canned fruits, nsk.....	do.....	4,183	20,113	...	...	
20332--	Canned vegetables, excluding baby foods.....	.....	xxx	<sup>r</sup> 672,535	xxx	<sup>r</sup> 559,744	
2033211	Asparagus <sup>5</sup> .....	1,000 cases.....	8,067	43,089	5,750	38,416	
	No. 2.....	do.....	1,020	(NA)	700	(NA)	
	8z tall.....	do.....	428	(NA)	340	(NA)	
	No. 1 Picnic and 211 cylinder.....	do.....	1,301	(NA)	1,120	(NA)	
	No. 300 and 303.....	do.....	4,370	(NA)	2,890	(NA)	
	300 x 509.....	do.....	199	(NA)	...	(NA)	
	No. 5 squat.....	do.....	214	(NA)	150	(NA)	
	No. 10.....	do.....	352	(NA)	320	(NA)	
	Other sizes.....	do.....	183	(NA)	230	(NA)	

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033---	Canned fruits, and vegetables, etc.--Continued					
203321--	Canned vegetables, etc.--Continued					
2033213	Beans, Fresh lima.....	1,000 cases.....	3,043	10,848	(NA)	15,575
2033214	Beans, green and wax (except Blue Lake).....	do.....	19,397	60,038	} 27,800	92,763
2033216	Beans, Blue Lake.....	do.....	8,862	33,173		
2033217	Beets.....	do.....	10,239	24,228	7,579	19,279
2033231	Carrots.....	do.....	3,377	8,892	2,182	5,666
2033232	Sweet corn <sup>5</sup> .....	do.....	32,954	102,666	<sup>r</sup> 36,601	<sup>r</sup> 106,075
2033234	8z short and tall.....	do.....	3,130	(NA)	3,620	(NA)
	No. 1 picnic.....	do.....	107	(NA)	220	(NA)
	12z vacuum.....	do.....	6,311	(NA)	7,700	(NA)
	No. 303 and 300.....	do.....	20,647	(NA)	22,130	(NA)
	No. 10.....	do.....	2,678	(NA)	2,160	(NA)
	Other sizes.....	do.....	81	(NA)	70	(NA)
2033235	Mixed vegetables (succotash, carrots and peas, vegetable salad, and other combinations).....	do.....	4,419	13,769	4,325	13,928
2033238	Green peas <sup>5</sup> .....	do.....	34,327	109,232	<sup>6</sup> 27,020	<sup>6</sup> 98,000
	8z.....	do.....	4,707	(NA)	4,100	(NA)
	No. 1 picnic.....	do.....	185	(NA)	380	(NA)
	No. 303.....	do.....	24,739	(NA)	19,600	(NA)
	No. 10.....	do.....	4,575	(NA)	2,750	(NA)
	Other sizes.....	do.....	121	(NA)	190	(NA)
2033239	Other peas (blackeye, crowder, purple hull, field, etc.).....	do.....	1,793	4,934	2,469	7,649
2033252	Pumpkin and squash pie mix.....	do.....	496	1,405	} 1,673	4,244
2033254	Pumpkin and squash, except pie mix.....	do.....	2,398	6,581		
2033255	Spinach and other greens <sup>5</sup> .....	do.....	7,665	19,302	<sup>65</sup> 9,976	<sup>6</sup> 16,500
2033258	No. 2.....	do.....	41	(NA)	143	(NA)
	8z.....	do.....	361	(NA)	146	(NA)
	No. 1 picnic.....	do.....	198	(NA)	169	(NA)
	No. 303 and 300.....	do.....	4,666	(NA)	3,475	(NA)
	No. 2-1/2.....	do.....	1,086	(NA)	775	(NA)
	No. 10.....	do.....	1,307	(NA)	1,159	(NA)
	Other sizes.....	do.....	6	(NA)	109	(NA)
2033271	Tomatoes <sup>5</sup> .....	do.....	28,174	95,724	<sup>62</sup> 21,000	<sup>6</sup> 78,000
	No. 2.....	do.....	376	(NA)	1,060	(NA)
	8z.....	do.....	313	(NA)	100	(NA)
	No. 1 picnic.....	do.....	762	(NA)	900	(NA)
	No. 303, 300 and No. 1 tall.....	do.....	16,758	(NA)	11,470	(NA)
	No. 2-1/2.....	do.....	4,620	(NA)	3,320	(NA)
	No. 10.....	do.....	5,329	(NA)	4,120	(NA)
	Other sizes.....	do.....	16	(NA)	30	(NA)
2033273	Pimientos.....	do.....	1,247	4,555	(NA)	7,674
2033274	Sweet potatoes.....	do.....	4,918	19,064	3,243	11,887
2033275	White potatoes.....	do.....	3,711	8,654	(NA)	(NA)
2033276	Sauerkraut <sup>5</sup> .....	do.....	7,447	21,001	7,010	17,519
	No. 2.....	do.....	67	(NA)	780	(NA)
	No. 300.....	do.....	555	(NA)	650	(NA)
	No. 303.....	do.....	3,068	(NA)	1,850	(NA)
	No. 2-1/2.....	do.....	2,793	(NA)	3,040	(NA)
	No. 10.....	do.....	623	(NA)	630	(NA)
	Other sizes.....	do.....	341	(NA)	60	(NA)
2033291-3	Other canned vegetables.....	do.....	<sup>r</sup> 13,179	<sup>r</sup> 54,699	(NA)	<sup>r</sup> 43,691
2033200	Canned vegetables, nsk.....	do.....	9,684	30,681	(NA)	<sup>r</sup> 13,637
20333--	Canned hominy and mushrooms.....		xxx	34,839	xxx	24,450
2033315	Hominy.....	1,000 cases.....	2,798	6,158	2,311	4,515
	Mushrooms.....	do.....	2,166	28,681	(NA)	19,935
2033316	4 oz. or less (2z, etc.).....	1,000 cases of 48	1,285	11,468	444	2,370
2033318	4.1 oz.-8 oz. (4z, etc.).....	do.....	555	9,203	920	8,212
2033319	8.1 oz.-17 oz. (8z, etc.).....	do.....	160	4,689	196	3,374
2033320	Other sizes.....	1,000 cases.....	166	3,321	(NA)	5,979
20334--	Canned fruit juices.....		xxx	253,789	(NA)	196,066
2033411	Apple juice <sup>5</sup> .....	1,000 cases.....	5,611	13,418	<sup>64</sup> 4,200	<sup>6</sup> 8,500
	Individual 5z, 6z.....	do.....	281	(NA)	240	(NA)
	No. 211 cylinder.....	do.....	89	(NA)	190	(NA)
	No. 3 cylinder.....	do.....	1,831	(NA)	1,160	(NA)
	24z and 26z glass.....	do.....	202	(NA)	240	(NA)
	32z glass.....	do.....	2,193	(NA)	1,810	(NA)
	64z glass.....	do.....	323	(NA)	160	(NA)
	Gallon jug.....	do.....	402	(NA)	320	(NA)
	Other sizes.....	do.....	290	(NA)	80	(NA)

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033---	Canned fruits, etc.—Continued					
20334--	Canned fruit juices--Continued					
	Grape juice.....	1,000 cases.....	(NA)	27,486	(NA)	24,774
2033422	22.1 oz.-27 oz. (24 oz. glass, etc.).....	1,000 cases of 12	3,812	12,501	3,180	10,688
2033423	Other sizes.....	...do.....	(NA)	14,985	(NA)	14,086
2033424						
2033428	Pineapple juice <sup>8</sup> .....	.....	xxx	xxx	xxx	xxx
2033431	Grape fruit juice <sup>5</sup> .....	1,000 cases.....	9,275	22,448	13,600	21,803
	Individual.....	1,000 cases of 48	726	(NA)	1,522	(NA)
	No. 2.....	1,000 cases of 24	1,940	(NA)	3,173	(NA)
	No. 211 cylinder.....	...do.....	88	(NA)	76	(NA)
	No. 3 cylinder.....	1,000 cases of 12	6,384	(NA)	8,758	(NA)
	No. 10.....	1,000 cases of 6	26	(NA)	52	(NA)
	Other sizes.....	1,000 cases.....	111	(NA)	19	(NA)
2033441	Orange juice, single strength <sup>5</sup> .....	...do.....	22,730	60,195	21,611	46,881
	4z.....	1,000 cases of 24	3,523	(NA)	1,230	41,044
	Individual 5z, 6z.....	...do.....	1,682	(NA)	2,297	
	No. 2.....	...do.....	3,075	(NA)	4,029	
	No. 211 cylinder.....	...do.....	203	(NA)	154	
	No. 3 cylinder.....	1,000 cases of 12	8,800	(NA)	10,336	
	No. 10.....	1,000 cases of 6	22	(NA)	25	
	Other sizes, chiefly quarts <sup>9</sup> .....	1,000 cases of 12	5,425	(NA)	3,540	5,837
2033451	Grapefruit-orange juice blend <sup>5</sup> .....	1,000 cases.....	4,382	11,212	4,700	10,532
	Individual 5z, 6z.....	1,000 cases of 24	47	(NA)	118	(NA)
	No. 2.....	...do.....	745	(NA)	1,029	(NA)
	No. 3 cylinder.....	1,000 cases of 12	3,539	(NA)	3,504	(NA)
	No. 211 cylinder.....	1,000 cases of 24	20	(NA)	35	(NA)
	Other sizes, chiefly No. 10.....	1,000 cases.....	31	(NA)	14	(NA)
2033453	Grapefruit-pineapple blend.....	...do.....	6,161	18,186	(NA)	(NA)
	Prune juice.....	...do.....	8,347	29,414	(NA)	23,027
2033463	Quart glass.....	1,000 cases of 12	6,552	23,715	6,322	19,326
2033465	Other sizes.....	1,000 cases.....	1,795	5,699	(NA)	3,701
2033471	Other whole juices and mixtures of whole juices.....	...do.....	6,431	20,714	1011,610	1036,592
	Nectars.....	...do.....	8,216	23,670		
2033475	4.1 oz-7 oz. (6z, etc.).....	1,000 cases of 48	471	1,610		
2033476	7.1 oz-13oz. (No. 12 cylinder, 12z, etc.).....	...do.....	1,719	6,027		
2033477	40.1 oz.-60 oz. (No. 3 cylinder).....	1,000 cases of 12	3,098	9,953	1011,610	1036,592
2033479	Other sizes.....	1,000 cases.....	2,928	6,080		
	Concentrated fruit juice, hot pack.....	...do.....	(D)	(D)	(NA)	(NA)
2033485	4.1 oz.-7 oz.....	1,000 cases of 48	(11)	(11)	(NA)	(NA)
2033489	Other sizes and bulk.....	1,000 gallons....	4,403	11,036	8,593	23,957
2033400	Canned fruit juices, nsk.....	.....	(NA)	16,010	...	...
20335--	Canned vegetable juices.....	.....	xxx	93,314	xxx	64,522
2033511	Tomato juice, including combinations containing 70% or more tomato juice <sup>5</sup> .....	1,000 cases.....	31,551	88,006	24,300	62,698
	Individual 5z, 6z.....	...do.....	3,056	(NA)	2,440	(NA)
	8z.....	...do.....	431	(NA)	440	(NA)
	No. 211 cylinder.....	...do.....	1,300	(NA)	1,420	(NA)
	No. 300.....	...do.....	927	(NA)	780	(NA)
	No. 303 and 303x500 (17-1/2z).....	...do.....	900	(NA)	480	(NA)
	No. 2.....	...do.....	3,685	(NA)	3,340	(NA)
	No. 3 cylinder.....	...do.....	18,067	(NA)	13,800	(NA)
	No. 10.....	...do.....	502	(NA)	530	(NA)
	Other tin.....	...do.....	1,215	(NA)	340	(NA)
	Other glass.....	...do.....	1,468	(NA)	730	(NA)
2033598	Other vegetable juices.....	...do.....	1,472	3,705	495	1,824
2033500	Canned vegetable juices, nsk.....	...do.....	588	1,603	...	...
20336--	Catsup and other tomato sauces.....	.....	xxx	245,621	xxx	155,710
2033611	Tomato sauces, except catsup and chili sauce (excludes pulp, puree, or paste) <sup>12</sup> .....	1,000 cases.....	17,389	75,722	*12,800	40,944
2033631	Catsup <sup>5</sup> .....	...do.....	28,038	93,491	*18,500	62,943
	12 oz. glass.....	...do.....	1,637	(NA)	*1,643	*4,695
	14 oz. glass.....	...do.....	18,415	(NA)	*15,005	*49,902
	18, 20 and 24 ounce glass.....	...do.....	4,548	(NA)	...	...
	No. 10 tin.....	...do.....	3,388	(NA)	*1,798	*8,143
	Other sizes.....	...do.....	50	(NA)	*54	*203
2033651	Chili sauce <sup>5</sup> .....	...do.....	2,067	5,866	*1,979	7,218
	12 ounce glass.....	...do.....	1,482	(NA)	*1,796	7,218
	No. 10 tin.....	...do.....	306	(NA)	*183	
	Other sizes.....	...do.....	279	(NA)	...	

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2033---	Canned fruits, etc.—Continued					
20336--	Catsup and other tomato sauces—Continued					
	Tomato paste.....	1,000 cases.....	11,733	51,617	7,907	30,622
2033661	4.1 oz.-7 oz. (6z, etc.).....	1,000 cases of 48	7,866	30,464	5,001	17,516
2033603	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.	2,684	14,208	2,556	11,831
2033665	Other sizes.....	1,000 cases.....	1,183	6,945	350	1,275
	Tomato pulp and puree.....	...do.....	4,479	15,508	3,021	11,130
2033671	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 48	803	2,925	(NA)	1,370
2033673	13.1 oz.-27 oz. (No. 303, No. 2, etc.).....	1,000 cases of 24	389	1,239	(NA)	(NA)
2033675	27.1 oz.-31 oz. (No. 2-1/2, etc.).....	...do.....	890	3,415	730	2,880
2033677	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6.	1,859	5,861	1,394	4,370
2033679	Other sizes.....	1,000 cases.....	538	2,068	(NA)	2,510
2033600	Catsup and other tomato sauces, nsk.....	...do.....	626	3,417	(NA)	2,853
20338--	Jams, jellies and preserves.....		xxx	197,694	xxx	159,956
	Jams and preserves, pure:					
2033811	Strawberry.....	1,000 pounds.....	127,140	34,967	90,323	26,674
2033815	Other.....	...do.....	239,779	58,318	159,278	39,856
	Jellies, pure:					
2033821	Grape.....	...do.....	91,370	21,288	65,180	15,006
2033825	Other.....	...do.....	134,646	28,184	101,199	23,834
2033831	Jellies, imitation.....	...do.....	22,208	3,727	33,863	5,057
2033841	Marmalades, citrus, pure.....	...do.....	14,957	3,838	12,073	3,006
2033851	Fruit butter.....	...do.....	47,015	6,780	48,359	5,987
2033861	Maraschino cherries.....	1,000 gallons....	5,778	18,009	8,514	12,773
2033800	Jams, jellies and preserves, nsk.....	...do.....	xxx	22,583	xxx	27,763
2033000	Canned fruits and vegetables, preserves, jams and jellies, nsk.....	...do.....	...	47,419	xxx	17,627
2034---	Dried and dehydrated fruits and vegetables and soup mix.....		xxx	276,770	xxx	185,497
2034011	Dried and dehydrated fruits, vegetables and soup mix <sup>13</sup> .....	...do.....	xxx	276,770	xxx	185,497
2035---	Pickled fruits and vegetables; vegetable sauces and seasonings; salad dressings.....		xxx	496,107	xxx	402,758
20352--	Pickles and other pickle products.....		xxx	170,058	xxx	135,598
	Finished cucumber pickles:					
2035211	Dill.....	1,000 gallons....	32,760	34,757	35,987	30,227
2035213	Sour.....	...do.....	5,428	4,622	10,183	6,439
2035215	Sweet.....	...do.....	22,079	35,440	29,568	37,827
2035217	Fresh pack.....	...do.....	27,642	32,129	25,884	25,668
2035233	Pickle products (including mixes, relishes, etc.).....	...do.....	28,399	36,723	22,995	27,222
2035261	Olives, green, bulk.....	...do.....	(NA)	10,779	(NA)	5,035
2035200	Pickled fruits and vegetables, nsk.....	...do.....	xxx	15,608	xxx	3,180
20353--	Meat sauces (except tomato) and unfinished pickles.....		xxx	67,623	xxx	56,903
	Mustard and other meat sauces (except tomato).....		xxx	57,851	xxx	46,698
2035311	Prepared mustard.....	1,000 gallons....	21,576	21,562	20,070	19,925
2035351	Other sauces for meat (worcestershire, soy sauce and similar types).....	...do.....	15,826	33,298	8,134	22,852
2035300	Mustard and other meat sauce, nsk.....	...do.....	xxx	2,991	xxx	3,921
2035371	Unfinished pickles (salt stock).....	1,000 gallons....	224,194	9,772	(NA)	10,205
20354--	Salad dressings, mayonnaise and sandwich spread <sup>14</sup> .....		xxx	240,547	xxx	201,697
2035412	Salad dressing, mayonnaise type.....	1,000 gallons....	55,190	83,178	50,837	77,031
2035423	Mayonnaise.....	...do.....	50,436	106,824	43,132	92,476
2035431	French dressing.....	...do.....	8,155	17,944	7,218	12,425
2035441	Other salad dressings.....	...do.....	5,129	13,977	2,347	5,144
2035445	Sandwich spread, salad dressing base.....	...do.....	6,995	14,962	7,569	14,621
2035400	Salad dressings, mayonnaise and sandwich spread, nsk.....	...do.....	xxx	3,662	...	...
2035000	Pickles, sauces, and salad dressings, nsk.....	...do.....	xxx	17,879	xxx	8,560
2036---	Packaged seafood, total.....		xxx	270,898	xxx	158,049
2036100	Frozen seafood and seafood soups (fish, shrimp, oysters, clams, etc.)..	1,000 lbs.....	446,841	200,028	242,630	103,951
2036211	Fresh packaged seafood (fillets, steaks, shucked oysters, etc., not frozen).....	...do.....	117,559	58,420	188,586	53,552
2036000	Fresh and frozen packaged fish and seafood, nsk.....	...do.....	xxx	12,450	xxx	546
2037---	Frozen fruits, fruit juices, vegetables, and specialties, total <sup>15</sup> .....		xxx	928,041	xxx	551,636
20371--	Frozen fruits and juices <sup>15</sup> .....		xxx	369,668	xxx	256,481
2037111	Apples.....	1,000 pounds....	30,872	3,496	48,047	7,492
2037132	Blueberries.....	...do.....	11,451	2,961	8,378	2,346
2037134	Red raspberries.....	...do.....	14,531	2,684	20,849	5,383
2037135	Strawberries.....	...do.....	195,980	41	156,654	41,864

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Produced by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production (pack)			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2037---	Frozen fruits, fruit juices, etc.—Continued					
20371--	Frozen fruits and juices <sup>15</sup> —Continued					
2037137	Boysenberries.....	1,000 pounds.....	7,948	966	( <sup>16</sup> )	( <sup>16</sup> )
2037141	Red sour cherries.....	do.....	56,816	8,457	50,832	8,806
2037151	Peaches.....	do.....	31,703	4,206	29,067	4,885
2037169	Other frozen fruits and berries.....	do.....	132,332	17,878	58,328	9,024
2037169	Frozen fruit and berry juices, concentrated:					
	Orange juice:					
2037181	4.1 oz.-7 oz.....	1,000 cases of 48	16,122	131,085	(17)	127,842
2037182	10.1 oz.-13 oz.....	1,000 cases of 24	4,177	33,836		
2037183	Other sizes.....	1,000 cases.....	6,227	28,995		
	Lemonade:					
2037185	4.1 oz.-7 oz.....	1,000 cases of 48	3,531	12,668	(17)	17,952
2037186	10.1 oz.-13 oz.....	1,000 cases of 24	1,090	3,699		
2037187	Other sizes.....	1,000 cases.....	814	2,273		
	Grape juice:					
2037190	4.1 oz.-7 oz.....	1,000 cases of 48	1,644	10,025	(17)	13,245
2037191	10.1 oz.-13 oz.....	1,000 cases of 24	420	2,451		
2037192	Other sizes.....	1,000 cases.....	1,403	6,987		
2037195	Other frozen fruit and berry juices, concentrated.....	1,000 cases.....	3,575	20,133	(17)	12,015
2037198	Other frozen fruits and juices, nec.....	.....	xxx	25,000	...	...
2037100	Frozen fruits and juices, nsk.....	.....	xxx	10,169	xxx	5,627
20372--	Frozen vegetables <sup>15</sup> .....	.....	xxx	231,184	xxx	<sup>r</sup> 168,216
2037211	Asparagus.....	1,000 pounds.....	23,232	8,617	31,161	12,004
2037215	Beans, green and wax.....	do.....	142,641	29,830	120,094	24,542
2037221	Beans, fresh lima.....	do.....	110,447	21,786	123,038	26,811
2037225	Broccoli.....	do.....	106,739	21,827	66,591	14,374
2037231	Brussels sprouts.....	do.....	34,566	8,830	35,893	8,970
2037235	Cauliflower.....	do.....	30,437	6,292	18,044	3,960
2037241	Green peas.....	do.....	241,053	35,392	196,699	30,627
2037245	Spinach.....	do.....	92,768	12,758	64,944	8,954
2037247	Potatoes and potato products (french fried, patties, puffs, etc.)....	do.....	245,949	40,474	( <sup>18</sup> )	( <sup>18</sup> )
2037251	Sweet corn, cut.....	do.....	111,143	15,718	81,912	12,041
2037298	Other frozen vegetables.....	do.....	213,206	29,559	<sup>r</sup> 156,584	<sup>r</sup> 24,131
2037200	Frozen vegetables, nsk.....	.....	161	101	xxx	<sup>r</sup> 1,802
20373--	Frozen prepared foods (other than soups and seafood) <sup>19</sup> .....	.....	xxx	318,837	596,539	120,317
2037311	Frozen fruit pies.....	1,000 pounds.....	138,220	35,395		
2037315	Other frozen baked goods (waffle, cookies, cakes, etc.).....	do.....	493,357	101,102		
2037321	Frozen meat and poultry pies.....	do.....	203,352	64,419		
2037361	Other frozen specialties except seafood (include dimmers, chinese foods, etc.).....	do.....	265,836	116,986		
2037300	Frozen prepared foods, nsk.....	do.....	5,294	935	xxx	6,622
2037000	Frozen fruits, fruit juices and vegetables, nsk.....	.....	xxx	8,352		

\*Revised. D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>r</sup>Revised.<sup>1</sup>Detail figures developed from "Manufactured Fishery Products, 1958," Fish and Wildlife Service, Department of the Interior. Since the Fish and Wildlife Service collected detailed information on commercial fisheries and fish processors, only limited product information was collected in the Census of Manufactures.<sup>2</sup>Includes chicken products, vegetables with meat, macaroni preparations, soups, etc. Meats and products with a high meat content are classified with canned meats, product codes 2011811 and 2013811.<sup>3</sup>Includes "Beans with sauce," product codes 2032381 through 2032384.<sup>4</sup>Included with "Beans with pork," product codes 2032371 through 2032379.<sup>5</sup>Breakdown by can size based on percentages supplied by National Canners Association.<sup>6</sup>Partially estimated to account for plant reports tabulated as "not specified by kind" or not covered in the 1954 Census.<sup>7</sup>Includes part of 1957 pack because of fiscal year reporting.<sup>8</sup>Included in "Canned fruits, not specified by kind," product code 2033100 or "Canned fruit juices, not specified by kind," product code 2033400; includes only the amount packed in continental United States.<sup>9</sup>Includes this product distributed in glass and paperboard containers by dairies and similar establishments.<sup>10</sup>Includes an undetermined amount of fruit drink and ades which were classified as soft drinks in 1958. Shipments of these products amounted to \$31,888 in 1958. (See Industry 2086, Bottled and Canned Soft Drinks, product code 2086091 and 2086093.)<sup>11</sup>Included with "Canned fruit juices, not specified by kind," product code 2033400.<sup>12</sup>Includes a substantial quantity made from purchased puree.<sup>13</sup>No detailed figures for this category were collected because a large part of the commercial output is packed in establishments classified in Wholesale Trade, S.I.C. 5049. See Industry text. Figures relate to value of shipments rather than value of production.<sup>14</sup>Figures based on Facts for Industry Series M20F-08, "Salad Dressing, Mayonnaise and Related Products."<sup>15</sup>Census figures on the production of frozen fruits and vegetables are generally less than those developed by the National Association of Frozen Food Packers. The difference is more significant for fruits than for vegetables. Although a complete explanation for the lower Census figures is not yet known, the Census of Manufactures excludes the following types of production: (1) products frozen on farms, at cold storage warehouses and locker plants, and at establishments primarily engaged in wholesale or retail trade, (2) frozen fruits and vegetables packed under contract for which the packer is required to report only "commission receipts."<sup>16</sup>Included in "Other frozen fruits and berries," product code 2037169.<sup>17</sup>In 1954, quantity of production was collected in pounds. In that year the following quantities were produced: Orange juice, 614,387 thousand pounds; Lemonade, 104,928 thousand pounds; Grape juice, 35,222 thousand pounds; Other fruit and berry juices, 48,442 thousand pounds.<sup>18</sup>Included in "Other frozen vegetables," product code 2032798.<sup>19</sup>Excludes frozen soups, other than seafood soups, which are combined with "Canned Soups," product codes 203253-59; Frozen Seafood Soups and Seafood are included in product code 2036100.



Table 6B.—Value of Product Classes Produced by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of production is more than \$1 million and the figure does not disclose individual company information. Additional States which had production of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of production	Product class, region, and State	Value of production		Product class, region, and State	Value of production
<b>Canned dry beans (20323):</b>		<b>Canned fruits (20331)--</b>	1958 <sup>1</sup>	1954	<b>Canned vegetables (20332)--</b>	1958 <sup>1</sup>
United States, total:		Continued			Continued	
1958.....	166,854	East North Central.....	46,366	43,084	West South Central.....	48,376
1954.....	196,638	Ohio.....	3,596	5,322	Arkansas.....	12,886
	1958 <sup>1</sup>	Illinois.....	8,486	7,975	Louisiana.....	6,618
New England.....	15,402	Michigan.....	29,908	25,358	Oklahoma.....	3,493
Maine.....	11,536	Wisconsin.....	3,239	4,427	Texas.....	25,379
Middle Atlantic.....	33,349	South Atlantic.....	53,574	41,502	Mountain.....	22,742
New York.....	6,069	Maryland.....	2,896	2,618	Idaho.....	7,573
New Jersey.....	15,027	Virginia.....	14,826	12,616	Colorado.....	5,904
Pennsylvania.....	12,253	Georgia.....	2,152	1,245	Utah.....	8,446
East North Central.....	55,244	Florida.....	25,431	18,482	Pacific.....	177,889
Ohio.....	7,574	West South Central.....	2,933	3,850	Washington.....	25,825
Indiana.....	28,956	Texas.....	2,419	3,293	Oregon.....	40,558
Illinois.....	17,640	Mountain.....	6,437	2,450	California.....	111,506
West North Central.....	8,326	Pacific.....	365,051	290,676		Value of production
Iowa.....	2,763	Washington.....	30,625	33,686	<b>Canned fruit juices (20334):</b>	
South Atlantic.....	7,685	Oregon.....	26,543	20,355	United States, total:	
Maryland.....	5,682	California.....	308,784	236,634	1958.....	253,789
East South Central.....	11,407		Value of production		1954.....	196,066
West South Central.....	16,754	<b>Canned vegetables (20332):</b>				1958 <sup>1</sup>
Texas.....	11,418	United States, total:			New England.....	4,237
Mountain.....	1,351	1958.....	670,063		Middle Atlantic.....	61,761
Pacific.....	17,336	1954.....	559,744		New York.....	27,726
California.....	15,631		1958 <sup>1</sup>		East North Central.....	30,056
	Value of production	New England.....		5,532	Illinois.....	13,731
<b>Canned fruits (20331):</b>		Maine.....		4,128	Michigan.....	9,450
United States, total:		Middle Atlantic.....		83,092	South Atlantic.....	84,175
1958.....	560,303	New York.....		41,914	Florida.....	81,993
1957.....	476,033	New Jersey.....		9,590	West South Central.....	6,871
1956.....	548,087	Pennsylvania.....		31,588	Mountain.....	2,549
1955.....	516,940	East North Central.....		192,171	Pacific.....	61,029
1954.....	453,170	Ohio.....		9,120	Washington.....	6,915
1953.....	457,106	Indiana.....		19,371	California.....	54,661
1952.....	447,705	Illinois.....		46,449		Value of production
1951.....	467,563	Michigan.....		10,158	<b>Canned vegetable juices</b>	
1950.....	417,139	Wisconsin.....		107,073	(20335):	
1947.....	368,636	West North Central.....		50,012	United States, total:	
	1958 <sup>1</sup>	Minnesota.....		45,394	1958.....	93,314
	1954	South Atlantic.....		76,314	1954.....	64,522
New England.....	13,209	Delaware.....		9,792	1953.....	79,105
Maine.....	2,757	Maryland.....		39,525	1952.....	78,478
Middle Atlantic.....	68,167	Virginia.....		8,706	1951.....	70,909
New York.....	36,193	Georgia.....		6,309	1950.....	59,528
New Jersey.....	9,747	Florida.....		9,364	1947.....	39,147
Pennsylvania.....	22,227	East South Central.....		13,935		1958 <sup>1</sup>
		Tennessee.....		11,172		1954
					Middle Atlantic.....	15,670
					Pennsylvania.....	2,629

See footnotes at end of table.

for 1958 and 1954, and United States Totals for Selected Years—Continued

See footnotes at end of table.

See footnotes at end of table.



Table 6B.—Value of Product Classes Produced by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product code, region, and State	Value of production		Product code, region, and State	Value of production		Product code, region, and State	Value of production	
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954
<u>Saled dressing, mayonnaise, and sandwich spreads (20354)--Continued</u>			<u>Fresh packaged fish and other seafood (20362)--Continued</u>			<u>Frozen fruits, juices, and ades (20371)--Continued</u>		
West South Central.....	24,551	22,071	New England.....	9,455	9,479	West South Central.....	2,634	2,627
Texas.....	19,308	16,679	Massachusetts.....	8,274	6,192	Pacific.....	85,129	77,714
Pacific.....	48,425	42,012	Middle Atlantic.....	6,530	8,478	Washington.....	13,642	14,953
California.....	40,492	36,496	New Jersey.....	3,607	3,481	Oregon.....	17,693	13,742
	Value of production		South Atlantic.....	28,091	21,458	California.....	53,794	49,018
<u>Frozen packaged fish and other seafood (20361):</u>			Maryland.....	10,919	9,227		Value of production	
United States, total:			Virginia.....	14,020	10,796			
1958.....		200,028	Florida.....	2,404	(NA)	<u>Frozen vegetables (20372):</u>		
1954.....		103,951	West South Central.....	3,280	6,372	United States, total:		
1947.....		30,852	Louisiana.....	1,773	6,005	1958.....		231,184
	1958 <sup>1</sup>	1954	Texas.....	1,507	(NA)	1957.....		202,784
New England.....	59,475	33,144	Pacific.....	9,307	7,156	1956.....		233,649
Massachusetts.....	52,693	30,263	Washington.....	4,959	5,305	1955.....		182,841
Middle Atlantic.....	17,873	13,027	Oregon.....	1,285	(NA)	1954.....		168,149
Pennsylvania.....	10,744	6,443	California.....	3,063	(NA)	1947.....		68,932
East North Central.....	5,755	1,140		Value of production			1958 <sup>1</sup>	1954
South Atlantic.....	51,702	24,842	<u>Frozen fruits, juices, and ades (20371):</u>			Middle Atlantic.....	40,801	36,219
Maryland.....	2,221	2,449	United States, total:			New York.....	17,943	14,814
Virginia.....	4,718	1,900	1958.....		369,668	North Central.....	<sup>T</sup> 12,023	13,105
Georgia.....	20,660	14,982	1957.....		317,347	South Atlantic.....	18,316	15,663
Florida.....	22,368	5,304	1956.....		318,126	Delaware.....	5,129	4,915
East South Central.....	1,388	1,980	1955.....		271,899	Maryland.....	6,132	5,084
West South Central.....	34,964	17,886	1954.....		256,481	East South Central.....	2,971	2,661
Louisiana.....	3,295	5,291	1947.....		55,467	West South Central.....	5,861	4,152
Texas.....	31,669	12,595		1958 <sup>1</sup>	1954	Mountain.....	20,806	5,333
Pacific.....	24,839	11,931	New England.....	3,602	( <sup>2</sup> )	Pacific.....	116,770	88,949
Washington.....	15,271	8,467	Middle Atlantic.....	19,322	20,870	Washington.....	32,105	27,508
Oregon.....	2,865	2,146	New York.....	14,166	13,557	Oregon.....	31,016	15,533
California.....	6,703	1,317	Pennsylvania.....	4,745	6,381	California.....	53,649	45,907
	Value of production		North Central.....	14,602	14,972			
<u>Fresh packaged fish and other seafood (20362):</u>			Michigan.....	13,494	13,274			
United States, total:			South Atlantic.....	239,363	136,935			
1958.....		58,420	Florida.....	236,061	132,379			
1954.....		53,552	East South Central.....	4,045	1,560			
			Tennessee.....	3,643	1,432			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

NA Not available.

<sup>T</sup>Revised.

<sup>1</sup>For the specified product classes production of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20323, Massachusetts, Kansas, Kentucky, Arkansas, Oklahoma, and Washington; 20331, Massachusetts, Indiana, Minnesota, West Virginia, South Carolina, Idaho, and Colorado; 20332, North Carolina and South Carolina; 20334, Massachusetts, New Jersey, Maryland, West Virginia, Arkansas, and Idaho; 20335, New Jersey, Delaware, Virginia, and Colorado; 20336, Iowa, Missouri, and Texas; 20338, Connecticut, Indiana, Michigan, Wisconsin, Virginia, Tennessee, Alabama, and Arkansas; 20352, Indiana, Minnesota, Iowa, Kansas, Georgia, Florida, Kentucky, Alabama, Mississippi, Arkansas, Louisiana, Colorado, Utah, and Washington; 20353, Connecticut; 20354, Massachusetts, New Jersey, Pennsylvania, Indiana, Michigan, South Carolina, Kentucky, Alabama, Louisiana, and Washington; 20361, Rhode Island, New York, Ohio, Illinois, Missouri, Nebraska, and Delaware; 20371, Georgia; 20372, New Jersey, Minnesota, Virginia, Georgia, Florida, Arkansas, Louisiana, Texas, and Idaho.

<sup>2</sup>Shipments of less than \$1 million reported.

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Product description	Unit of measure	1958 <sup>1</sup>		1954 <sup>1</sup>		1958 <sup>1</sup>		1954 <sup>1</sup>	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2033—CANNED FRUITS AND VEGETABLES				INDUSTRY 2035—PICKLES AND SAUCES			
	Materials, containers, and supplies, total.....		xxx	1,327,666	xxx	1,376,720	xxx	341,768	xxx	336,485
011211	Oranges.....	Tons.....	394,543	23,693	720,072	27,230	(3)	(3)	(3)	(3)
011212	Grapes.....	do.....	241,869	22,797	175,640	16,719	(3)	(3)	(3)	(3)
011213	Apples.....	do.....	494,053	19,963	401,232	29,113	...	...	(3)	(3)
011214	Apricots.....	do.....	69,558	10,167	(2)	(2)	...	...	...	...
011215	Peaches.....	do.....	616,680	46,254	559,168	38,121	...	...	...	...
011216	Pears.....	do.....	338,335	32,364	(2)	(2)	...	...	...	...
011217	Pineapple.....	do.....	8,734	2,560	(2)	(2)	...	...	...	...
011218	Strawberries.....	do.....	26,588	7,059	(2)	(2)	...	...	...	...
011219	Other fresh fruit.....	do.....	xxx	53,972	xxx	107,583	...	2,071	...	2,256
011318	Cucumbers.....	do.....	28,156	2,581	(2)	(2)	326,668	20,766	(2)	(2)
011317	Irish potatoes.....	do.....	66,093	2,140	(2)	(2)	...	...	...	...
011311	Tomatoes.....	do.....	3,453,811	98,988	2,321,588	66,827	7,844	251	370,886	11,224
011313	Sweet corn.....	do.....	959,620	17,912	1,184,031	24,779	...	...	...	...
011315	Snap or wax beans.....	do.....	233,343	26,054	272,064	33,403	(3)	(3)	3,265	336
011316	Green peas.....	do.....	347,222	33,872	276,139	28,661	(3)	(3)	1,691	245
011319	Other fresh vegetables.....	do.....	xxx	58,344	(2)	(2)	...	...	...	...
203411	Dried beans.....	do.....	60,030	11,775	175,791	35,309	(3)	(3)	5,094	954
203451	Dried fruits.....	do.....	47,050	11,591	35,286	9,594	(3)	(3)	3,196	770
206011	Sugar (cane and beet).....	Cwt.....	7,850,854	71,015	8,227,461	70,509	1,568,410	14,101	1,901,292	16,572
209215	Fats and oils, all types (purchased as such).....	1,000 lbs.	18,326	3,048	(2)	(2)	r665,198	r94,992	(2)	(2)
201511	Dressed poultry(purchased as such).....	1,000 lbs.	909	309	(2)	(2)	(D)	(D)	(2)	(2)
267111	Paper board boxes and containers..	...	xxx	45,603	(2)	(2)	xxx	4,073	(2)	(2)
322111	Glass containers.....	...	xxx	68,551	(2)	(2)	xxx	65,643	(2)	(2)
341111	Metal containers.....	...	xxx	351,714	(2)	(2)	xxx	4,224	(2)	(2)
970000	All other materials, ingredients and supplies consumed.....	...	xxx	213,331	xxx	857,280	xxx	r135,647	{ xxx }	304,129
971000	Materials, etc. nsk.....	...	xxx	92,009	xxx	31,592	xxx			
			INDUSTRY 2037—FROZEN FRUITS AND VEGETABLES				INDUSTRY 2032—CANNED SPECIALTIES			
	Materials, containers, and supplies, total.....		xxx	644,193	xxx	260,556	xxx	474,646	(NA)	(NA)
011211	Oranges.....	Tons.....	2,296,082	144,432	1,584,753	58,247	(3)	(3)	(NA)	(NA)
011212	Grapes.....	do.....	(3)	(3)	12,854	1,353	(3)	(3)	(NA)	(NA)
011213	Apples.....	do.....	19,492	847	28,018	2,659	68,149	3,075	(NA)	(NA)
011214	Apricots.....	do.....	(3)	(3)	(2)	(2)	(3)	(3)	(NA)	(NA)
011215	Peaches.....	do.....	20,645	1,223	18,588	1,542	29,283	2,140	(NA)	(NA)
011216	Pears.....	do.....	(3)	(3)	(2)	(2)	(3)	(3)	(NA)	(NA)
011217	Pineapple.....	do.....	(3)	(3)	(2)	(2)	xxx	xxx	(NA)	(NA)
011218	Strawberries.....	do.....	64,555	15,286	(2)	(2)	xxx	xxx	(NA)	(NA)
011219	Other fresh fruit.....	do.....	xxx	25,753	xxx	45,166	(3)	(3)	(NA)	(NA)
011318	Cucumbers.....	do.....	xxx	xxx	(2)	(2)	(3)	(3)	(NA)	(NA)
011317	Irish potatoes.....	do.....	257,217	8,491	(2)	(2)	51,846	2,853	(NA)	(NA)
011311	Tomatoes.....	do.....	(3)	(3)	28,725	645	591,188	18,322	(NA)	(NA)
011313	Sweet corn.....	do.....	219,165	5,161	132,531	3,403	(3)	(3)	(NA)	(NA)
011315	Snap or wax beans.....	do.....	97,735	12,203	69,189	8,825	11,930	1,418	(NA)	(NA)
011316	Green peas.....	do.....	129,120	13,571	86,001	9,599	7,518	1,085	(NA)	(NA)
011319	Other fresh vegetables.....	do.....	xxx	34,871	(2)	(2)	xxx	18,893	(NA)	(NA)
203411	Dried beans.....	do.....	(3)	(3)	...	...	161,916	29,223	(NA)	(NA)
203451	Dried fruits.....	do.....	(3)	(3)	126	24	2,610	1,030	(NA)	(NA)
206011	Sugar (cane and beet).....	Cwt.....	1,040,870	9,792	1,132,244	10,412	1,138,381	10,337	(NA)	(NA)
204111	Wheat flour.....	do.....	13,124,659	118,803	(1)	(1)	(3)	(3)	(NA)	(NA)
209215	Fats and oils, all types (purchased as such).....	1,000 lbs.	38,802	5,880	(2)	(2)	31,058	5,660	(NA)	(NA)
201511	Dressed poultry(purchased as such).....	1,000 lbs.	59,705	20,364	(2)	(2)	68,680	23,103	(NA)	(NA)
267111	Paper board boxes and containers..	...	xxx	40,663	(2)	(2)	xxx	15,178	(NA)	(NA)
322111	Glass containers.....	...	xxx	902	(2)	(2)	xxx	45,338	(NA)	(NA)
341111	Metal containers.....	...	xxx	48,524	(2)	(2)	xxx	113,480	(NA)	(NA)
970000	All other materials, ingredients and supplies consumed.....	...	xxx				xxx			
971000	Materials, etc. nsk.....	...	xxx	237,427	{ xxx }	118,681	{ xxx }	183,511	(NA)	(NA)
			INDUSTRY 2031—CANNED AND CURED SEAFOOD				INDUSTRY 2036—FRESH AND FROZEN PACKAGED FISH			
	Materials, containers and supplies, total.....		xxx	203,460	xxx	190,570	xxx	200,635	xxx	116,157
091211	Fin fish, round.....	Tons.....	xxx	115,217	xxx	114,538	xxx	68,036	xxx	39,303
091311	Shellfish.....	Tons.....	xxx	14,813	(2)	(2)	xxx	79,604	(2)	(2)
209215	Fats and oils, all types (purchased as such).....	1,000 lbs.	17,583	2,549	(2)	(2)	4,497	821	(2)	(2)
970000	All other materials, ingredients, containers and supplies consumed.....	...	xxx	70,881	xxx	73,319	xxx	27,504	xxx	72,223
971000	Materials, etc., nsk.....	...	xxx	xxx	xxx	2,713	xxx	24,670	xxx	4,631

D Withheld to avoid disclosing the figures of individual companies. <sup>2</sup>Revised.

NA Not available.

<sup>1</sup>Figures are not completely comparable between 1954 and 1958 because of changes in the Standard Industrial Classification system. See Introductory text for each industry and table 1A.<sup>2</sup>Not collected separately in 1954.<sup>3</sup>Included in Code 970000, all other materials.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2031	CANNED AND CURED SEA FOOD (entire industry).....	1,333	14,713	146,129	13,254	21,077	37,416	100,242	224,990	325,088	2,524
	Establishments with:										
	90% or more specialization.....	294	12,558	39,522	11,345	17,952	32,177	88,585	198,430	286,937	2,180
	75-89% specialization.....	13	651	2,089	546	884	1,506	4,519	6,814	11,339	(1)
2032	CANNED SPECIALTIES (entire industry)...	107	24,186	109,479	19,496	41,562	81,397	340,847	507,011	843,030	16,409
	Establishments with:										
	90% or more specialization.....	61	9,127	41,852	7,269	14,860	29,968	144,369	198,245	342,278	6,377
	75-89% specialization.....	19	10,672	52,552	8,684	19,074	40,722	162,790	230,548	385,383	8,371
20323	Canned dried beans (primary product class of estab.).....	60	5,090	16,370	4,264	8,884	12,400	35,439	92,629	128,141	1,613
	Establishments with:										
	90% or more specialization....	34	903	2,756	767	1,472	2,187	6,513	14,427	20,955	(1)
	75-89% specialization.....	11	1,312	4,366	1,120	2,299	3,466	13,664	28,811	42,402	716
2033	CANNED FRUITS AND VEGETABLES (entire industry).....	1,607	100,084	319,694	88,091	168,480	252,711	808,306	1,420,275	2,227,041	40,131
	Establishments with:										
	90% or more specialization.....	1,371	76,281	237,711	67,627	129,226	190,953	595,763	1,013,807	1,607,213	30,189
	75-89% specialization.....	82	8,773	28,092	7,654	14,046	21,776	68,215	131,348	200,304	2,505
20331	Canned fruits (primary product class of estab.).....	247	27,016	89,909	24,438	45,330	73,563	235,757	387,602	624,676	9,786
	Establishments with:										
	90% or more specialization....	126	9,445	30,091	8,586	16,090	24,946	80,783	128,588	210,184	3,431
	75-89% specialization.....	41	5,789	17,928	5,262	8,939	14,389	41,523	76,879	118,586	2,297
20332	Canned vegetables (primary product class of estab.).....	699	43,650	120,284	39,068	74,330	97,277	276,327	451,545	731,614	14,284
	90% or more specialization.....	518	26,317	67,159	23,536	43,451	54,074	155,224	231,955	384,389	8,749
	75-89% specialization.....	63	4,471	12,731	3,987	7,640	10,425	26,019	42,594	68,592	945
20333	Canned hominy and mushrooms (primary product class of estab.).....	26	2,251	5,908	1,966	3,439	4,408	13,473	22,532	36,037	818
	Establishments with:										
	90% or more specialization....	18	1,662	3,727	1,537	2,507	3,063	7,126	16,321	23,398	592
20334	Canned fruit juices (primary product class of estab.).....	129	7,140	25,112	5,994	11,805	18,475	67,912	153,552	222,904	3,503
	Establishments with:										
	90% or more specialization....	82	1,978	7,050	1,339	2,559	3,892	16,908	32,492	49,182	967
	75-89% specialization.....	11	615	2,035	562	1,290	1,679	9,313	14,636	23,951	(1)
20335	Canned vegetable juices (primary product class of estab.).....	30	2,614	9,538	2,338	4,569	8,098	26,925	45,470	72,580	922
	Establishments with:										
	90% or more specialization....	12	357	976	297	587	692	4,014	6,127	10,144	(1)
	75-89% specialization.....	4	228	662	211	520	588	1	2,431	2,432	(1)
20336	Catsup and other tomato sauces (primary product class of estab.)..	110	8,105	34,541	6,983	15,132	28,041	107,782	175,706	281,773	5,918
	Establishments with:										
	90% or more specialization....	70	1,947	6,689	1,658	3,408	5,296	15,332	34,453	48,453	865
20338	Jams, jellies and preserves (primary product class of estab.).....	151	6,383	26,540	4,838	9,855	16,632	64,429	154,303	217,990	3,740
	Establishments with:										
	90% or more specialization....	102	2,398	9,304	1,916	3,834	6,384	23,256	51,814	74,900	1,051
	75-89% specialization.....	13	907	3,557	616	1,312	2,207	7,174	23,791	30,988	1,576
2035	PICKLES AND SAUCES (entire industry)...	619	19,500	70,494	15,623	29,792	48,511	164,624	361,454	525,309	11,197
	Establishments with:										
	90% or more specialization.....	515	11,894	41,114	9,890	18,823	29,427	88,905	189,209	277,629	4,419
	75-89% specialization.....	40	2,390	9,448	1,960	3,804	6,725	15,538	54,051	69,350	3,607
20352	Pickles and other pickled products (primary product class of estab.)..	263	10,658	34,225	9,085	17,429	24,764	68,654	105,256	173,431	5,713
	Establishments with:										
	90% or more specialization....	195	5,955	18,216	5,176	10,141	13,955	38,170	55,001	93,073	1,906
	75-89% specialization.....	26	1,919	6,852	1,660	3,076	5,079	13,627	19,792	33,231	2,567
20353	Meat sauces (except tomato) and unfinished pickles (primary product class of estab.).....	118	2,323	8,519	1,788	3,389	5,739	30,888	34,080	65,116	2,021
	Establishments with:										
	90% or more specialization....	94	1,130	3,734	889	1,635	2,553	11,937	12,957	24,797	(1)
	75-89% specialization.....	8	197	609	165	312	486	1,025	1,608	2,699	(1)

See footnotes at end of table.

Table 8.-General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958-Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2035	PICKLES AND SAUCES (entire industry)- Continued										
20354	Salad dressing, mayonnaise, and sandwich spreads (primary product class of estab.).....	119	5,186	24,501	3,617	7,231	15,416	57,520	207,518	264,434	2,425
	Establishments with:										
	90% or more specialization....	82	2,050	10,407	1,473	2,919	6,445	19,587	75,697	95,116	832
	75-89% specialization.....	12	1,117	5,212	916	1,867	3,819	8,770	55,093	63,850	896
2036	FRESH AND FROZEN PACKAGED FISH (entire industry).....	440	17,469	40,918	15,457	25,958	31,933	82,368	225,437	307,399	3,637
	Establishments with:										
	90% or more specialization.....	404	15,104	33,397	13,445	22,199	26,516	68,944	181,967	250,239	3,088
	75-89% specialization.....	12	1,056	3,498	881	1,798	2,559	5,080	18,676	23,652	( <sup>1</sup> )
20361	Frozen packaged fish and other seafood (primary product class of estab.).....	152	10,773	27,952	9,504	16,408	21,183	56,027	172,632	228,605	1,934
	Establishments with:										
	90% or more specialization....	119	8,314	19,471	7,422	12,346	14,703	40,653	121,734	162,188	1,260
	75-89% specialization.....	12	1,238	4,437	1,052	2,167	3,465	6,090	20,636	26,820	( <sup>1</sup> )
20362	Fresh packaged fish and other seafood (primary product class of estab.).....	206	5,182	10,582	4,624	7,576	8,728	21,487	44,136	64,991	1,369
	Establishments with:										
	90% or more specialization....	178	3,672	7,041	3,254	5,222	6,031	14,303	29,132	43,336	653
	75-89% specialization.....	17	1,122	2,681	1,026	1,857	2,037	4,452	7,549	12,001	( <sup>1</sup> )
2037	FROZEN FRUITS AND VEGETABLES (entire industry).....	426	39,528	126,804	34,138	66,274	96,858	323,789	702,940	1,025,897	19,613
	Establishments with:										
	90% or more specialization.....	359	29,119	91,708	25,226	47,404	70,117	246,156	450,411	693,456	14,318
	75-89% specialization.....	25	3,120	11,336	2,672	5,914	8,656	19,117	92,911	113,148	1,904
20371	Frozen fruits and juices (primary product class of estab.).....	148	9,679	34,820	7,635	16,617	23,891	105,551	313,630	418,427	6,432
	Establishments with:										
	90% or more specialization....	106	4,219	14,622	3,196	6,687	9,465	48,426	127,177	175,390	2,143
	75-89% specialization.....	17	1,063	4,641	873	2,457	3,593	12,324	52,881	66,041	1,065
20372	Frozen vegetables (primary product class of estab.).....	112	15,728	46,747	14,208	25,973	38,178	109,338	148,461	257,456	4,037
	Establishments with:										
	90% or more specialization....	75	10,625	32,074	9,522	17,762	26,039	76,949	102,059	179,087	2,469
	75-89% specialization.....	14	1,601	4,577	1,441	2,402	3,591	9,070	16,556	25,570	511
20373	Frozen prepared foods (primary product class of estab.).....	124	13,090	42,967	11,348	22,040	32,895	106,007	231,634	335,877	9,171
	Establishments with:										
	90% or more specialization....	104	8,552	28,613	7,323	13,869	21,159	85,223	159,176	242,078	7,568
	75-89% specialization.....	10	2,271	7,564	1,981	3,884	5,900	7,607	44,133	52,053	934

<sup>1</sup>Less than \$500 thousand.



# Grain Mill Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2041—Flour and Other Grain Mill Products
- 2042—Prepared Feeds for Animals and Fowls
- 2043—Cereal Preparations
- 2044—Rice Milling
- 2045—Blended and Prepared Flour
- 2046—Wet Corn Milling

Establishments in this group of industries frequently supplement their manufacturing activities with sales of grain and of commodities produced elsewhere. Such establishments were classified in manufacturing if at least 25 percent of their total receipts were from manufacturing activities, except for Industry 2042, Prepared Feeds for Animals and Fowls, where it was required that receipts from manufacturing exceed receipts from merchandising. Most establishments which mixed some feed but did not meet these criteria were included in the 1958 Census of Business, except for some whose principal activity (e.g. custom milling) fell outside the scope of any of the 1958 economic censuses.

## 2041—Flour and Other Grain Mill Products

This industry comprises establishments primarily engaged in milling flour or meal from grain, except rice (Industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes from purchased ingredients are classified in Industry 2045. For a detailed list of products of Industry 2041, refer to table 6A, product codes 2041101 to 2041619.

Value of shipments and other receipts of the Flour and Meal Industry in 1958 totaled \$2,089 million. This included shipments of flour, flour mixes, and meal (primary products), valued at \$1,825 million, shipments of other products (secondary products) valued at \$136 million, and miscellaneous receipts (chiefly resales) of \$128 million.

This industry's shipments of flour, flour mixes, and meal (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 94 percent.

Industry 2041 shipments of flour, flour mixes, and meal (primary products) in 1958 represented 85 percent (coverage ratio) of these products valued at \$2,138 million shipped by all industries. In 1954, the coverage ratio was 84 percent. In 1958, the total value of flour mixes shipped from all manufacturing establishments was \$467 million, of which \$231 million was shipped by establishments classified in Industry 2041 and \$180 million by those classified in Industry 2045, Blended and Prepared Flour.

Because of the similarity of the products of Industry 2045 to those of Industry 2041, it is desirable for some purposes to combine the statistics for the two industries. Viewed as a combined industry, the specialization ratio for 1958 was 85 percent, and the coverage ratio 94 percent. The 1954 ratios were approximately the same, as shown in table 5A.

## 2042—Prepared Feeds for Animals and Fowls

This industry comprises establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the Census of Manufactures.

Substantial quantities of prepared feeds are mixed at locations which are not included in the Census of Manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, and cattle-feeding operations.

The specialization and coverage ratios for Industry 2042 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in Table 5A.

## 2043—Cereal Preparations

This industry comprises establishments primarily engaged in manufacturing cereal breakfast foods and related preparations. Establishments primarily engaged in manufacturing hominy grits for human consumption are classified in Industry 2041, Flour and Other Grain Mill Products. For a detailed list of products of Industry 2043, refer to table 6A, product codes 2043011 to 2043059.

Value of shipments and other receipts of the Cereal Preparations Industry in 1958 totaled \$444 million. This included shipments of cereal preparations (primary products) valued at \$352 million, shipments of other products (secondary products) valued at \$80 million, and miscellaneous receipts (mainly resales) of \$12 million.

This industry's shipments of cereal preparations (primary products) in 1958 represented 80 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 77 percent.

Industry 2043 shipments of cereal preparations (primary products) in 1958 represented 82 percent (coverage ratio) of these products valued at \$432 million shipped by all industries. In 1954, the coverage ratio was 80 percent.

## 2044—Rice Milling

This industry comprises establishments primarily engaged in cleaning and polishing rice, and in manufacturing



rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.

The specialization and coverage ratios for Industry 2044 were approximately 100 percent in both 1958 and 1954 indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of specialization and coverage ratios are provided in table 5A.

#### 2045—Blended and Prepared Flour

This industry comprises establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour (including flour transferred from flour mills owned by the same company). Important products of this industry include plain blended flour, and phosphated, self-rising, and other kinds of prepared flour mixes such as biscuit, cake, doughnut, and pancake mixes. Establishments making the same products from flour milled at the same location are classified in Industry 2041, Flour and Other Grain Mill Products.

Value of shipments and other receipts of the Blended and Prepared Flour Industry in 1958 totaled \$279 million. This included shipments of prepared flour and flour mixes (primary products) valued at \$179 million, shipments of other products (secondary products) valued at \$83 million, and miscellaneous receipts (mainly resales) of \$17 million.

This industry's shipments of prepared flour and mixes (primary products) in 1958 represented 68 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 71 percent.

Industry 2045 shipments of prepared flour (primary

products) in 1958 represented 38 percent (coverage ratio) of these products valued at \$467 million shipped by all industries. In 1954, the coverage ratio was 45 percent.

Because of the similarity of the products of Industry 2045 to those of Industry 2041, it is desirable for some purposes to combine the statistics for the two industries. Viewed as a combined industry, the specialization ratio for 1958 was 85 percent, and the coverage ratio 94 percent. The 1954 ratios were approximately the same as shown in table 5A.

#### 2046—Wet Corn Milling (Formerly S.I.C. 2094)

This industry comprises establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and by-products, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in Industry 2099; those primarily engaged in manufacturing corn meal and grits are classified in Industry 2041, Flour and Meal.

The code number of this industry in the 1957 edition of the Standard Industrial Classification was changed from 2094 to 2046. There were no changes in the definition of the industry.

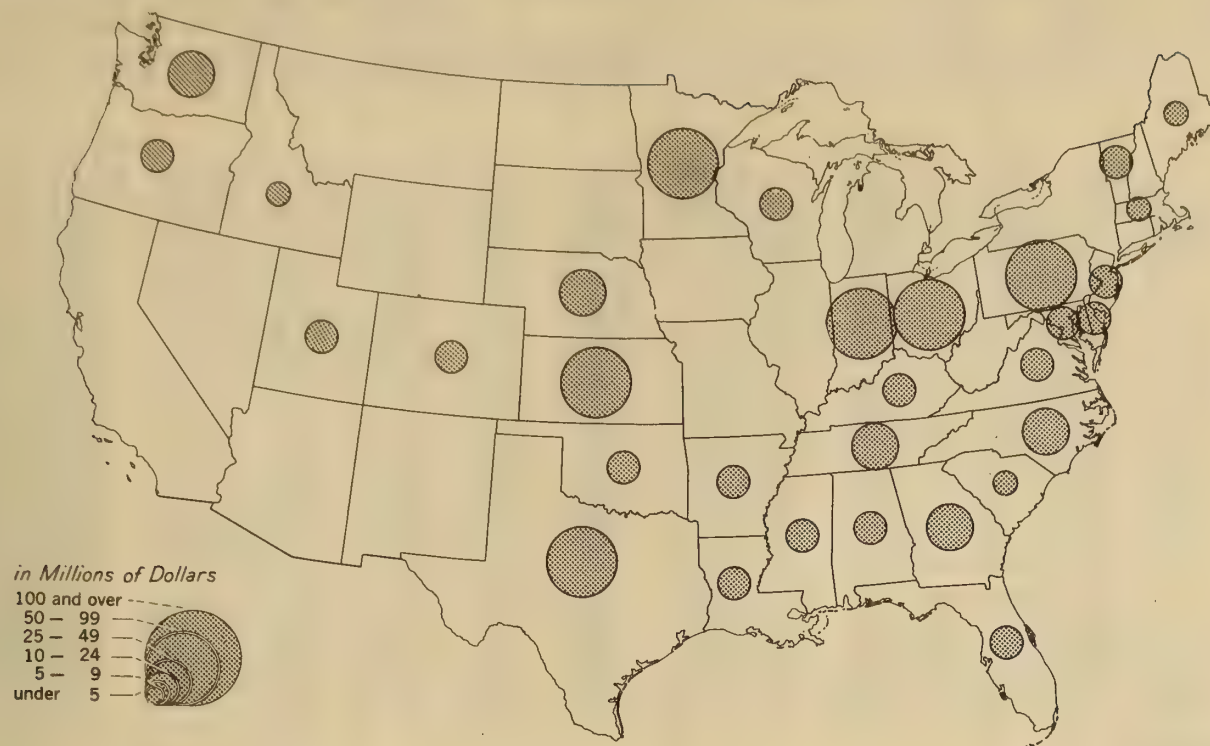
The specialization and coverage ratios for Industry 2046 were over 90 percent in 1958 and 1954 indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## GRAIN MILL PRODUCTS: SIC 204

Value Added by Manufacture by State: 1958



Includes Industries 2041, 2042, 2043, 2044, 2045 and 2046. See Table 2.

Bureau of the Census M-58-D204

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Speci- alization ratio <sup>6</sup> (per- cent)	Cov- erage ratio <sup>7</sup> (per- cent)			
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)									
2041 (old SIC 2041)	Flour and meal:																	
		1958.....	703	814	250	28,215	140,121	20,519	44,111	96,165	1,393,053	1,693,756	2,086,706	22,109	93	85		
		1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	27,085	124,496	19,931	43,827	86,130	347,609	1,465,703	1,827,969	17,670	94	83		
		1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	27,996	123,317	20,665	45,446	86,008	339,286	1,475,062	1,820,843	17,564	(NA)	(NA)		
		1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	28,822	122,422	21,177	46,860	85,714	326,717	1,551,471	1,860,827	16,288	(NA)	(NA)		
		1954.....	692	803	260	28,969	119,844	21,447	47,919	83,813	330,634	1,671,996	2,002,227	15,240	94	84		
		1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	31,204	121,783	23,916	54,638	89,867	360,329	1,599,249	1,959,578	(NA)	(NA)	(NA)		
		1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,661	134,840	26,120	59,788	95,658	386,051	1,843,066	2,229,117	(NA)	(NA)	(NA)		
		1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,664	128,435	26,547	59,223	90,129	378,608	1,794,966	2,173,574	(NA)	(NA)	(NA)		
		1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,397	118,016	26,358	57,133	81,548	346,608	1,530,593	1,877,201	(NA)	(NA)	(NA)		
		1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,706	113,978	27,425	61,032	78,421	284,774	1,518,543	1,803,317	(NA)	(NA)	(NA)		
		1947.....	1,047	1,243	393	39,597	119,533	30,821	(NA)	86,000	410,774	2,115,872	2,526,646	(NA)	(NA)	(NA)		
		1939 <sup>9</sup> .....	(NA)	2,143	(NA)	35,978	49,375	24,771	(NA)	28,370	143,882	506,061	649,943	(NA)	(NA)	(NA)		
		1937.....	(NA)	2,238	(NA)	32,977	44,008	26,390	(NA)	30,186	133,599	722,711	856,310	(NA)	(NA)	(NA)		
		1935.....	(NA)	2,193	(NA)	33,805	41,860	26,495	(NA)	27,105	136,997	716,222	853,219	(NA)	(NA)	(NA)		
		1933.....	(NA)	1,932	(NA)	28,713	31,374	23,207	(NA)	22,591	134,332	432,671	567,003	(NA)	(NA)	(NA)		
		1931.....	(NA)	2,412	(NA)	(NA)	(NA)	22,840	(NA)	27,298	136,950	461,091	598,041	(NA)	(NA)	(NA)		
		1929.....	(NA)	4,022	(NA)	35,792	55,667	27,028	(NA)	35,072	191,396	868,873	1,060,269	(NA)	(NA)	(NA)		
		1927.....	(NA)	4,035	(NA)	40,128	59,791	29,982	(NA)	37,559	176,049	972,711	1,148,760	(NA)	(NA)	(NA)		
		1925 <sup>10</sup> .....	(NA)	4,413	(NA)	42,775	62,693	31,988	(NA)	39,700	172,636	1,125,379	1,298,015	(NA)	(NA)	(NA)		
		1923.....	(NA)	5,232	(NA)	48,029	68,035	35,194	(NA)	41,704	162,605	885,972	1,048,577	(NA)	(NA)	(NA)		
		1921.....	(NA)	6,485	(NA)	48,137	68,818	35,378	(NA)	43,143	185,930	993,810	1,179,740	(NA)	(NA)	(NA)		
		1919.....	(NA)	10,708	(NA)	63,832	82,901	45,481	(NA)	50,888	253,253	1,799,181	2,052,434	(NA)	(NA)	(NA)		
		1914.....	(NA)	10,788	(NA)	52,966	40,963	39,718	(NA)	24,593	125,410	752,270	877,680	(NA)	(NA)	(NA)		
		1909.....	(NA)	11,691	(NA)	51,484	33,981	39,453	(NA)	21,464	116,008	767,576	883,584	(NA)	(NA)	(NA)		
		1904.....	(NA)	10,051	(NA)	46,525	27,175	39,110	(NA)	19,822	93,062	619,971	713,033	(NA)	(NA)	(NA)		
		1899.....	(NA)	9,476	(NA)	37,748	21,543	32,226	(NA)	16,285	73,279	428,117	501,396	(NA)	(NA)	(NA)		
2042 (old SIC 2042)	Prepared animal feeds:																	
		1958.....	2,016	2,379	715	57,313	252,346	38,010	81,406	151,819	798,892	2,444,799	3,238,414	54,863	97	91		
		1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,579	241,654	38,884	84,769	142,531	685,873	2,024,891	2,672,507	36,902	95	90		
		1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	59,471	239,128	40,202	87,394	141,257	671,309	2,009,957	2,645,964	50,826	(NA)	(NA)		
		1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,861	226,674	40,418	88,243	136,732	650,686	1,952,622	2,556,812	42,511	(NA)	(NA)		
		1954.....	2,037	2,292	685	59,890	225,199	41,290	91,220	138,520	629,963	2,354,603	2,981,435	36,812	95	90		
		1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	54,845	200,340	38,870	85,604	125,409	522,794	1,875,862	2,398,656	(NA)	(NA)	(NA)		
		1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	56,571	200,837	40,777	93,818	132,176	554,849	2,228,677	2,783,526	(NA)	(NA)	(NA)		
		1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	56,238	189,008	39,710	90,158	121,734	514,200	1,932,808	2,447,008	(NA)	(NA)	(NA)		
		1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,505	176,598	40,032	87,916	112,146	498,921	1,703,225	2,202,146	(NA)	(NA)	(NA)		
		1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	55,206	162,457	38,449	84,700	98,329	414,705	1,536,394	1,951,099	(NA)	(NA)	(NA)		
		1947.....	2,372	2,688	(NA)	55,152	142,562	40,115	(NA)	93,124	393,049	1,719,192	2,112,241	(NA)	(NA)	(NA)		
		1939.....	(NA)	1,383	(NA)	24,177	31,803	15,401	(NA)	16,253	99,240	302,640	401,880	(NA)	(NA)	(NA)		
		1937.....	(NA)	1,126	(NA)	19,190	24,486	14,397	(NA)	15,839	76,706	338,505	415,211	(NA)	(NA)	(NA)		
		1935.....	(NA)	942	(NA)	15,427	18,348	11,606	(NA)	11,068	58,040	230,622	288,662	(NA)	(NA)	(NA)		
		1933.....	(NA)	710	(NA)	11,340	11,496	8,791	(NA)	7,866	39,273	122,070	161,343	(NA)	(NA)	(NA)		
		1931.....	(NA)	796	(NA)	(NA)	(NA)	8,449	(NA)	9,402	47,187	162,734	209,921	(NA)	(NA)	(NA)		
		1929.....	(NA)	750	(NA)	14,384	22,400	10,223	(NA)	12,821	74,833	327,920	402,753	(NA)	(NA)	(NA)		
		1927 <sup>11</sup> .....	(NA)	447	(NA)	11,378	17,475	7,632	(NA)	9,703	55,117	244,676	299,793	(NA)	(NA)	(NA)		
		2043 (old SIC 2043)	Cereal preparations:															
				1958 <sup>12</sup> .....	133	43	25	10,927	61,902	8,490	16,803	44,101	243,088	202,045	444,132	7,521	80	81
				1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,369	60,483	8,831	17,457	43,517	210,442	181,128	386,570	6,891	81	81
				1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,614	57,552	9,039	18,188	41,851	203,540	165,147	366,577	8,070	(NA)	(NA)
				1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,397	53,140	9,064	18,119	39,738	183,040	170,219	348,700	8,284	(NA)	(NA)
				1954 <sup>12</sup> .....	37	46	27	11,534	51,002	9,149	18,211	38,062	177,171	188,004	365,728	4,403	77	80
				1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,027	49,385	9,776	(NA)	38,357	178,177	177,184	375,361	(NA)	(NA)	(NA)
				1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,129	54,282	11,404	23,614	40,697	190,001	231,430	427,431	(NA)	(NA)	(NA)
1951 <sup>8</sup> .....	(NA)			(NA)	(NA)	14,212	51,345	11,678	23,870	39,075	177,414	238,219	415,633	(NA)	(NA)	(NA)		
1950 <sup>8</sup> .....	(NA)			(NA)	(NA)	13,663	46,083	10,535	21,806	33,801	159,847	201,953	361,800	(NA)	(NA)	(NA)		
1947.....	55			64	(NA)	11,276	30,689	9,496	19,540	25,160	130,188	154,478	284,666	(NA)	68	87		
1939.....	(NA)			70	(NA)	9,033	13,647	7,458	(NA)	9,857	70,349	58,034	128,383	(NA)	(NA)	(NA)		
1937 <sup>13</sup> .....	(NA)			71	(NA)	(NA)	(NA)	7,725	(NA)	10,419	65,680	85,181	150,861	(NA)	(NA)	(NA)		
1935.....	(NA)			110	(NA)	9,204	11,531	7,890	(NA)	8,526	64,248	82,433	146,681	(NA)	(NA)	(NA)		
1933.....	(NA)			103	(NA)	8,135	9,064	7,115	(NA)	7,270	56,011	55,015	111,026	(NA)	(NA)	(NA)		
1931.....	(NA)			111	(NA)	(NA)	(NA)	7,018	(NA)	9,005	72,156	69,427	141,583	(NA)	(NA)	(NA)		
1929.....	(NA)			121	(NA)	8,158	12,231	6,488	(NA)	8,876	73,751	101,472	175,223	(NA)	(NA)	(NA)		
1927.....	(NA)			77	(NA)	7,210	11,032	6,028	(NA)	8,417	63,815	91,748	155,563	(NA)	(NA)	(NA)		
1925.....	(NA)			90	(NA)	(NA)	(NA)	6,168	(NA)	7,942	57,502	92,577	150,079	(NA)	(NA)	(NA)		
1923.....	(NA)			92	(NA)	7,627	10,438	6,410	(NA)	7,878	48,287	84,458	132,745	(NA)	(NA)	(NA)		
1921.....	(NA)			82	(NA)	7,853	12,189	5,749	(NA)	7,178	43,482	74,559	118,041	(NA)	(NA)	(NA)		
1919.....	(NA)			105	(NA)	10,874	14,258	7,634	(NA)	8,509	41,385	117,838	159,223	(NA)	(NA)	(NA)		
1914 <sup>14</sup> .....	(NA)			137	(NA)	7,513	6,094	5,177	(NA)	3,134	23,218	36,767	59,985	(NA)	(NA)	(NA)		

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2044 (old SIC 2044)	Rice milling:														
		61	r72	r51	r3,843	r14,286	r2,903	r5,982	r8,976	r53,152	r262,304	r312,061	1,442	100	100
		65	80	58	3,964	13,367	3,129	7,145	8,397	44,304	231,284	273,770	3,538	99	100
		75	88	59	4,072	9,999	3,267	7,788	6,700	43,432	181,309	224,741	(NA)	100	100
		(NA)	72	(NA)	3,218	3,094	2,346	(NA)	1,533	8,561	33,802	42,363	(NA)	(NA)	(NA)
		(NA)	61	(NA)	2,781	2,592	2,218	(NA)	1,356	8,037	38,816	46,853	(NA)	(NA)	(NA)
		(NA)	68	(NA)	2,609	2,664	2,025	(NA)	1,312	9,899	34,214	44,113	(NA)	(NA)	(NA)
		(NA)	50	(NA)	1,988	1,646	1,636	(NA)	1,022	7,986	22,697	30,683	(NA)	(NA)	(NA)
		(NA)	55	(NA)	(NA)	(NA)	1,503	(NA)	1,276	8,547	31,813	40,360	(NA)	(NA)	(NA)
		(NA)	60	(NA)	2,116	2,658	1,589	(NA)	1,449	10,350	38,444	48,794	(NA)	(NA)	(NA)
		(NA)	60	(NA)	2,146	2,752	1,524	(NA)	1,546	7,649	46,481	54,130	(NA)	(NA)	(NA)
		(NA)	63	(NA)	1,881	2,220	1,296	(NA)	1,098	7,651	45,847	53,498	(NA)	(NA)	(NA)
		(NA)	69	(NA)	2,365	2,520	1,764	(NA)	1,379	6,855	40,213	47,068	(NA)	(NA)	(NA)
		(NA)	76	(NA)	2,644	3,107	1,940	(NA)	1,707	7,034	34,179	41,213	(NA)	(NA)	(NA)
		(NA)	86	(NA)	3,209	3,441	2,113	(NA)	1,932	13,404	76,634	90,038	(NA)	(NA)	(NA)
		(NA)	59	(NA)	1,691	1,284	1,253	(NA)	646	2,423	20,616	23,039	(NA)	(NA)	(NA)
		(NA)	71	(NA)	1,739	1,177	1,239	(NA)	564	2,870	19,501	22,371	(NA)	(NA)	(NA)
		(NA)	74	(NA)	1,928	1,189	1,492	(NA)	641	2,982	13,315	16,297	(NA)	(NA)	(NA)
		(NA)	80	(NA)	820	448	651	(NA)	266	1,148	7,576	8,724	(NA)	(NA)	(NA)
2045 (old SIC 2045)	Blended and prepared flour:														
		112	117	30	4,894	28,353	3,556	7,467	17,664	118,073	164,196	279,364	8,606	68	38
		123	131	34	5,585	25,446	4,366	8,834	16,982	106,132	161,654	267,175	5,353	71	45
		115	123	(NA)	3,120	8,953	2,364	(NA)	5,245	24,249	54,193	78,442	(NA)	81	17
		(NA)	78	(NA)	1,105	1,419	706	(NA)	593	3,928	13,966	17,894	(NA)	(NA)	(NA)
		(NA)	41	(NA)	(NA)	(NA)	408	(NA)	373	3,909	9,725	13,634	(NA)	(NA)	(NA)
2046 (old SIC 2094)	Wet corn milling:														
		53	59	26	13,792	78,767	10,385	22,241	56,335	249,435	282,040	528,530	18,056	91	96
		(NA)	(NA)	(NA)	13,317	73,401	10,399	22,567	53,488	232,371	273,994	504,118	67,091	91	96
		(NA)	(NA)	(NA)	13,438	70,127	10,430	22,642	50,967	204,718	285,798	485,297	24,082	(NA)	(NA)
		(NA)	(NA)	(NA)	13,081	64,219	10,224	21,543	47,018	202,289	271,918	469,738	(S)	(NA)	(NA)
		54	58	21	13,565	60,030	10,584	21,008	43,172	178,722	285,806	463,548	16,391	91	96
		(NA)	(NA)	(NA)	14,068	63,376	11,047	23,181	45,217	176,520	320,896	497,416	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	11,850	51,391	9,564	20,067	37,879	146,289	292,694	438,983	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	12,227	50,285	9,976	21,600	39,206	125,273	304,652	429,925	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	11,389	43,730	9,361	20,324	34,321	132,540	265,913	398,453	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	10,759	37,527	8,931	18,769	28,881	105,402	222,982	328,384	(NA)	(NA)	(NA)
		47	55	(NA)	12,324	41,115	10,158	23,032	32,688	127,143	332,835	459,978	(NA)	88	96
		(NA)	35	(NA)	9,024	15,726	6,764	(NA)	10,586	52,493	66,913	119,406	(NA)	(NA)	(NA)
		(NA)	27	(NA)	8,137	13,492	7,010	(NA)	10,411	39,358	96,462	135,820	(NA)	(NA)	(NA)
		(NA)	36	(NA)	8,616	11,876	7,337	(NA)	8,436	33,369	70,263	103,632	(NA)	(NA)	(NA)
		(NA)	28	(NA)	8,692	10,986	7,591	(NA)	8,575	45,941	47,420	93,361	(NA)	(NA)	(NA)
		(NA)	43	(NA)	(NA)	(NA)	6,652	(NA)	7,963	44,689	54,034	98,723	(NA)	(NA)	(NA)
		(NA)	35	(NA)	8,218	14,009	6,730	(NA)	9,873	61,699	104,285	165,984	(NA)	(NA)	(NA)
		(NA)	26	(NA)	8,254	13,565	6,972	(NA)	10,490	43,555	90,906	134,461	(NA)	(NA)	(NA)
		(NA)	30	(NA)	7,835	12,652	6,492	(NA)	9,378	39,834	93,064	132,898	(NA)	(NA)	(NA)
		(NA)	31	(NA)	7,748	11,929	6,537	(NA)	9,090	42,079	74,481	116,560	(NA)	(NA)	(NA)
		(NA)	32	(NA)	7,097	10,069	6,131	(NA)	7,840	29,180	50,861	80,041	(NA)	(NA)	(NA)
		(NA)	56	(NA)	8,657	14,175	7,795	(NA)	11,962	55,927	130,329	186,256	(NA)	(NA)	(NA)
		(NA)	89	(NA)	5,887	5,490	4,509	(NA)	3,550	12,407	40,208	52,615	(NA)	(NA)	(NA)
		(NA)	118	(NA)	5,741	4,080	4,773	(NA)	2,666	11,900	36,899	48,799	(NA)	(NA)	(NA)
		(NA)	140	(NA)	5,298	3,296	4,679	(NA)	2,641	7,131	25,519	32,650	(NA)	(NA)	(NA)
		(NA)	132	(NA)	6,496	3,586	5,943	(NA)	2,855	9,347	21,580	30,927	(NA)	(NA)	(NA)

NA Not available. <sup>†</sup>Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued on next page.

## MANUFACTURES-INDUSTRY STATISTICS

Footnotes for Table 1—MC-20A

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2041	315,143	2044	42,359
2042	584,135	2045	103,134
2043	172,283	2046	176,696

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2041	1,589,601	1,543,745	2044	232,284	224,502
2042	2,194,885	2,118,132	2045	152,528	151,001
2043	193,849	173,559	2046	276,687	281,746

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2041	1,968,158	1,858,888	2044	282,342	266,861
2042	2,942,008	2,702,267	2045	262,720	254,136
2043	432,974	345,843	2046	521,970	458,442

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The figures for 1939 include data for two establishments making soy flour. Although soy flour is now classified in the "Soybean oil mills" industry, the data for these two establishments have been included in the 1939 figures for "Flour and meal" to avoid disclosure of their figures.

<sup>10</sup>The figures for 1899-1925 are not strictly comparable with those for later years because they include data for establishments which made prepared animal feeds from grain ground in the same establishment. Such establishments have been classified in "Prepared animal feeds" since 1927.

<sup>11</sup>The figures for years prior to 1927 are not sufficiently comparable with those for later years to be shown in this table because they do not include data for manufacturers of prepared feeds who grind the grain consumed.

<sup>12</sup>This industry contains a number of small establishments some of which may have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

<sup>13</sup>The figures for 1937-1954 exclude data for plants primarily making self-rising flour, whereas the figures for earlier years include data for such plants. Value added in 1937, including data for self-rising flour, was \$69.6 million.

<sup>14</sup>Prior to 1914, "Cereal preparations" was combined with "Food preparations, nec."

<sup>15</sup>The figures for 1937 are for self-rising flour only. Blended flour made from purchased flour was not classified as a manufactured product prior to 1937. No comparable figures are available prior to 1937.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industr., region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2041	Flour and meal, total.....	814	250	28,215	140,121	20,519	44,111	96,165	739,053	72,086,706	22,109	28,969	315,143	39,597
	Northeast.....	85	16	2,544	14,422	2,016	4,336	11,000	41,348	247,868	2,491	2,840	30,379	3,373
	New York.....	30	11	2,122	12,616	1,670	3,612	9,721	37,445	224,495	2,169	2,282	26,901	2,577
	Pennsylvania....	50	4	366	1,505	304	639	1,119	3,238	19,434	(2)	481	2,810	723
	East North													
	Central.....	118	40	5,588	30,825	4,068	8,814	20,839	63,583	397,228	4,632	5,998	73,435	6,876
	Ohio.....	32	8	633	2,956	510	1,021	2,266	7,581	64,163	860	727	7,137	1,147
	Indiana.....	24	7	984	5,268	697	1,475	3,310	15,575	61,489	741	(D)	(D)	1,234
	Illinois.....	26	14	2,579	14,729	1,924	4,115	10,419	22,272	171,405	2,133	(D)	(D)	2,876
	West North													
	Central.....	109	79	7,976	40,641	6,025	13,114	29,791	131,667	729,548	8,216	7,667	88,244	13,667
	Minnesota.....	27	18	1,901	10,463	1,451	3,160	7,664	26,925	183,769	2,093	2,236	20,920	3,696
	Iowa.....	10	4	308	1,511	236	510	1,163	4,025	29,171	(2)	294	4,530	400
	Missouri.....	18	13	2,222	11,086	1,687	3,425	8,240	42,347	176,121	2,078	1,537	17,775	3,384
	Kansas.....	37	32	2,523	12,588	1,887	4,250	9,007	43,946	244,537	2,622	2,698	34,832	4,367
	South Atlantic....	232	30	2,517	8,900	1,750	3,570	5,204	24,649	88,592	1,550	2,709	18,744	2,859
	Maryland.....	12	2	282	1,566	202	415	937	9,102	22,424	(2)	307	7,297	483
	North Carolina..	81	11	798	2,512	573	1,174	1,577	5,466	24,950	(2)	836	3,303	688
	South Carolina..	16	4	170	630	115	254	327	989	4,551	(2)	(D)	(D)	162
	East South													
	Central.....	124	17	1,942	7,099	1,485	3,103	4,943	720,878	788,180	957	2,530	23,743	2,442
	Kentucky.....	34	8	926	3,552	700	1,444	2,423	710,915	739,993	(2)	787	9,143	989
	Alabama.....	22	...	126	278	100	192	206	907	3,164	(2)	399	5,017	(D)
	West South													
	Central.....	56	27	3,093	14,077	2,093	4,474	8,933	38,804	198,993	1,975	2,747	27,743	4,970
	Texas.....	34	16	2,206	9,650	1,461	3,064	5,992	26,651	129,126	974	1,783	16,738	3,033
	Mountain.....	43	20	1,622	7,592	1,096	2,523	5,187	25,327	120,820	929	1,734	19,433	2,109
	Montana.....	6	4	248	1,142	182	420	895	2,350	16,499	(2)	263	3,779	415
	Utah.....	13	4	547	2,800	353	783	1,770	13,284	45,621	(2)	481	8,432	491
	Pacific.....	47	21	2,933	16,565	1,986	4,177	10,268	46,797	215,477	1,359	2,742	33,418	3,301
	Washington.....	8	7	1,135	6,328	849	1,761	4,570	15,608	77,969	(2)	1,254	15,545	1,575
	Oregon.....	12	7	540	3,158	394	846	2,014	9,130	59,384	(2)	693	6,263	895
	California.....	27	7	1,258	7,079	743	1,570	3,684	22,059	78,124	547	795	11,609	831
2042	Prepared animal													
	feeds, total.....	2,379	715	57,313	252,346	38,010	81,406	151,819	798,892	3,238,414	54,863	59,890	584,135	55,152
	New England.....	48	25	1,695	7,763	1,266	2,673	5,278	28,003	137,632	885	1,710	24,201	1,870
	New Hampshire...	5	3	118	517	83	185	302	1,061	9,571	(2)	(D)	(D)	(D)
	Massachusetts...	20	9	431	2,005	320	699	1,383	7,964	32,826	(2)	583	7,186	822
	Middle Atlantic...	254	86	6,984	33,303	4,751	9,831	21,199	100,912	418,817	5,235	7,352	74,407	8,290
	New York.....	94	43	3,955	19,940	2,704	5,613	13,158	53,288	230,824	2,547	4,709	52,360	5,056
	New Jersey.....	29	12	623	2,978	414	832	1,794	9,091	41,856	(2)	538	6,533	932
	Pennsylvania....	131	31	2,406	10,385	1,633	3,386	6,247	38,533	146,137	2,564	2,104	15,513	2,302
	East North													
	Central.....	373	103	10,176	48,781	6,835	14,767	30,739	179,149	602,832	8,584	11,028	132,320	11,641
	Ohio.....	96	26	2,659	12,204	1,961	4,234	8,540	39,220	168,633	1,508	3,313	31,242	3,115
	Indiana.....	68	22	2,042	10,163	1,252	2,773	5,903	27,317	103,899	2,559	2,180	24,072	1,862
	Illinois.....	100	35	3,682	18,895	2,438	5,144	11,571	92,608	258,538	3,340	3,912	64,588	5,407
	Michigan.....	47	9	577	2,158	413	888	1,462	5,940	19,047	572	615	3,830	518
	Wisconsin.....	62	11	1,216	5,361	771	1,728	3,263	14,064	52,715	605	1,006	8,585	739
	West North													
	Central.....	516	130	11,647	52,508	7,076	15,859	29,561	151,313	562,590	12,018	12,548	122,062	10,061
	Minnesota.....	80	17	1,573	7,677	1,018	2,180	4,246	19,893	86,420	2,038	2,599	24,006	1,747
	Iowa.....	143	47	4,109	18,993	1,976	4,698	8,859	58,507	198,072	4,053	3,510	33,242	2,091
	Missouri.....	86	24	2,735	11,391	1,758	3,670	7,043	35,540	156,381	1,817	2,956	30,832	2,725
	Nebraska.....	112	23	1,862	8,596	1,345	3,264	5,492	21,680	68,529	2,589	2,107	23,250	1,441
	South Atlantic....	353	116	8,247	30,846	5,551	11,780	17,668	111,638	540,314	6,549	7,513	54,620	5,732
	Delaware.....	13	7	601	2,853	362	824	1,691	13,590	66,327	744	750	10,702	324
	Maryland.....	24	11	683	2,779	385	848	1,362	9,936	44,533	693	766	4,600	657
	Virginia.....	44	17	1,035	3,881	697	1,575	2,284	10,579	65,685	660	1,021	6,882	1,095
	North Carolina..	114	28	2,201	7,545	1,515	3,070	4,329	33,264	137,123	1,860	1,838	13,398	1,395
	South Carolina..	31	6	529	1,791	376	750	1,010	4,614	19,995	(2)	570	3,501	314
	Georgia.....	80	23	1,741	6,405	1,225	2,460	3,713	30,090	143,367	1,445	1,689	11,821	915
	Florida.....	41	21	1,330	5,142	913	2,097	3,005	8,870	58,246	937	761	3,576	791
	East South													
	Central.....	192	63	5,583	22,266	3,847	8,094	13,509	68,679	307,812	6,406	4,570	39,926	4,173
	Kentucky.....	31	10	571	1,982	425	1,001	1,331	5,430	29,917	(2)	859	4,934	584
	Tennessee.....	63	26	2,074	8,895	1,321	2,652	4,774	25,881	122,161	1,947	1,934	20,457	2,124
	Alabama.....	52	14	1,879	7,679	1,315	2,930	4,806	21,367	101,175	3,072	1,063	7,651	917
	Mississippi.....	46	13	1,059	3,710	786	1,511	2,598	16,001	54,559	982	713	6,883	548
	West South													
	Central.....	264	91	5,839	21,976	3,804	8,222	12,321	62,492	266,949	6,910	6,766	49,474	5,175
	Arkansas.....	37	11	715	2,496	437	852	1,217	10,141	45,248	599	858	5,320	594
	Louisiana.....	23	7	552	1,902	388	859	1,153	6,235	29,322	(2)	(D)	(D)	(D)
	Oklahoma.....	40	18	864	3,571	545	1,187	1,934	8,652	736,340	1,118	(D)	(D)	(D)
	Texas.....	164	55	3,708	14,007	2,434	5,324	8,017	37,464	156,039	4,903	4,183	31,589	3,225

See footnotes at end of table.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2042	Prepared animal feeds—Continued													
	Mountain.....	115	28	1,686	6,634	1,244	2,665	4,489	17,216	75,729	2,394	1 873	14,172	1 758
	Colorado.....	49	9	673	2,823	485	1,117	1,886	6,119	28,395	685	688	5,276	705
	New Mexico.....	15	3	198	657	143	249	361	1,730	7,005	(2)	249	1,863	117
	Pacific.....	264	73	5,456	28,269	3,636	7,515	17,055	79,490	325,739	5,882	6,525	72,949	6,452
	Washington.....	40	6	740	3,589	558	1,189	2,619	11,143	47,321	(2)	719	8,606	749
	Oregon.....	38	12	720	3,301	513	1,036	2,173	7,925	34,982	(2)	860	6,762	875
	California.....	186	55	3,996	21,379	2,565	5,290	12,263	60,422	243,436	5,073	4,945	57,579	4,828
2043	Cereal preparations, total.....	43	25	10,927	61,902	8,490	16,803	44,101	243,088	444,132	7,521	11,534	172,283	11,276
	Northeast.....	9	6	983	4,317	757	1,488	3,194	15,116	24,811	(2)	1,163	11,751	2,014
	East North Central.....	13	9	7,558	45,257	5,855	11,388	31,829	172,478	296,966	5,759	7,142	112,552	6,670
	Michigan.....	5	5	5,984	35,617	4,760	9,273	26,122	137,764	227,925	4,619	6,079	96,990	4,768
	West North Central.....	11	7	1,942	10,123	1,531	3,232	7,489	43,542	102,701	1,046	2,811	40,904	2,275
	West.....	10	3	444	2,205	347	695	1,589	11,952	19,654	(2)	416	7,075	215
2044	Rice milling, total.....	<sup>r</sup> 72	<sup>r</sup> 51	<sup>r</sup> 3,843	<sup>r</sup> 14,286	<sup>r</sup> 2,903	<sup>r</sup> 5,982	<sup>r</sup> 8,976	<sup>r</sup> 53,152	<sup>r</sup> 312,061	1,442	3,964	42,359	4,072
	South.....	64	43	3,320	11,425	2,473	5,156	6,858	41,498	245,841	1,289	3,458	33,100	3,628
	Louisiana.....	35	21	1,173	3,343	933	1,850	2,285	11,625	67,801	(2)	1,349	15,501	1,772
	Texas.....	15	14	1,347	5,523	915	1,934	2,916	20,749	99,764	(2)	1,304	8,554	1,078
	Pacific.....	<sup>r</sup> 8	<sup>r</sup> 8	<sup>r</sup> 523	<sup>r</sup> 2,861	<sup>r</sup> 430	<sup>r</sup> 826	<sup>r</sup> 2,118	<sup>r</sup> 11,654	<sup>r</sup> 66,220	(2)	505	9,259	444
	California.....	<sup>r</sup> 8	<sup>r</sup> 8	<sup>r</sup> 523	<sup>r</sup> 2,861	<sup>r</sup> 430	<sup>r</sup> 826	<sup>r</sup> 2,118	<sup>r</sup> 11,654	<sup>r</sup> 66,220	(2)	505	9,259	444
2045	Blended and prepared flour, total.....	117	30	4,894	28,353	3,556	7,467	17,664	118,073	279,364	8,606	5,585	103,134	3,120
	New England.....	6	2	104	470	80	168	287	1,087	2,991	(2)	152	1,860	(D)
	Middle Atlantic..	21	6	1,592	9,051	1,259	2,632	5,948	35,295	77,755	638	1,731	29,900	(D)
	New York.....	12	3	1,432	8,278	1,130	2,366	5,361	32,002	70,735	551	1,426	25,374	1,006
	East North Central.....	25	9	1,789	11,012	1,253	2,630	6,734	46,587	106,051	5,825	2,202	43,502	457
	Illinois.....	10	5	593	3,905	321	665	1,311	10,576	28,176	(2)	1,533	31,511	382
	West North Central.....	12	4	299	1,503	186	379	748	6,884	17,975	(2)	436	7,898	99
	South and West..	53	9	1,110	6,317	778	1,658	3,947	28,220	74,592	1,973	1,061	19,971	(D)
	California.....	20	6	800	5,083	576	1,254	3,291	24,079	61,868	1,774	(D)	(D)	(D)
2046	Wet corn milling, total.....	59	26	13,792	78 767	10,385	22,241	56,335	249,435	528,570	18,056	13,565	176,696	12 374
	Northeast.....	21	3	291	1,409	213	507	913	3,863	8,813	(2)	322	2,868	309
	East North Central.....	11	7	8,650	50,032	6,328	13,602	34,718	158,706	334,279	10,857	8,503	110,569	7,833
	West North Central.....	8	6	4,161	24,338	3,308	7,013	18,448	78,794	167,614	5,951	4,102	58,494	4,076
	South and West..	19	10	690	2,988	536	1,119	2,256	8,072	17,824	877	636	4,764	106

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees for the employment-size range for that State.

SIC 2041, Flour and Meal: Northeast—Massachusetts, 1 (1-19); Rhode Island, 2 (1-19); Connecticut, 1 (1-19); New Jersey, 1 (20-99); East North Central—Michigan, 24 (1,019); Wisconsin, 12 (250-499); West North Central—North Dakota, 3 (100-249); South Dakota, 2 (20-99); Nebraska, 12 (500-999); South Atlantic—Delaware, 4 (20-99); District of Columbia, 1 (100-249); Virginia, 48 (250-499); West Virginia, 4 (1-19); Georgia, 54 (250-499); Florida, 12 (100-249); East South Central—Tennessee, 61 (500-999); Mississippi, 7 (20-99); West South Central—Arkansas, 3 (20-99); Louisiana, 5 (20-99); Oklahoma, 14 (500-999); Mountain—Idaho, 8 (100-249); Wyoming, 3 (20-99); Colorado, 6 (250-499); New Mexico, 5 (20-99); Arizona, 2 (100-249).

SIC 2042, Prepared Animal Feeds: New England—Maine, 7 (100-249); Vermont, 8 (500-999); Rhode Island, 3 (20-99); Connecticut, 5 (100-249); West North Central—North Dakota, 7 (20-99); South Dakota, 14 (100-249); Kansas, 74 (1,000-2,499); South Atlantic—District of Columbia, 1 (1-19); West Virginia, 5 (100-249); Mountain—Montana, 6 (100-249); Wyoming, 2 (20-99); Arizona, 14 (250-499); Utah, 20 (250-499); Idaho, 9 (100-249).

SIC 2043, Cereal Preparations: Northeast—Vermont, 1 (20-99); Massachusetts, 1 (1-19); New York, 3 (500-999); New Jersey, 1 (20-99); Pennsylvania, 3 (20-99); East North Central—Ohio, 2 (250-499); Indiana, 2 (250-499); Illinois, 4 (500-999); West North Central—Minnesota, 3 (100-249); Iowa, 2 (1,000-2,499); Missouri, 1 (1-19); Nebraska, 2 (250-499); Kansas, 3 (1-19); West—Montana, 1 (1-19); New Mexico, 1 (1-19); Washington, 2 (20-99); Oregon, 1 (1-19); California, 6 (250-499).

SIC 2044, Rice Milling: South—Tennessee, 1 (100-249); Mississippi, 1 (1-19); Arkansas, 12 (500-999).

SIC 2045, Blended and Prepared Flour: New England—Massachusetts, 4 (20-99); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 6 (100-249); Pennsylvania, 3 (1-19); East North Central—Ohio, 7 (1,107); Wisconsin, 1 (20-99); West North Central—Minnesota, 2 (1-19); Iowa, 1 (1-19); Missouri, 5 (100-249); South Dakota, 1 (1-19); Nebraska, 3 (100-249); South and West—Maryland, 4 (1-19); Virginia, 1 (1-19); West Virginia, 2 (20-99); North Carolina, 2 (1-19); Georgia, 1 (1-19); Florida, 2 (1-19); Tennessee, 4 (20-99); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 6 (20-99); Colorado, 1 (1-19); Arizona, 1 (1-19); Washington, 3 (20-99); Oregon, 2 (20-99).

SIC 2046, Wet Corn Milling: New England—Maine, 14 (100-249); Massachusetts, 1 (1-19); Rhode Island, 1 (20-99); Middle Atlantic—New York, 1 (1-19); New Jersey, 1 (1-19); Pennsylvania, 3 (100-249); East North Central—Ohio, 5 (100-249); Indiana, 2 (1,000-2,499); Illinois, 4 (7,110); West North Central—Iowa, 3 (2,796); Missouri, 4 (1,355); North Dakota, 1 (1-19); South and West—North Carolina, 1 (20-99); Florida, 1 (1-19); Louisiana, 1 (1-19); Texas, 3 (250-499); Idaho, 7 (100-249); Colorado, 2 (1-19); Utah, 1 (1-19); California, 3 (20-99).

<sup>2</sup>Less than \$500 thousand.



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	All establishments					
	Flour and meal (SIC 2041)	Prepared animal feeds (SIC 2042)	Cereal preparations (SIC 2043)	Rice milling (SIC 2044)	Blended and prepared flour (SIC 2045)	Wet corn milling (SIC 2046)
Primary product specialization ratio <sup>1</sup> .....	93	97	80	100	68	91
Coverage ratio <sup>2</sup> .....	85	91	82	100	38	96
Number of establishments, total.....	814	2,379	43	72	117	59
With 1-19 employees.....	564	1,664	18	20	87	33
With 20-99 employees.....	171	601	11	43	18	12
With 100 employees or more.....	79	114	14	9	12	14
Proprietors and working partners.....Number..	621	1,394	10	23	45	22
All employees:						
Number (average for the year).....	28,215	57,313	10,927	3,843	4,894	13,792
Payroll.....\$1,000..	140,121	252,346	61,902	14,286	28,353	78,767
Production workers:						
Number (average for the year).....	20,519	38,010	8,490	2,903	3,556	10,385
March.....	20,335	36,456	8,626	2,808	3,445	10,288
May.....	19,990	38,380	8,291	2,733	3,297	10,193
August.....	21,251	39,481	8,622	3,090	3,767	10,406
November.....	20,528	37,723	8,425	2,981	3,716	10,621
Man-hours.....1,000..	44,111	81,406	16,803	5,982	7,467	22,241
January-March.....do....	10,922	19,416	4,276	1,304	1,815	5,503
April-June.....do....	10,505	20,628	4,195	1,376	1,719	5,422
July-September.....do....	11,424	21,182	4,210	1,702	2,015	5,562
October-December.....do....	11,260	20,180	4,111	1,600	1,918	5,747
Wages.....\$1,000..	96,165	151,819	44,101	8,976	17,664	56,335
Cost of materials, etc., total.....do....	1,693,756	2,444,799	202,045	262,304	164,196	282,040
Materials, parts, containers, and supplies consumed.....do....	1,576,288	2,166,992	190,037	231,022	151,181	262,653
Cost of resales.....do....	104,155	249,914	8,196	30,020	11,668	5,353
Fuels consumed.....do....	2,363	8,071	2,099	221	557	11,808
Electricity purchased.....do....	10,656	14,580	1,692	887	761	1,621
Contract work.....do....	302	5,242	21	154	29	605
Value of shipments (including resales), total.....do....	2,086,706	3,238,414	444,132	312,061	279,364	528,530
Value of resales.....do....	118,548	296,406	11,158	29,719	16,644	6,560
Value added by manufacture, adjusted.....do....	393,053	798,892	243,088	53,152	118,073	249,435
Manufacturers' inventories:						
Beginning of year, total.....do....	229,116	185,050	37,350	61,410	21,897	50,872
Finished products.....do....	40,340	65,867	12,367	16,985	7,730	23,063
Work-in-process.....do....	3,862	13,751	1,398	4,802	529	3,369
Materials, supplies, fuel, etc.....do....	184,914	105,432	23,585	39,623	13,638	24,440
End of year, total.....do....	210,491	192,018	36,587	67,450	25,132	54,016
Finished products.....do....	39,673	71,188	13,154	19,692	10,437	26,281
Work-in-process.....do....	4,632	13,707	1,613	5,491	727	3,096
Materials, supplies, fuel, etc.....do....	166,186	107,123	21,820	42,267	13,968	24,639
Expenditures for plant and equipment, total.....do....	22,521	61,229	7,632	1,689	8,636	18,140
New, total.....do....	22,109	54,863	7,521	1,442	8,606	18,056
New structures and additions to plant.....do....	7,849	18,831	2,215	491	1,186	3,416
New machinery and equipment.....do....	14,260	36,032	5,306	951	7,420	14,640
Used plant and equipment.....do....	( <sup>3</sup> )	6,366	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>Revised.

<sup>2</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>3</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>4</sup>Less than \$500 thousand.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2041	Flour and meal:											
	Number of establishments.....	814	338	136	90	101	70	63	12	3	1	...
	All employees:											
	Number.....	28,215	720	906	1,222	3,330	5,052	9,949	4,082	<u>2,954</u>	(D)	...
	Payroll.....\$1,000..	140,121	1,814	2,850	4,564	14,788	25,387	53,072	21,475	<u>16,171</u>	(D)	...
	Value added, adjusted..do....	<u>393,053</u>	5,175	<u>6,376</u>	9,558	41,831	73,261	156,184	67,640	<u>33,028</u>	(D)	...
	Value of shipments.....do....	<u>2,086,706</u>	19,609	<u>26,413</u>	48,809	238,407	436,547	830,852	301,169	<u>184,900</u>	(D)	...
	Capital expend., new...do....	22,109	1,022	831	1,084	2,677	4,365	7,045	2,799	<u>2,286</u>	(D)	...
2042	Prepared animal feeds:											
	Number of establishments.....	2,379	663	480	521	436	165	95	17	2	...	...
	All employees:											
	Number.....	57,313	1,588	3,251	7,094	13,497	11,593	14,001	<u>6,289</u>	(D)	...	...
	Payroll.....\$1,000..	252,346	5,242	11,385	28,568	56,669	51,814	69,147	<u>29,521</u>	(D)	...	...
	Value added, adjusted..do....	798,892	20,907	33,005	72,305	155,036	161,794	255,361	<u>100,484</u>	(D)	...	...
	Value of shipments.....do....	3,238,414	80,858	127,140	310,299	659,653	691,955	1,022,247	<u>346,262</u>	(D)	...	...
	Capital expend., new...do....	54,863	2,578	4,957	7,337	14,738	8,923	10,652	<u>5,678</u>	(D)	...	...
2043	Cereal preparations:											
	Number of establishments.....	43	10	6	2	8	3	4	5	2	2	1
	All employees:											
	Number.....	10,927	25	79	(D)	278	191	587	1,640	<u>8,127</u>	(D)	(D)
	Payroll.....\$1,000..	61,902	53	<u>360</u>	(D)	1,633	784	3,217	9,875	<u>42,980</u>	(D)	(D)
	Value added, adjusted..do....	243,088	183	<u>861</u>	(D)	6,976	4,227	15,727	27,806	<u>187,308</u>	(D)	(D)
	Value of shipments.....do....	444,132	328	<u>2,182</u>	(D)	13,002	7,293	28,009	56,873	<u>336,445</u>	(D)	(D)
	Capital expend., new...do....	7,521	(1)	(D)	(D)	(1)	(1)	664	550	<u>5,687</u>	(D)	(D)
2044	Rice milling:											
	Number of establishments.....	<u>72</u>	7	3	11	23	<u>19</u>	9	...	...	...	...
	All employees:											
	Number.....	<u>3,843</u>	30	24	199	798	<u>1,253</u>	1,539	...	...	...	...
	Payroll.....\$1,000..	<u>14,286</u>	66	80	623	2,770	<u>3,972</u>	6,775	...	...	...	...
	Value added, adjusted..do....	<u>53,152</u>	71	569	2,218	7,316	<u>18,146</u>	24,832	...	...	...	...
	Value of shipments.....do....	<u>312,061</u>	741	1,246	8,048	56,694	<u>104,496</u>	140,836	...	...	...	...
	Capital expend., new...do....	1,442	(1)	(1)	(1)	(1)	(1)	591	...	...	...	...
2045	Blended and prepared flour:											
	Number of establishments.....	117	47	23	17	12	6	6	4	2	...	...
	All employees:											
	Number.....	4,894	98	150	246	417	419	884	<u>2,680</u>	(D)	...	...
	Payroll.....\$1,000..	28,353	364	695	1,192	2,220	2,451	6,126	<u>15,305</u>	(D)	...	...
	Value added, adjusted..do....	118,073	979	1,414	3,199	7,130	7,759	16,238	<u>81,354</u>	(D)	...	...
	Value of shipments.....do....	279,364	3,474	3,789	10,292	18,094	21,051	45,098	<u>177,566</u>	(D)	...	...
	Capital expend., new...do....	<u>8,606</u>	(1)	(1)	(1)	(1)	(1)	3,156	<u>4,756</u>	(D)	...	...
2046	Wet corn milling:											
	Number of establishments.....	59	12	10	11	11	1	2	3	3	5	1
	All employees:											
	Number.....	13,792	33	75	158	273	<u>287</u>	(D)	1,031	2,084	<u>9,851</u>	(D)
	Payroll.....\$1,000..	78,767	124	323	660	1,266	<u>1,434</u>	(D)	6,203	12,475	<u>56,282</u>	(D)
	Value added, adjusted..do....	249,435	203	1,086	2,628	3,346	<u>3,434</u>	(D)	25,729	36,213	<u>176,796</u>	(D)
	Value of shipments.....do....	528,530	742	2,679	5,725	5,916	<u>12,194</u>	(D)	52,703	75,866	<u>372,705</u>	(D)
	Capital expend., new...do....	18,056	(1)	(1)	607	(1)	(D)	(D)	1,436	4,159	<u>11,480</u>	(D)

D Withheld to avoid disclosing figures for individual companies.

<sup>r</sup> Revised.

<sup>1</sup> Less than \$500 thousand.



Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2041, 2045	Flour and meal, and blended and prepared flour <sup>3</sup> .....1958... 1954...	2,366,070 2,269,402	2,002,389 1,913,459	218,560 192,879	145,121 165,064	85 84	2,135,991 2,056,224	2,002,389 1,913,459	133,602 142,765	94 93
2041	Flour and meal.....1958... 1954...	2,086,706 2,002,227	1,822,803 1,733,739	135,823 118,662	128,080 149,826	93 94	2,135,991 2,056,224	1,822,803 1,733,739	313,188 322,485	85 84
2045	Blended and prepared flour..1958... 1954...	279,364 267,175	179,586 179,720	82,737 74,217	17,041 13,238	68 71	467,331 402,643	179,586 179,720	287,745 222,923	38 45
2042	Prepared animal feeds.....1958... 1954...	3,238,414 2,981,435	2,811,587 2,545,521	98,178 125,098	328,649 310,816	97 95	3,076,409 2,843,114	2,811,587 2,545,521	264,822 297,593	91 90
2043	Cereal preparations.....1958... 1954...	444,132 365,728	352,220 264,751	80,190 80,365	11,722 20,612	80 77	431,788 330,970	352,220 264,751	79,568 66,219	82 80
2044	Rice milling.....1958... 1954...	2312,061 273,770	2281,273 264,750	426 207	230,362 8,813	100 99	2281,273 264,750	2281,273 264,750	... ...	100 100
2046	Wet corn milling.....1958... 1954...	528,530 463,548	473,275 418,972	48,449 39,100	6,806 5,476	91 91	493,923 435,966	473,275 418,972	20,648 16,994	96 96

<sup>1</sup>Revised.

<sup>2</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first 4-digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>4</sup>Because of the similarity of the products of Industry 2045 to those of Industry 2041, it is desirable for some purposes to combine the statistics for the two industries (see text).

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Flour and meal (SIC 2041)	Prepared animal feeds (SIC 2042)	Cereal preparations (SIC 2043)	Rice milling (SIC 2044)	Blended and prepared flour (SIC 2045)	Wet corn milling (SIC 2046)	Meat packing plants (SIC 2011)	Canned fruits and vegetables (SIC 2033)	Soybean oil mills (SIC 2092)	Other industries	All industries
	Total industry shipments.....	2,086,706	3,238,414	444,132	2312,061	279,364	528,530	xxx	xxx	xxx	xxx	xxx
	Grain mill products.....	1,949,240	2,877,642	420,334	2281,273	226,587	475,031	24,423	4,132	91,971	70,455	6,430,026
20411	Wheat flour, except blended or prepared.....	1,269,923	15,136	(D)	...	(D)	...	...	...	...	1,280	1,289,689
20412	Wheat bran, shorts, and middlings.....	163,603	4,029	(D)	...	...	...	...	...	...	(D)	167,870
20413	Dry corn milling products.....	46,926	15,295	5,713	...	(D)	...	...	...	(D)	(D)	68,829
20415	} Prepared flour and flour mixes..	229,039	15,888	29,960	...	179,586	...	...	(D)	...	(D)	467,331
20455												
20416	Grain mill products, nec.....	89,143	9,506	9,091	(D)	(D)	...	...	...	(D)	(D)	118,783
20410	Flour and other grain mill products, not specified by kind.....	24,123	(D)	...	...	...	...	...	...	...	(D)	25,324
20421	Poultry feeds.....	51,120	1,372,791	(D)	(D)	(D)	(D)	(D)	...	39,503	5,792	1,474,281
20422	Livestock feeds.....	36,815	866,708	(D)	(D)	(D)	(D)	3,811	(D)	36,783	7,606	958,888
20423	Dog and cat food.....	5,188	265,838	(D)	...	(D)	(D)	16,553	(D)	(D)	5,945	305,360
20424	Other prepared animal feeds....	7,857	208,649	3,688	...	...	...	1,027	1,302	...	13,198	235,721
20420	Prepared animal feeds, not specified by kind.....	(D)	97,601	910	(D)	...	...	(D)	...	...	(D)	102,159
20430	Cereal breakfast foods.....	17,251	(D)	352,220	...	(D)	...	...	1,180	...	12,812	431,788
20440	Milled rice and byproducts.....	...	...	(D)	281,142	...	...	...	...	...	...	290,080
20460	Wet corn milling products.....	5,461	(D)	(D)	...	(D)	473,275	...	...	(D)	11,808	493,923
	Other products.....	11,221	32,123	12,076	(D)	35,736	46,693	xxx	xxx	xxx	xxx	xxx
20150	Dressed poultry.....	...	5,730	...	...	...	...	xxx	xxx	xxx	xxx	xxx
20993	Sweetening sirups and molasses..	...	(D)	...	...	...	26,077	xxx	xxx	xxx	xxx	xxx
28712	Mixed fertilizers, complete and incomplete.....	...	2,150	...	...	...	...	xxx	xxx	xxx	xxx	xxx
28722	} Soybean oil mill products.....	(D)	1,667	...	...	(D)	...	xxx	xxx	xxx	xxx	xxx
20921												
20922	Other products.....	(D)	(D)	12,076	(D)	(D)	20,616	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	128,080	328,649	11,722	30,362	17,041	6,806	xxx	xxx	xxx	xxx	xxx
	Grinding or mixing of materials owned by others.....	4,453	12,911	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx	xxx
	Shell egg sales.....	...	4,879	...	...	...	...	xxx	xxx	xxx	xxx	xxx
	Resales of grain and products manufactured by others.....	118,548	296,406	11,158	29,719	16,644	6,560	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts....	5,079	14,453	(D)	(D)	(D)	(D)	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

R Revised.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including inter-plant transfers		Total production (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2041--- and 2045---	Flour and meal and flour mixes, total.....		xxx	xxx	2,135,991	xxx	xxx	2,056,224
	Flour and meal, total.....		xxx	xxx	1,670,495	xxx	xxx	1,653,581
20411--	Wheat flour, except blended or prepared....	1,000 sacks (cwt.)	249,629	228,750	1,289,689	221,405	212,564	1,270,709
	White:							
2041101	Enriched, total.....	..do.....	81,835	xxx	xxx	60,982	xxx	xxx
2041112	Shipped in bulk, including containers over 100 lbs.....	..do.....	xxx	10,600	58,199	xxx	56,422	359,080
2041113	Shipped in bags or containers, 96-100 lbs.....	..do.....	xxx	34,360	185,390			
2041117	Shipped in bags or containers, less than 96 lbs.....	..do.....	xxx	26,820	188,557			
2041120	Plain, total.....	..do.....	154,589	xxx	xxx	144,731	xxx	xxx
2041122	Shipped in bulk, including containers over 100 lbs.....	..do.....	xxx	47,546	255,506	xxx	140,493	809,831
2041123	Shipped in bags or containers, 96-100 lbs.....	..do.....	xxx	91,080	497,089			
2041127	Shipped in bags or containers, less than 96 lbs.....	..do.....	xxx	4,156	24,672			
2041131	Whole wheat.....	..do.....	2,967	2,958	16,083	3,474	23,463	19,597
2041151	Durum flour and semolina.....	..do.....	8,359	8,286	47,049	7,528	7,560	53,236
2041198	Other wheat flour, including farina.....	..do.....	1,879	1,853	9,251	4,687	4,625	28,965
2041100	Wheat flour, except blended or prepared, not specified by kind.....	..do.....	xxx	1,046	7,893	...	...	...
2041211	Wheat bran, shorts, and middlings.....	1,000 tons.....	4,678	4,518	167,870	4,440	4,124	195,065
20413--	Dry corn milling products.....		xxx	xxx	68,829	xxx	xxx	64,194
	Cornmeal for human consumption:							
2041311	Whole cornmeal.....	1,000 sacks (cwt.)	xxx	4,900	22,344	xxx	16,783	132,434
2041315	Degermed cornmeal.....	..do.....	xxx	6,822	31,235	xxx	5,557	31,760
2041351	Cornmeal for animal feed.....	..do.....	xxx	2,314	7,913	xxx	( <sup>1</sup> )	( <sup>1</sup> )
2041300	Dry corn milling products, not specified by kind.....		xxx	xxx	7,337	...	...	...
20416--	Other grain mill products.....	1,000 sacks (cwt.)	xxx	xxx	118,783	xxx	xxx	123,613
2041611	Rye flour.....	..do.....	2,035	2,078	8,465	2,262	2,148	8,346
2041613	Corn grits and hominy for human consumption.....	..do.....	xxx	3,446	19,714	xxx	4,111	22,296
2041614	Corn grits and flakes for brewers' use....	..do.....	xxx	8,112	30,147	xxx	7,079	31,068
2041615	Hominy feed and other byproducts of dry corn milling (for animal feed).....	1,000 tons.....	xxx	756	32,536	xxx	634	33,972
2041617	Oat millfeed and other byproducts of oats	..do.....	xxx	178	4,172	xxx	316	9,726
2041619	Other grain mill products (rye, offal, corn flour, buckwheat flour, etc.).....		xxx	xxx	23,749	xxx	xxx	18,205
2041000	Flour and meal, not specified by kind.....		xxx	xxx	25,324	...	...	...
20415-- and 20455--	Prepared flour and flour mixes (total, all industries).....	1,000 sacks (cwt.)	xxx	38,768	2465,496	xxx	xxx	402,643
20415--	Made chiefly from flour milled in the same establishment.....		xxx	xxx	243,686	xxx	xxx	194,050
20455--	Made chiefly from purchased flour <sup>2</sup> .....		xxx	xxx	221,810	xxx	xxx	208,593
2045511	Phosphated flour.....	1,000 sacks (cwt.)	xxx	7,889	49,800	xxx	5,240	34,151
2045531	Self-rising flour.....	..do.....	xxx	11,692	75,275	xxx	10,306	70,489
2045541	Pancake and waffle mixes.....	..do.....	xxx	3,083	41,596	xxx	2,895	34,030
2045543	Cake mixes.....	..do.....	xxx	6,755	160,822	xxx	5,675	137,389
2045545	Biscuit mixes.....	..do.....	xxx	1,709	26,303	xxx	1,576	23,885
2045547	Pie crust mixes.....	..do.....	xxx	691	14,438	xxx	839	18,054
2045549	Other prepared flour mixes.....	..do.....	xxx	6,732	94,712	xxx	5,782	84,645
2045500	Blended and prepared flour, not specified by kind.....	..do.....	xxx	214	2,485	xxx	...	...

See footnotes at end of table.

**Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2042---	Prepared animal feeds, made in manufacturing plants, total <sup>3</sup> .....	.....	xxx	3,076,409	xxx	2,843,114
20421--	Poultry feeds.....	1,000 tons	16,720	1,474,281	15,395	1,428,707
2042101	Complete poultry feeds.....	...do....	13,896	1,202,879	13,438	1,221,023
2042112	Scratch feeds.....	...do....	753	xxx	1,054	83,539
	Chicken mash and pellets:					
2042122	Layer and breeder.....	...do....	4,820	xxx	4,885	432,172
2042124	Starter.....	...do....	973	xxx	1,137	108,114
2042126	Grower.....	...do....	1,197	xxx	1,341	121,310
2042128	Broiler.....	...do....	4,804	xxx	3,314	321,257
2042132	Turkey mash and pellets.....	...do....	1,205	xxx	934	90,556
2042142	Other complete poultry feeds.....	...do....	144	xxx	773	64,075
2042150	Poultry supplements and concentrates.....	...do....	2,499	241,342	1,557	170,452
2042152	Chicken.....	...do....	2,125	xxx	1,163	129,542
2042156	Turkey.....	...do....	374	xxx	394	40,910
2042100	Poultry feeds, not specified by kind.....	...do....	325	30,060	400	37,232
20422--	Livestock feeds.....	...do....	11,740	958,888	10,090	865,605
2042210	Complete livestock feeds.....	...do....	7,907	593,548	(NA)	(NA)
2042213	Dairy cattle.....	...do....	4,185	xxx	3,830	302,059
2042223	Beef and range cattle.....	...do....	1,688	xxx	1,504	116,360
2042233	Pig and hog.....	...do....	1,498	xxx	915	85,663
2042243	Horse and mule.....	...do....	323	xxx	340	25,127
2042249	Other complete livestock feeds <sup>4</sup> .....	...do....	213	xxx	( <sup>5</sup> )	( <sup>5</sup> )
2042250	Livestock feed supplements and concentrates.....	...do....	3,551	339,549	3,038	296,665
2042251	Dairy cattle.....	...do....	994	xxx	837	77,400
2042255	Pig and hog.....	...do....	1,919	xxx	1,377	153,417
2042259	Other livestock supplements and concentrates <sup>4</sup> .....	...do....	638	xxx	584	565,848
2042200	Livestock feeds, not specified by kind.....	...do....	282	25,791	465	39,730
20423--	Dog and cat food.....	1,000 lbs.	3,273,767	305,360	xxx	241,505
	Canned:					
2042312	100% horsemeat type.....	...do....	67,995	9,243	} 1,459,847	135,424
2042315	Other canned dog and cat food.....	...do....	1,614,749	168,520		
2042351	Biscuit, pellets, and meal.....	...do....	1,559,825	124,687	947,678	95,504
2042300	Dog and cat food, not specified by kind.....	...do....	36,198	2,910	xxx	10,577
20424--	Feed materials.....	.....	xxx	235,721	xxx	252,640
2042411	Grain ground, rolled, pulverized, chopped or crimped.....	1,000 tons	1,184	75,102	1,307	88,926
2042422	Mineral mixtures, including oyster shells prepared for feed use.....	...do....	306	25,575	212	17,753
	Alfalfa meal:					
2042431	Sun cured.....	...do....	134	4,720	173	6,474
2042435	Dehydrated.....	...do....	1,066	43,624	1,108	50,713
2042400	Other feed materials and special feeds, nec, or not specified by kind <sup>6</sup> .....	.....	xxx	86,700	xxx	88,774
2042000	Prepared animal feeds, not specified by kind.....	.....	xxx	102,159	xxx	54,657
2043---	Cereal breakfast foods, total.....	.....	xxx	431,788	xxx	330,970
	Ready-to-serve:					
2043011	Corn flakes and other corn breakfast foods.....	1,000 lbs.	309,300	82,709	274,535	67,726
2043012	Wheat flakes and other wheat breakfast foods.....	...do....	344,063	100,351	331,599	80,825
2043019	Preparations of other grains and mixed grains.....	...do....	390,206	158,078	320,025	97,465
	To be cooked before serving:					
2043052	Farina and other wheat foods.....	...do....	128,144	22,791	140,828	21,762
2043053	Rolled oats and oatmeal.....	...do....	484,271	57,007	449,785	46,726
2043059	Preparations of other grains and mixed grains.....	.....			61,769	5,685
2043000	Cereal breakfast foods, not specified by kind.....	.....	} xxx 710,852 {		xxx	710,781
2044---	Rice mill products, total.....	.....	xxx	7281,273	xxx	264,750
	Head rice:					
2044011	Packed in 100 pound bags and over.....	1,000 lbs.	71,846,974	7172,905	1,773,793	163,752
2044015	Packed in 3 pound containers or less.....	...do....	380,086	51,135	378,975	45,748
2044017	Packed in all other containers.....	...do....	7143,968	714,213	114,548	10,973

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2044---	Rice mill products--Continued					
2044021	Second heads.....	1,000 lbs.	<sup>r</sup> 256,588	<sup>r</sup> 15,081	255,653	14,283
2044031	Screenings.....	...do....	124,618	6,162	129,971	6,543
2044041	Brewers' rice.....	...do....	<sup>r</sup> 222,522	<sup>r</sup> 11,484	179,227	11,091
2044051	Bran.....	...do....	<sup>r</sup> 419,547	<sup>r</sup> 7,080	329,220	5,958
2044098	All other rice mill products.....	...do....	xxx	3,213	xxx	6,402
2046---	Corn products, total.....		xxx	493,923	xxx	435,966
	Corn sirup, unmixed:					
2046011	In containers of over 10 pounds.....	1,000 lbs.	1,725,922	87,926	1,370,360	75,670
2046015	In containers of 10 pounds or less.....	...do....	...	...	...	...
	Corn sugar:					
2046016	Crude (70°, 80°).....	1,000 lbs.	867,621	56,815	739,126	49,914
2046017	Refined (hydrous and anhydrous).....	...do....				
	Corn starch (including milo):					
2046031	In packages larger than 5 pounds.....	...do....	1,972,414	134,667	1,876,908	121,886
2046033	In packages of 5 pounds or less.....	...do....	159,466	28,118	166,212	22,962
2046018	Corn sirup solids (dried corn sirup).....	...do....	106,188	8,384	87,144	6,894
	Starch, other than corn starch:					
2046041	Potato, Irish.....	...do....	126,254	7,608	85,351	5,763
2046043	Other.....	...do....	140,778	10,810	98,313	8,478
	Starch from purchased stock:					
2046045	In packages larger than 5 pounds.....	...do....	43,231	3,617	144,990	14,644
2046047	In packages of 5 pounds or less.....	...do....	66,690	7,729		
2046051	Dextrin (corn, tapioca, and other).....	...do....	172,806	13,770	157,995	12,568
	Corn oil:					
2046061	Crude.....	...do....	(8)	66,013	(8)	55,170
2046065	Refined.....	...do....				
	Wet process corn byproducts:					
2046071	Steepwater concentrate (reported on 50% solids basis).....	1,000 lbs.	80,194	2,233	77,863	2,447
2046073	Hydrol (reported on 26% moisture basis).....	...do....	(9)	(9)	(9)	(9)
2046075	Corn gluten feed.....	1,000 lbs.	1,298,433	26,364	1,341,527	34,235
2046077	Corn gluten meal.....	...do....	812,066	29,247	494,647	19,627
2046078	Corn oil, cake, and meal.....	...do....	39,998	971	92,377	2,542
2046000	Other wet process corn byproducts and corn products, not specified by kind..	...do....	xxx	9,651	xxx	3,166

NA Not available. <sup>r</sup> Revised.<sup>1</sup> In 1954, code 2041351 was included with 2041311.<sup>2</sup> Includes flour transferred from other establishments of the same company.<sup>3</sup> Does not include feeds mixed in such nonmanufacturing establishments as grain elevators, custom or grist mills, and farm supply stores.<sup>4</sup> Includes rabbit and other small animal feeds (except dog and cat food).<sup>5</sup> In 1954, product code 2042259, "Other livestock supplements and concentrates," was included with product code 2042249, "Other complete livestock feeds."<sup>6</sup> Includes miscellaneous feed materials not shown elsewhere, such as dried citrus pulp, condensed beet solubles; also feed for birds, fish, and other pets (except dog and cat food).<sup>7</sup> Includes cereal coffee substitutes.<sup>8</sup> Total includes a large amount of duplication because of interplant shipments of crude oil.<sup>9</sup> Included with product code 2046000.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1. Quantity information for 1958 is provided for selected product classes; comparable quantity information for 1954 is not available.)

Product class, region, and State <sup>1</sup>	Value of shipments (\$1,000)		Product class, region, and State <sup>1</sup>	Value of shipments (\$1,000)		
Wheat flour, except blended and prepared (20411):			Wheat bran and middlings (20412)--Continued	1958	1954	
United States, total:			East South Central.....	7,698	9,026	
1958.....	1,289,689		Tennessee.....	4,835	5,082	
1957.....	1,310,124		West South Central.....	15,219	16,752	
1956.....	1,283,842		Oklahoma.....	5,396	7,027	
1955.....	1,301,382		Texas.....	9,772	9,725	
1954.....	1,270,709		Mountain.....	7,771	11,492	
1953.....	1,383,724		Utah.....	2,884	3,866	
1952.....	1,371,382		Pacific.....	15,258	15,176	
1951.....	1,376,193		Washington.....	5,160	5,956	
1950.....	1,273,741		Oregon.....	5,448	4,734	
1947.....	1,598,178		California.....	4,650	4,485	
	1958	1954		Value of shipments (\$1,000)		
Middle Atlantic.....	195,076	195,701	Corn meal (for human and animal use) (20413):			
New York.....	181,766	183,142	United States, total:			
East North Central.....	183,658	184,412	1958.....	68,829		
Ohio.....	52,365	43,769	1957.....	64,252		
Illinois.....	71,056	82,386	1956.....	62,243		
Michigan.....	31,668	29,028	1955.....	66,429		
West North Central.....	520,189	519,166	1954.....	64,194		
Minnesota.....	149,804	171,127	1953.....	62,243		
Missouri.....	119,758	108,507	1947.....	65,694		
Nebraska.....	38,500	35,408		1958	1954	
Kansas.....	172,232	165,943	East North Central.....	11,644	9,392	
South Atlantic.....	18,770	17,687	Ohio.....	1,611	2,652	
Maryland.....	2,202	2,360	Indiana.....	2,553	3,525	
Virginia.....	5,656	6,553	Illinois.....	3,782	2,000	
North Carolina.....	5,839	4,929	West North Central.....	12,329	12,741	
Georgia.....	1,962	2,069	South Atlantic.....	14,043	11,815	
East South Central.....	34,513	30,677	Virginia.....	1,814	1,934	
Tennessee.....	18,069	17,045	North Carolina.....	3,967	3,623	
West South Central.....	121,303	108,419	Georgia.....	4,372	2,264	
Oklahoma.....	44,827	40,651	East South Central.....	15,789	16,280	
Texas.....	76,476	67,768	Tennessee.....	6,365	6,586	
Mountain.....	74,563	80,890	Alabama.....	5,247	5,632	
Utah.....	30,268	27,313	West South Central.....	10,251	9,524	
Pacific.....	141,594	133,757	Texas.....	6,323	7,028	
Washington.....	55,959	60,409	Pacific.....	2,140	2,313	
Oregon.....	44,154	37,649		Value of shipments (\$1,000)		
California.....	41,481	35,699	Poultry feeds (complete feeds and supplements) (20421):			
	Value of shipments (\$1,000)		United States, total:			
Wheat bran and middlings (20412):			1958.....	1,474,281		
United States, total:			1957.....	1,314,475		
1958.....	167,870		1956.....	1,345,335		
1957.....	158,048		1955.....	1,255,124		
1956.....	176,611		1954.....	1,428,707		
1955.....	181,640			1958		
1954.....	195,065		Quantity (1,000 tons)	Value (\$1,000)	1954 value (\$1,000)	
1953.....	245,443		United States, total.....	16,720	1,474,281	1,428,707
1952.....	292,892		New England.....	1,121	86,460	84,623
1951.....	281,181		New Hampshire.....	93	6,648	5,439
1950.....	238,955		Vermont.....	683	52,756	54,542
1947.....	320,580		Massachusetts.....	225	19,615	21,249
	1958	1954	Middle Atlantic.....	1,915	165,538	212,938
Middle Atlantic.....	24,730	30,570	New York.....	1,001	85,214	143,924
New York.....	22,491	27,899	New Jersey.....	356	29,196	15,245
East North Central.....	29,821	32,297	Pennsylvania.....	558	51,128	53,769
Ohio.....	8,858	8,769	East North Central.....	2,308	207,256	262,939
Illinois.....	10,462	14,419	Ohio.....	962	81,702	113,239
Michigan.....	5,515	3,643	Indiana.....	482	43,567	50,082
West North Central.....	61,878	73,644	Illinois.....	711	67,725	84,610
Minnesota.....	15,791	24,484	Michigan.....	37	3,120	3,020
Nebraska.....	4,188	5,153	Wisconsin.....	116	11,142	12,088
Kansas.....	23,727	23,185				
South Atlantic.....	5,495	6,104				
Maryland.....	1,046	1,400				
North Carolina.....	1,775	2,254				



for 1958 and 1954, and United States Totals for Selected Years—Continued

See footnotes at end of table.

See footnotes at end of table.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State <sup>1</sup>	Value of shipments (\$1,000)		Product class, region, and State <sup>1</sup>	Value of shipments (\$1,000)	
	1958	1954		1958	1954
	Quantity (1,000 tons)	Value (\$1,000)		Quantity (1,000 sacks cwt.)	Value (\$1,000)
Dog and cat food (20423)--Continued			Cereals, breakfast foods (20430)--Continued		
Mountain.....	26,672	1,832	United States, total--Continued		
Pacific.....	476,731	45,491	1955.....		352,182
Washington.....	51,305	4,717	1954.....		330,970
Oregon.....	83,351	5,663	1953.....		327,341
California.....	342,075	35,111	1952.....		319,982
			1951.....		301,984
			1950.....		254,383
			1947.....		221,758
Other prepared animal feeds (20424):					
United States, total:			Middle Atlantic.....	43,577	35,400
1958.....		235,721	New York.....	36,715	31,867
1957.....		288,185	East North Central.....	264,181	197,607
1956.....		277,673	Michigan.....	215,933	157,566
1955.....		272,066	West North Central.....	81,296	66,663
1954.....		252,640	Iowa.....	43,231	33,357
1947.....		214,102	Pacific.....	33,859	26,950
			California.....	31,881	25,324
New England.....	2,868	3,679	Prepared flour and flour mixes (20415 and 20455):		
Middle Atlantic.....	38,037	32,391	United States, total:		
New York.....	22,478	21,632	1958.....		467,331
New Jersey.....	2,559	3,082	1954.....		402,643
Pennsylvania.....	12,864	7,676	1947.....		363,999
East North Central.....	41,858	45,517			
Ohio.....	9,657	9,302			
Indiana.....	1,857	10,898			
Illinois.....	15,797	13,086			
Michigan.....	5,069	2,951			
Wisconsin.....	9,478	9,279			
West North Central.....	66,197	72,255			
Minnesota.....	12,384	16,770			
Iowa.....	13,197	16,978			
Missouri.....	7,327	12,987			
Nebraska.....	19,843	16,634			
Kansas.....	11,706	8,425			
South Atlantic.....	14,533	19,279			
Maryland.....	1,556	1,669			
Georgia.....	1,226	2,660			
Florida.....	9,171	5,506			
East South Central.....	13,116	6,815			
Tennessee.....	2,597	3,208			
Mississippi.....	2,238	1,515			
West South Central.....	17,395	23,819			
Arkansas.....	1,027	2,372			
Louisiana.....	1,116	1,548			
Oklahoma.....	2,668	2,541			
Texas.....	12,584	17,356			
Mountain.....	14,632	14,531			
Colorado.....	7,712	6,930			
New Mexico.....	1,522	1,611			
Arizona.....	1,851	2,967			
Pacific.....	27,221	34,353			
Washington.....	3,288	4,605			
Oregon.....	2,689	3,866			
California.....	21,244	25,882			
Cereals, breakfast foods (20430):					
United States, total:					
1958.....		431,788			
1957.....		396,832			
1956.....		383,723			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20411, New Jersey, Pennsylvania, Indiana, Wisconsin, Iowa, North Dakota, South Dakota, District of Columbia, Kentucky, Alabama, Montana, Idaho, Wyoming, Colorado, New Mexico, and Arizona; 20412, Pennsylvania, Indiana, Wisconsin, Iowa, Missouri, North Dakota, Kentucky, Montana, Idaho, and Colorado; 20413, Iowa, Missouri, Nebraska, Maryland, Kentucky, Arkansas, Oklahoma, and California; 20421, Maine, Rhode Island, South Dakota, West Virginia, and Idaho; 20423, Maine, Massachusetts, Indiana, Wisconsin, Iowa, North Dakota, South Carolina, and Colorado; 20424, Vermont, South Dakota, North Carolina, Kentucky, Alabama, and Utah; 20430, Vermont, Massachusetts, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Minnesota, Missouri, Nebraska, and Washington; 20415 and 20455, Massachusetts, Indiana, Wisconsin, Iowa, Nebraska, Maryland, South Carolina, West Virginia, Alabama, Oklahoma, Colorado, Utah, and Oregon.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	Industry 2041—Flour and meal			
			1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	Materials, ingredients, containers, and supplies, total.....		xxx	1,576,288	xxx	1,531,792
011111	Wheat.....	1,000 bu...	563,143	1,192,521	486,045	1,174,829
011115	Corn.....	...do....	69,582	90,354	54,320	89,820
011121	Oats.....	...do....	16,776	12,366	11,717	10,328
011125	Barley.....	...do....	4,266	4,697	3,156	4,064
011131	Sorghum grain.....	...do....	4,964	5,839	2,538	4,019
204111	Wheat flour.....	Sacks (CWT)	4,597,622	22,900	2,806,071	15,284
206011	Sugar (cane and beet).....	...do....	1,697,627	15,896	1,128,416	9,421
288012	Fats and oils for use in animal feeds <sup>1</sup> .....	1,000 lbs...	13,329	643		
209213	Fats and oils for use in flour and prepared flour mixes (purchased) <sup>1</sup> .....	...do....	52,074	8,640	42,766	8,109
288111	Cottonseed cake and meal.....	Tons.....	41,540	2,438	47,688	3,565
288311	Soybean cake and meal.....	...do....	185,610	12,443	88,065	8,412
288411	Other oil cake and meal.....	...do....	13,555	738	7,502	525
204121	Corn meal.....	Sacks (CWT)	552,619	2,512	231,102	1,095
204131	Hominy feed and meal.....	Ton.....	30,216	1,287	11,632	630
203211	Fish scrap and meal.....	...do....	9,722	1,423	12,272	1,855
204141	Corn gluten feed and meal.....	...do....	12,670	774	9,896	696
204211	Alfalfa meal.....	...do....	43,148	1,941	48,649	2,382
204151	Mill feed and screenings.....	...do....	189,237	7,428	156,314	6,569
201021	Meat scrap and tankage.....	...do....	29,969	2,949	24,728	2,518
208211	Brewers and distillers grains.....	...do....	9,146	500	4,040	230
283351	Vitamins for use in animal feeds.....	...do....	xxx	843		
283321	Drugs for use in animal feeds.....	...do....	xxx	690	xxx	2,105
283331	Antibiotics for use in animal feeds.....	...do....	xxx	522		
239311	Burlap bags, new.....	1,000 bags.	46,016	6,701		
239321	Cotton bags.....	...do....	xxx	18,038		
266111	Paper bags.....	...do....	xxx	31,834		
267111	Paperboard, folding and corrugated boxes.....	...do....	xxx	10,619	xxx	186,386
970000	All other materials, ingredients, containers, and supplies, consumed including materials not specified by kind.....		xxx	118,752		
			Industry 2042—Prepared animal feeds		Industry 2043—Cereal preparations	
			1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	Materials, ingredients, containers, and supplies, total.....		xxx	2,166,992	xxx	170,458
011111	Wheat.....	1,000 bu...	21,613	38,841	7,247	16,815
011115	Corn.....	...do....	246,246	343,412	10,854	16,138
011121	Oats.....	...do....	97,262	77,694	23,330	17,180
011125	Barley.....	...do....	36,437	39,306	1,314	1,530
011131	Sorghum grain.....	...do....	44,727	55,309	(1)	(1)
204111	Wheat flour.....	Sacks (CWT)	2,414,816	8,823	1,162,197	5,940
206011	Sugar (cane and beet).....	...do....	527,417	3,942	1,770,464	15,707
288012	Fats and oils for use in animal feeds.....	1,000 lbs...				
209213	Fats and oils for use in flour and prepared flour mixes (purchased) <sup>1</sup> .....	...do....	567,517	43,965	(1)	(1)
288111	Cottonseed cake and meal.....	Tons.....	548,717	33,912	(1)	(1)
288311	Soybean cake and meal.....	...do....	5,479,769	363,857	32,441	1,899
288411	Other oil cake and meal.....	...do....	285,769	18,452	7,744	339
204121	Corn meal.....	Sacks (CWT)	6,148,411	17,092	369,411	1,578
204131	Hominy feed and meal.....	Ton.....	559,695	27,124	(1)	(1)
203211	Fish scrap and meal.....	...do....	454,477	62,306	(1)	(1)
204141	Corn gluten feed and meal.....	...do....	689,762	39,994	1,824	138
204211	Alfalfa meal.....	...do....	979,211	49,444	5,261	229
204151	Mill feed and screenings.....	...do....	2,118,982	84,491	(1)	(1)
201021	Meat scrap and tankage.....	...do....	931,338	91,655	(1)	(1)
208211	Brewers and distillers grains.....	...do....	360,266	19,758	(1)	(1)
283351	Vitamins for use in animal feeds.....	...do....	xxx	35,857	xxx	259
283321	Drugs for use in animal feeds.....	...do....	xxx	30,455	xxx	(1)
283331	Antibiotics for use in animal feeds.....	...do....	xxx	23,886	xxx	(1)
239311	Burlap bags, new.....	1,000 bags.	159,764	28,995	964	146
239321	Cotton bags.....	...do....	xxx	8,433	xxx	(1)
266111	Paper bags.....	...do....	xxx	26,972	xxx	107
267111	Paperboard, folding and corrugated boxes.....	...do....	xxx	6,425	xxx	39,385
970000	All other materials, ingredients, containers, and supplies, consumed including materials not specified by kind.....		xxx	3586,592	xxx	72,647

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Unit of measure	Industry 2044—Rice milling			
			1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	Materials, ingredients, containers, and supplies, total.....		xxx	231,022	xxx	223,465
011111	Wheat.....	1,000 bu....	xxx	xxx	xxx	xxx
011115	Corn.....	do.....	xxx	xxx	xxx	xxx
011121	Oats.....	do.....	xxx	xxx	xxx	xxx
011125	Barley.....	do.....	xxx	xxx	xxx	xxx
011135	Rice rough.....	1,000 lbs....	4,125,134	218,410	4,152,643	204,088
204111	Wheat flour.....	Sack (CWT)...	xxx	xxx	xxx	xxx
206011	Sugar (cane and beet).....	do.....	xxx	xxx	xxx	xxx
209213	Fats and oils, for use in flour and prepared flour mixes (purchased).....	1,000 lbs....	xxx	xxx	xxx	xxx
204121	Corn meal.....	Sack (CWT)...	xxx	xxx	xxx	xxx
209411	Purchased corn starch.....	1,000 lbs....	xxx	xxx	xxx	xxx
970000	All other materials, ingredients, containers and supplies consumed, including materials not specified by kind.....		xxx	12,612	xxx	19,377
			Industry 2045—Flour mixes			
			1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	Materials, ingredients, containers, and supplies, total.....		xxx	151,181	xxx	270,521
011111	Wheat.....	1,000 bu....	(1)	(1)	xxx	xxx
011115	Corn.....	do.....	(1)	(1)	xxx	xxx
011121	Oats.....	do.....	(1)	(1)	xxx	xxx
011125	Barley.....	do.....	...	...	xxx	xxx
011135	Rice rough.....	1,000 lbs....	...	...	xxx	xxx
204111	Wheat flour.....	Sack (CWT)...	5,177,017	29,278	5,793,149	32,695
206011	Sugar (cane and beet).....	do.....	2,781,684	25,711	2,345,701	20,785
209213	Fats and oils, for use in flour and prepared flour mixes (purchased).....	1,000 lbs....	75,814	12,278	72,756	14,250
204121	Corn meal.....	Sack (CWT)...	357,317	1,500	145,519	690
209411	Purchased corn starch.....	1,000 lbs....	...	...	xxx	xxx
970000	All other materials, ingredients, containers and supplies consumed, including materials not specified by kind.....		xxx	82,414	xxx	81,463
			Industry 2046—Wet corn milling			
			1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	Materials, ingredients, containers, and supplies, total.....		xxx	262,653	xxx	270,521
011111	Wheat.....	1,000 bu....	(1)	(1)	xxx	xxx
011115	Corn.....	do.....	(1)	(1)	xxx	xxx
011121	Oats.....	do.....	(1)	(1)	xxx	xxx
011125	Barley.....	do.....	...	...	xxx	xxx
011135	Rice rough.....	1,000 lbs....	...	...	xxx	xxx
204111	Wheat flour.....	Sack (CWT)...	5,177,017	29,278	5,793,149	32,695
206011	Sugar (cane and beet).....	do.....	2,781,684	25,711	2,345,701	20,785
209213	Fats and oils, for use in flour and prepared flour mixes (purchased).....	1,000 lbs....	75,814	12,278	72,756	14,250
204121	Corn meal.....	Sack (CWT)...	357,317	1,500	145,519	690
209411	Purchased corn starch.....	1,000 lbs....	...	...	xxx	xxx
970000	All other materials, ingredients, containers and supplies consumed, including materials not specified by kind.....		xxx	82,414	xxx	81,463

<sup>r</sup>Revised.

<sup>1</sup>Not shown to avoid disclosing figures for individual companies; value figures included with code 970000 "All other materials." "For code 288012, Fats and oils used in animal feeds, the totals for all grain mill industries (SIC 204) were 582,959,000 pounds valued at \$44,826,000. Note that these figures do not include consumption in the Soybean Oil Mills Industry (SIC 2092), which produced about \$80 million worth of prepared animal feeds in 1958."

<sup>2</sup>1954 figures included only vitamin B-12 and antibiotic supplements.

<sup>3</sup>"Materials, not specified by kind" as distinguished from "all other materials" is estimated at \$200 to \$250 million for 1954 and between \$180 and \$230 million for 1958.



Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2041	FLOUR AND MEAL (entire industry).....	814	28,215	140,121	20,519	44,111	96,165	<sup>1</sup> 393,053	1,693,756	<sup>2</sup> 2,086,706	22,109
	Establishments with:										
	90% or more specialization.....	620	20,243	101,934	15,302	33,145	73,443	<sup>1</sup> 298,778	1,356,325	<sup>2</sup> 1,655,073	18,017
	75-89% specialization.....	75	3,060	14,848	2,117	4,457	9,768	35,559	135,344	170,669	1,793
20411	Wheat flour, except blended or prepared (primary product class estab.).....	346	18,737	96,058	13,617	29,909	67,239	283,308	1,335,827	1,619,528	15,701
	Establishments with:										
	90% or more specialization....	83	3,806	21,190	2,864	6,650	16,302	69,342	357,371	427,014	3,573
	75-89% specialization.....	125	8,239	42,626	6,314	13,712	31,709	137,650	650,362	787,831	7,927
20413	Dry corn milling products (primary product class of estab.).....	147	1,171	4,013	878	1,701	2,562	8,873	25,669	34,547	678
	Establishments with:										
	90% or more specialization....	94	397	1,171	327	576	889	2,388	7,167	9,593	( <sup>1</sup> )
	75-89% specialization.....	14	140	418	109	229	336	497	3,769	4,279	( <sup>1</sup> )
20415	Blended and prepared flour (primary product class of estab.).....	81	5,130	26,468	3,591	7,519	16,878	<sup>1</sup> 73,025	206,733	<sup>2</sup> 278,697	3,005
	Establishments with:										
	90% or more specialization....	15	356	2,076	247	565	1,160	<sup>1</sup> 6,164	18,420	<sup>2</sup> 24,072	( <sup>1</sup> )
	75-89% specialization.....	7	846	4,819	542	1,176	2,752	22,736	38,146	60,577	( <sup>1</sup> )
20416	Grain mill products, nec (primary product class of estab.).....	49	2,001	10,181	1,470	3,185	6,597	20,156	82,583	102,956	1,594
	Establishments with:										
	90% or more specialization....	22	156	652	128	262	497	1,317	4,937	6,268	( <sup>1</sup> )
	75-89% specialization.....	9	784	4,443	596	1,247	2,904	7,165	35,352	42,636	( <sup>1</sup> )
2042	PREPARED ANIMAL FEEDS (entire industry)	2,379	57,313	252,346	38,010	81,406	151,819	798,892	2,444,799	3,238,414	54,863
	Establishments with:										
	90% or more specialization.....	2,169	48,948	218,839	32,178	69,065	130,914	708,078	2,194,849	2,895,543	48,756
	75-89% specialization.....	80	4,246	18,826	2,939	6,656	11,905	48,600	121,877	171,293	4,425
20421	Poultry feeds (primary product class of estab.).....	688	25,335	114,185	16,309	34,990	66,250	364,932	1,397,714	1,762,334	24,666
	Establishments with:										
	90% or more specialization....	240	4,884	22,536	2,995	6,430	11,833	93,476	350,364	443,240	8,612
	75-89% specialization.....	130	4,847	22,505	3,162	6,937	13,121	80,601	321,075	401,056	4,392
20422	Livestock feeds (primary product class of estab.).....	670	16,997	77,608	10,414	22,810	43,324	229,306	669,927	896,193	16,349
	Establishments with:										
	90% or more specialization....	244	3,353	13,995	2,050	4,153	7,232	39,197	103,905	142,399	3,703
	75-89% specialization.....	100	2,870	13,650	1,780	3,950	7,758	55,489	96,278	150,721	3,730
20423	Dog and cat food (primary product class of estab.).....	165	5,551	24,462	4,290	8,904	17,116	106,492	172,919	279,055	4,330
	Establishments with:										
	90% or more specialization....	139	3,759	16,711	2,831	5,833	11,202	79,801	118,165	197,216	3,008
	75-89% specialization.....	7	629	2,782	509	959	2,071	11,247	12,072	24,090	( <sup>1</sup> )
20424	Other prepared animal feeds (primary product class of estab.).....	459	6,303	25,165	4,598	10,067	16,908	66,310	128,175	193,274	6,240
	Establishments with:										
	90% or more specialization....	346	4,558	18,572	3,418	7,661	12,779	49,000	82,528	130,334	4,404
	75-89% specialization.....	32	329	1,174	254	571	861	2,422	8,323	10,864	351
2043	CEREAL PREPARATIONS (entire industry)..	43	10,927	61,902	8,490	16,803	44,101	243,088	202,045	444,132	7,521
	Establishments with:										
	90% or more specialization.....	31	5,753	33,202	4,439	8,880	23,183	114,856	79,713	193,662	4,594
2045	FLOUR MIXES <sup>3</sup> (entire industry).....	117	4,894	28,353	3,556	7,467	17,664	118,073	164,196	279,364	8,606
	Establishments with:										
	90% or more specialization.....	83	1,354	7,790	939	1,948	4,795	23,160	37,248	60,010	3,654

<sup>1</sup>Revised.

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>Represents flour mills in which the primary product shipped was blended and prepared flour or flour mixes.

<sup>4</sup>Represents blending plants specializing in the production of prepared flour and flour mixes from purchased flour or flour transferred from other plants of the same company.





# Bakery Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries--

## S.I.C. Code and Title (1957 Edition)

2051--Bread and Other Products, Except Biscuit, Crackers, and Pretzels

2052--Biscuit, Crackers, and Pretzels

Selected statistics are also included from the 1958 Census of Business for retail trade classification "Retail Bakeries--Manufacturing," (SIC 5462).

## 2051--Bread and Other Bakery Products, Except Biscuit, Crackers, and Pretzels

Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuit, crackers, and pretzels are classified in Industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, Industry 5462. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more nonbaking retail outlets, are included in Industry 2051.

Subindustries: The Standard Industrial Classification does not provide for separate industry data for the different types of bakeries included in Industry 2051. In order to provide additional detail to reflect the differences among bakeries, i.e., interrelationships of value and type of bakery products shipped, materials used, value added by manufacture, employment, etc., Industry 2051 has been divided into four subindustries described below.

Wholesale Bakeries: Bakeries selling chiefly at wholesale to other business concerns, including grocers, restaurants, hotels, institutions, and other establishments buying the products for resale. The principal products of this group of establishments are bread, bread type rolls, and cakes. The sales values reported are the wholesale selling prices received by the manufacturer.

Grocery Chain Bakeries: Bakeries owned and operated by grocery chain store companies and distributing their product through retail grocery stores owned by the same company. The sales values reported by this group of establishments are based on a transfer price which is equivalent to the wholesale price.

Home Service Bakeries: Bakeries selling chiefly through retail home service routes. The values were reported generally at the retail prices, although in a few instances, transfers of goods between establishments of some of the larger companies were expressed in terms of wholesale prices.

Retail multi-outlet Bakeries: Retail bakeries selling chiefly through nonbaking outlets operated by the same company. Statistics relating to the nonbaking outlets are not included, except in those cases where one retail unit was at the same location as the bakery and included as a part of the manufacturing establishment. Bakeries op-

erated by restaurant chains are included in this subindustry. The value of products reported is largely based on the retail prices received for the product. However, some of the larger concerns reported a "transfer value," the nearest available equivalent to a wholesale price.

The growing use of distribution points or relay stations presented some reporting problems in the 1958 Census. Companies were requested to consider relay stations an integral part of the plant in reporting employment and sales if they were used to distribute products primarily to consumers through home service routes. However, if they were primarily used for wholesale distribution to other businesses, the companies were requested to consider them wholesale sales branches, and file a separate report on Census of Business Form CB-50D, Wholesale Sales Branches of Manufacturing Companies. Thus the employment, sales, inventories, etc., of such establishments were included in the 1958 Census of Business tabulations.

The value of shipments and other receipts of the Bakery and Related Products industry in 1958 totaled \$4,098 million. This included shipments of primary products (bread and other perishable bakery products) valued at \$3,561 million, secondary products, including biscuit, crackers, and machine made cookies, valued at \$68 million, and miscellaneous receipts (chiefly resales) of \$463 million.

The specialization and coverage ratios for Industry 2051 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

## 2052--Biscuit, Crackers, and Pretzels

Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in Industry 2051.

The 1957 revisions of the Standard Industrial Classification Manual transferred establishments primarily engaged in making ice cream cones and cups to Industry 2052 from Industry 2099, Food Products, N.E.C. The net effect was to transfer 35 establishments with 1,350 employees into Industry 2052. The effects of this reclassification are shown in tables 1, 2, and 2A.

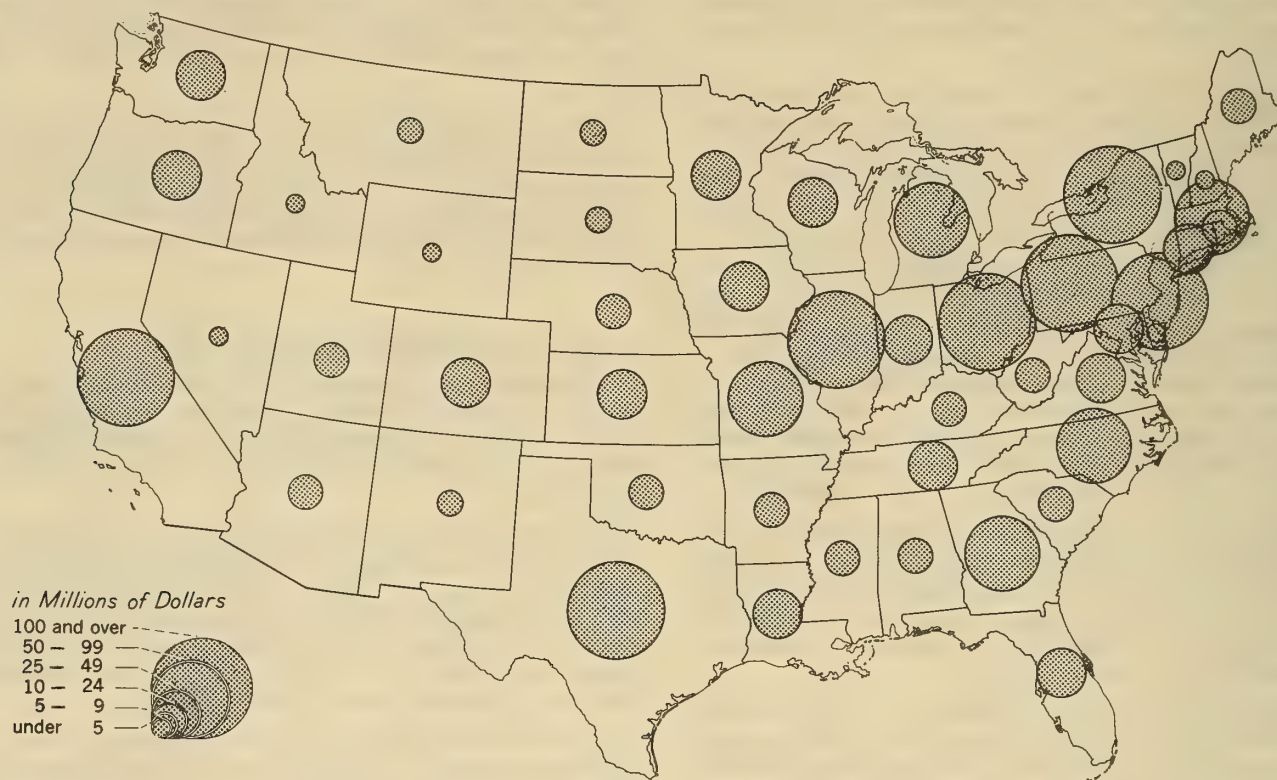
The value of shipments of Industry 2052, Biscuit and Crackers, amounted to \$981 million in 1958, of which \$912 million were primary products, \$31 million secondary products, including perishable bakery products, and miscellaneous receipts (mostly resales) of \$38 million.

The specialization and coverage ratios for Industry 2052 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## BAKERY PRODUCTS: SIC 205

Value Added by Manufacture by State: 1958



Includes Industries 2051 and 2052. See Table 2.

Bureau of the Census M-58-D205



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)	
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)							
2051, 5402	Bread and other bakery products, including retail bakeries with baking on the premises:															
		1958 <sup>8</sup> .....	(NA)	17,886	(NA)	327,769	1,320,096	(NA)	(NA)	(NA)	(NA)	(NA)	4,741,979	(NA)	(NA)	(NA)
		1954 <sup>8</sup> .....	(NA)	18,714	(NA)	319,777	1,131,946	(NA)	(NA)	(NA)	(NA)	(NA)	3,989,482	(NA)	(NA)	(NA)
		1947.....	(NA)	17,901	(NA)	282,983	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1939.....	(NA)	18,043	(NA)	247,591	330,666	201,533	(NA)	262,002	643,597	567,427	1,211,024	(NA)	(NA)	(NA)
		1937.....	(NA)	16,874	(NA)	231,258	304,309	210,597	(NA)	265,354	588,598	629,267	1,217,865	(NA)	(NA)	(NA)
		1935.....	(NA)	18,720	(NA)	207,771	255,763	189,182	(NA)	222,645	471,736	580,728	1,052,464	(NA)	(NA)	(NA)
		1933.....	(NA)	14,483	(NA)	169,378	195,446	155,229	(NA)	174,423	399,340	370,992	770,332	(NA)	(NA)	(NA)
		1931.....	(NA)	17,364	(NA)	(NA)	(NA)	154,764	(NA)	212,353	543,373	436,531	979,904	(NA)	(NA)	(NA)
		1929.....	(NA)	20,410	(NA)	183,926	279,770	166,970	(NA)	240,354	621,622	629,999	1,251,621	(NA)	(NA)	(NA)
		1927.....	(NA)	17,909	(NA)	154,245	239,846	139,013	(NA)	202,197	560,406	585,304	1,145,710	(NA)	(NA)	(NA)
		1925.....	(NA)	17,490	(NA)	142,235	216,008	128,034	(NA)	187,660	462,920	560,748	1,023,668	(NA)	(NA)	(NA)
		1923.....	(NA)	18,572	(NA)	142,269	213,579	127,496	(NA)	183,221	425,949	485,169	911,118	(NA)	(NA)	(NA)
		1921.....	(NA)	20,024	(NA)	132,611	195,824	117,026	(NA)	169,829	386,895	515,568	902,463	(NA)	(NA)	(NA)
		1919.....	(NA)	24,919	(NA)	131,504	168,886	107,251	(NA)	132,171	337,771	610,105	947,876	(NA)	(NA)	(NA)
		1914.....	(NA)	25,797	(NA)	113,976	79,681	99,016	(NA)	66,072	171,825	230,584	402,409	(NA)	(NA)	(NA)
2051 (old SIC 2051)	Bread and related products: <sup>10</sup>	1958, total.....	5,305	5,985	2,149	256,963	1,154,240	145,393	290,460	572,636	2,110,820	1,989,023	4,098,612	99,240	98	99
		Wholesale bakeries <sup>15</sup> .....	(NA)	5,199	1,756	193,527	873,317	108,742	216,395	418,084	1,605,289	1,525,907	3,130,415	76,821	(NA)	(NA)
		Grocery chain bakeries.....	(NA)	178	128	18,869	87,131	16,461	32,990	73,515	168,800	214,051	382,499	7,471	(NA)	(NA)
		Home service bakeries.....	(NA)	361	146	30,502	142,461	11,158	22,622	45,945	244,378	161,715	406,108	9,881	(NA)	(NA)
		Retail multi-outlet bakeries <sup>10</sup> .....	(NA)	247	119	14,065	51,331	9,032	18,453	35,092	92,353	87,350	179,590	5,067	(NA)	(NA)
		1957 <sup>11</sup> .....	(NA)	(NA)	(NA)	262,813	1,136,495	147,467	294,187	540,595	2,014,197	1,613,349	3,528,308	(S)	98	99
		1956 <sup>11</sup> .....	(NA)	(NA)	(NA)	261,243	1,092,176	150,059	301,818	528,127	1,893,623	1,590,358	3,397,559	94,761	(NA)	(NA)
		1955 <sup>11</sup> .....	(NA)	(NA)	(NA)	252,097	1,030,706	145,278	298,196	498,666	1,773,693	1,547,114	3,238,717	82,176	(NA)	(NA)
		1954, total.....	5,470	6,103	2,024	246,337	973,546	143,077	293,871	477,972	1,636,810	1,708,471	3,345,200	75,725	98	99
		Wholesale bakeries	(NA)	5,426	1,641	190,195	753,745	109,125	225,379	358,770	1,275,520	1,342,108	2,617,521	60,591	...	...
		Grocery chain bakeries.....	(NA)	142	114	16,233	60,078	14,382	28,198	50,964	108,887	162,167	271,140	4,907	(NA)	(NA)
		Home service bakeries.....	(NA)	217	148	28,094	120,962	11,434	23,922	40,594	189,315	144,273	333,528	7,650	(NA)	(NA)
		Retail multi-outlet bakeries <sup>10</sup> .....	(NA)	318	121	11,813	38,760	8,134	16,370	27,642	63,088	59,923	123,011	2,575	(NA)	(NA)
		1953 <sup>11</sup> .....	(NA)	(NA)	(NA)	238,911	905,931	144,273	299,526	481,965	1,528,757	1,423,235	2,951,992	(NA)	(NA)	(NA)
		1952 <sup>11</sup> .....	(NA)	(NA)	(NA)	264,519	940,982	158,272	330,856	485,423	1,572,270	1,500,758	3,073,028	(NA)	(NA)	(NA)
		1951 <sup>11</sup> .....	(NA)	(NA)	(NA)	257,951	869,031	156,032	328,359	448,022	1,454,504	1,468,256	2,922,760	(NA)	(NA)	(NA)
		1950 <sup>11</sup> .....	(NA)	(NA)	(NA)	246,463	781,545	151,696	323,905	406,327	1,313,402	1,291,225	2,604,627	(NA)	(NA)	(NA)
		1949 <sup>11</sup> .....	(NA)	(NA)	(NA)	246,036	751,049	152,267	325,767	396,445	1,272,817	1,290,585	2,563,402	(NA)	(NA)	(NA)
		1947.....	5,985	6,796	(NA)	232,726	654,776	149,519	325,580	350,056	1,098,012	1,305,577	2,403,589	(NA)	98	99
		1939 <sup>12</sup> .....	(NA)	10,325	(NA)	217,000	1298,000	180,202	(NA)	236,576	573,837	491,498	1,065,335	(NA)	(NA)	(NA)
2052 (new) (old)	Biscuit and crackers: 1958 <sup>16</sup> (including ice cream cones and cups)..... 1958 <sup>16</sup> (excluding ice cream cones and cups).....	280	334	203	44,333	179,390	34,207	68,331	122,444	522,490	455,829	980,780	15,502	97	94	
		(NA)	299	180	42,983	174,599	33,190	66,424	119,526	502,618	445,788	953,744	15,164	...	...	
		1957 <sup>11</sup> .....	(NA)	(NA)	(NA)	40,933	162,817	32,558	63,942	115,706	468,173	398,822	856,164	10,648	96	95
		1956 <sup>11</sup> .....	(NA)	(NA)	(NA)	42,539	161,541	34,514	67,159	116,524	451,267	377,581	814,340	11,266	(NA)	(NA)
		1955 <sup>11</sup> .....	(NA)	(NA)	(NA)	43,168	154,918	34,842	67,286	111,627	418,330	353,278	763,146	15,361	(NA)	(NA)
		1954.....	...	311	...	44,763	150,880	35,700	68,509	109,619	420,132	387,531	806,753	...	97	93
		1953 <sup>11</sup> .....	(NA)	(NA)	(NA)	47,180	150,003	38,346	76,404	113,725	400,473	347,828	748,301	(NA)	(NA)	(NA)
		1952 <sup>11</sup> .....	(NA)	(NA)	(NA)	49,271	153,477	38,963	78,348	111,633	392,805	339,101	731,906	(NA)	(NA)	(NA)
		1951 <sup>11</sup> .....	(NA)	(NA)	(NA)	47,872	147,272	38,762	78,352	106,006	355,602	344,439	700,041	(NA)	(NA)	(NA)
		1950 <sup>11</sup> .....	(NA)	(NA)	(NA)	47,257	133,423	38,600	76,097	97,392	325,826	277,843	603,669	(NA)	(NA)	(NA)
		1949 <sup>11</sup> .....	(NA)	(NA)	(NA)	46,037	122,381	37,646	75,707	90,138	307,368	258,600	565,968	(NA)	(NA)	(NA)
		1947.....	...	326	...	46,058	109,223	37,526	...	78,361	264,973	275,249	540,222	...	...	...
		1939.....	(NA)	356	(NA)	35,930	42,059	29,173	(NA)	28,550	118,743	82,050	200,793	(NA)	(NA)	(NA)
		1937.....	(NA)	319	(NA)	31,877	35,146	28,791	(NA)	28,641	110,543	97,755	208,298	(NA)	(NA)	(NA)
		1935.....	(NA)	348	(NA)	32,159	32,060	29,241	(NA)	25,888	93,295	89,313	182,608	(NA)	(NA)	(NA)
		1933.....	(NA)	347	(NA)	29,475	26,238	27,153	(NA)	22,250	92,972	56,473	149,445	(NA)	(NA)	(NA)
		1931.....	(NA)	354	(NA)	(NA)	(NA)	28,397	(NA)	26,978	141,197	68,946	210,143	(NA)	(NA)	(NA)
		1929.....	(NA)	375	(NA)	38,556	44,676	33,871	(NA)	34,208	167,389	107,101	274,490	(NA)	(NA)	(NA)
		1927.....	(NA)	220	(NA)	37,387	43,120	32,982	(NA)	34,029	141,058	107,932	248,990	(NA)	(NA)	(NA)
		1925.....	(NA)	194	(NA)	36,918	41,129	32,377	(NA)	31,946	137,259	107,268	244,527	(NA)	(NA)	(NA)
		1923.....	(NA)	167	(NA)	39,868	40,500	35,117	(NA)	31,358	122,437	89,351	211,788	(NA)	(NA)	(NA)
		1921.....	(NA)	149	(NA)	36,435	38,571	31,474	(NA)	29,110	104,463	83,046	187,509	(NA)	(NA)	(NA)
		1919.....	(NA)	176	(NA)	41,230	38,171	34,341	(NA)	26,066	100,887	103,134	204,021	(NA)	(NA)	(NA)
		1914.....	(NA)	166	(NA)	30,082	16,953	25,036	(NA)	10,794	45,810	43,674	89,484	(NA)	(NA)	(NA)

See footnotes at end of table.



Footnotes for Table 1—20E

NA Not available. r Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000) 1954	Industry Code	Value added (\$1,000) 1954
2051	1,568,933	Grocery chain bakeries	107,974
2052	408,254	Home service bakeries	175,517
Wholesale bakeries	1,223,635	Retail multi-outlet	61,805

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2051	1,691,833	1,498,088	Grocery chain bakeries	205,654	157,877
2052	426,922	348,934	Home service bakeries	137,061	122,033
Wholesale bakeries	1,279,678	1,162,090	Retail multi-outlet	69,640	56,087

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2051	3,699,473	3,067,017	Grocery chain bakeries	371,941	265,851
2052	943,763	757,193	Home service bakeries	363,937	297,551
Wholesale bakeries	2,807,650	2,385,721	Retail multi-outlet	155,945	117,892

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>Excludes "bakery products stores" with no paid employees. In 1958 there were 4,752 such stores with sales of \$79,330,000 compared to 3,932 stores in 1954 with sales of \$59,668,000.

<sup>9</sup>Includes 70,806 employees in 1958 and 73,440 employees in 1954 reported by retail bakeries covered in the Census of Business. These figures represent the number of employees as of the week ended nearest November 15, rather than the average for the year.

<sup>10</sup>For 1953 and earlier years the Industry 2051, Subindustry "Retail Multi-Outlet Bakeries," included establishments of retail multi-outlets with baking on the premises of each retail outlet. In 1954 and subsequent years such establishments were classified in retail trade. Thus the 1947 figures for "retail multi-outlet bakeries" are not closely comparable to the 1954 and 1958 figures.

<sup>11</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table. See also footnote 10 for changes in definition during these periods for Industry 2051, Subindustry "Retail multi-outlet bakeries."

<sup>12</sup>Figures were obtained from a retabulation of 1939 Census reports classified in accordance with present industry definitions and, except for production workers, are comparable with the figures for 1947-1954.

<sup>13</sup>Estimated by applying to retabulated data on number and wages of production workers the following ratios, respectively, computed from published 1939 statistics: (1) Total number of employees to number of production workers in establishments classified as "Wholesale" and "Wholesale and Retail" and (2) Wages paid to all employees to wages paid to production workers in the same categories.

<sup>14</sup>Figures are for wage earners, including driver-salesmen, and are not comparable with later years. Analysis of a sample of 1939 returns indicates that somewhat over 40 percent of these wage earners were driver-salesmen.

<sup>15</sup>For 1958 and 1954, includes about 2,000 small establishments reporting on "short forms," some of which did not describe the method of distribution adequately. A review of the forms indicated that the great majority were wholesale bakeries. For 1958, this group comprised 2,004 establishments with 18,884 employees and \$119,800,000 adjusted value added.

<sup>16</sup>The definition of this industry was revised in the 1957 Standard Industrial Classification to include establishments primarily making ice cream cones and cups. These establishments were classified in Industry 2099, Food Preparations, NEC, for 1954-1957. The 1957 and earlier figures are on the old SIC definition of the industry.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2051	Bread and related products, total...	5,985	2,149	256,963	1,154,240	145,393	290,460	572,636	2,110,820	4,098,612	99,240	246,337	1,568,933	232,726
	New England.....	559	166	19,377	83,158	11,202	22,202	42,730	141,825	289,325	6,714	19,792	117,582	19,891
	Maine.....	42	16	2,032	8,017	1,347	2,712	4,505	16,986	32,800	763	2,036	14,157	(D)
	New Hampshire..	23	7	647	2,537	300	598	999	4,248	8,409	(2)	652	4,188	829
	Vermont.....	17	5	398	1,662	254	484	837	3,383	6,330	...	433	2,616	445
	Massachusetts..	286	85	10,457	45,143	5,939	11,639	23,086	75,547	152,208	4,059	10,753	60,232	11,854
	Rhode Island...	67	15	2,110	9,711	1,172	2,427	4,790	13,240	31,515	686	2,094	11,993	1,895
	Connecticut....	124	38	3,733	16,088	2,190	4,342	8,513	28,421	58,063	917	3,821	24,394	3,383
	Middle Atlantic..	1,583	478	64,996	295,568	38,269	75,785	159,907	527,306	1,034,119	22,612	62,960	389,268	64,473
	New York.....	740	220	33,156	156,357	19,359	38,027	83,817	281,840	543,115	13,052	30,460	193,839	29,480
	New Jersey.....	267	73	8,350	38,261	4,965	9,851	21,442	71,531	140,943	2,534	9,347	56,185	8,367
	Pennsylvania...	576	185	23,490	100,950	13,945	27,907	54,648	173,935	350,061	7,026	23,153	139,243	26,620
	East North													
	Central.....	1,251	472	56,872	260,394	31,292	63,124	127,749	456,259	871,534	18,598	54,912	354,620	54,268
	Ohio.....	333	137	17,884	81,143	8,823	18,144	36,343	142,065	265,519	5,378	17,333	110,342	17,465
	Indiana.....	153	57	6,108	27,035	3,094	6,200	11,954	48,500	92,737	2,226	6,303	37,824	(D)
	Illinois.....	358	133	15,744	74,507	9,280	18,748	39,081	133,303	258,124	5,783	14,616	99,549	14,878
	Michigan.....	260	89	10,877	52,107	6,473	12,966	27,787	88,964	173,569	2,939	11,260	75,930	10,707
	Wisconsin.....	147	56	6,259	25,602	3,622	7,066	12,584	43,427	81,585	2,272	5,398	30,973	(D)
	West North													
	Central.....	517	186	20,879	92,019	11,317	22,252	43,495	160,242	306,555	7,110	21,593	138,971	20,120
	Minnesota.....	112	42	3,862	16,816	2,126	4,182	8,199	29,404	56,212	1,333	3,977	26,255	3,888
	Iowa.....	90	26	3,217	14,538	1,675	3,421	6,439	23,768	48,492	1,112	3,621	23,284	(D)
	Missouri.....	142	58	8,144	36,803	4,485	8,516	17,956	64,713	122,095	2,790	8,557	53,239	7,616
	North Dakota...	26	9	559	2,150	285	547	884	4,092	9,352	(2)	...	...	...
	South Dakota...	36	7	638	2,603	391	805	1,320	4,329	8,575	(2)	...	...	...
	Nebraska.....	44	16	2,331	10,154	1,117	2,303	4,302	16,987	30,581	690	2,211	14,607	(D)
	Kansas.....	67	28	2,128	8,955	1,238	2,478	4,395	16,949	31,248	627	2,037	14,006	(D)
	South Atlantic...	564	269	30,598	121,081	17,293	36,542	57,051	243,663	497,143	14,463	27,957	169,562	24,807
	Delaware.....	10	4	289	1,600	201	400	812	3,673	7,334	(2)	307	2,607	378
	Maryland.....	87	40	4,337	18,821	2,579	5,525	9,595	35,292	72,083	1,764	4,207	26,439	4,398
	Dist. of Col...	22	12	1,663	8,158	963	1,914	4,136	16,932	33,476	1,099	1,988	13,501	2,172
	Virginia.....	73	43	4,211	16,357	2,472	5,068	8,219	35,558	67,158	1,837	3,792	22,178	(D)
	West Virginia..	63	33	2,846	12,066	1,463	3,196	5,057	22,231	46,705	1,651	2,712	16,902	2,581
	North Carolina.	94	52	5,670	19,999	3,026	6,472	8,832	41,092	88,070	1,936	5,016	27,321	(D)
	South Carolina.	26	11	1,742	6,221	961	2,131	2,650	13,271	29,039	994	1,784	9,228	1,445
	Georgia.....	70	32	4,707	17,396	2,729	5,680	8,178	33,670	70,865	3,322	3,922	25,475	(D)
	Florida.....	119	42	5,133	20,463	2,899	6,156	9,572	41,944	82,413	1,775	4,225	25,909	3,274
	East South													
	Central.....	223	112	12,432	48,874	7,255	14,755	23,822	94,531	195,356	5,389	11,383	66,398	9,734
	Kentucky.....	45	25	2,706	12,006	1,569	3,234	6,015	20,733	44,838	1,068	2,580	16,547	2,542
	Tennessee.....	83	38	4,653	18,113	2,882	5,620	9,177	36,585	73,220	1,933	4,579	27,959	3,552
	Alabama.....	53	28	3,380	12,598	1,846	3,823	5,855	23,255	47,711	1,250	2,869	14,213	2,286
	Mississippi....	42	21	1,693	6,157	958	2,078	2,775	13,958	29,587	1,138	1,354	7,677	1,354
	West South													
	Central.....	469	175	18,581	76,878	9,977	20,889	33,767	153,085	298,780	8,733	18,143	115,497	15,137
	Arkansas.....	44	17	1,471	5,805	703	1,504	2,390	12,206	24,571	611	1,614	10,493	1,297
	Louisiana.....	95	33	4,079	17,249	2,207	4,637	8,045	32,975	64,504	1,737	4,164	24,333	(D)
	Oklahoma.....	91	28	2,458	10,540	1,261	2,546	4,397	18,907	36,636	1,591	2,683	15,328	2,250
	Texas.....	239	97	10,573	43,284	5,806	12,202	18,935	88,997	173,069	4,794	9,681	65,342	8,348
	Mountain.....	268	86	7,153	29,826	4,218	8,415	15,061	61,200	115,711	3,998	6,090	40,440	(D)
	Montana.....	35	13	701	2,768	408	838	1,453	5,771	10,883	(2)	739	4,594	686
	Idaho.....	23	9	530	2,048	306	637	1,111	3,989	7,694	(2)	473	2,781	586
	Wyoming.....	22	2	226	708	156	294	408	1,282	2,530	(2)	249	1,143	288
	Colorado.....	67	25	2,379	10,304	1,410	2,903	5,122	20,114	38,112	1,744	2,139	13,807	(D)
	New Mexico.....	30	11	844	3,199	483	1,007	1,539	7,289	13,884	(2)	545	2,989	487
	Arizona.....	43	10	1,195	5,662	618	1,194	2,538	11,441	20,788	776	818	6,882	664
	Utah.....	36	13	1,062	4,210	690	1,278	2,369	9,633	18,602	532	968	7,080	(D)
	Nevada.....	12	3	216	927	147	264	521	1,681	3,218	(2)	156	1,163	137
	Pacific.....	551	205	26,075	146,442	14,570	26,496	69,054	272,709	490,089	11,623	23,504	176,591	(D)
	Washington....	97	33	3,395	17,305	1,903	3,417	8,379	32,223	60,676	1,502	3,347	21,289	(D)
	Oregon.....	59	22	2,158	10,869	1,139	2,037	4,997	21,943	38,298	862	2,101	16,386	(D)
	California.....	395	150	20,522	118,268	11,528	21,042	55,678	218,543	391,115	9,259	18,055	138,915	13,668
2051-02	Wholesale bakeries, total <sup>3</sup> .....	5,199	1,756	193,527	873,317	108,742	216,395	418,084	1,605,289	3,130,415	76,821	190,195	1,223,635	163,845
	New England.....	471	122	12,489	53,856	7,173	13,957	26,496	92,201	192,841	4,750	12,129	71,844	11,138
	Maine.....	36	11	1,034	4,638	672	1,364	2,221	9,688	18,096	(2)	1,123	10,882	5,916
	Massachusetts..	237	60	6,551	27,744	3,666	6,932	13,530	46,810	96,680	2,711	...	...	...
	Rhode Island...	56	13	1,643	7,764	848	1,766	3,519	9,889	24,081	559	5,878	8,521	1,415
	Connecticut....	106	27	2,356	9,991	1,497	2,939	5,591	18,879	40,531	696	2,673	16,949	1,887
	Middle Atlantic..	1,332	368	43,375	199,959	25,648	50,162	105,585	352,615	686,672	13,969	43,057	268,796	39,079
	New York.....	654	184	22,018	105,612	13,027	25,168	56,457	185,433	362,871	6,837	21,732	133,003	19,072
	New Jersey.....	220	58	6,405	29,133	3,488	6,982	14,836	54,530	104,071	1,932	6,147	40,705	6,145
	Pennsylvania...	458	126	14,952	65,214	9,133	18,012	34,292	112,652	219,730	5,200	15,176	95,087	13,862

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2051-03	Wholesale bakeries—Con. East North													
	Central.....	1,082	384	41,497	193,765	22,947	46,293	92,226	342,940	658,647	13,977	42,819	280,563	36,321
	Ohio.....	284	108	11,914	55,810	6,231	12,807	25,474	100,501	190,393	3,536	12,546	79,540	9,886
	Indiana.....	139	49	4,534	20,212	2,439	4,982	9,199	37,665	73,707	1,483	5,417	33,354	3,935
	Illinois.....	319	112	13,642	64,970	7,733	15,585	32,160	114,805	219,956	5,422	12,880	88,241	11,868
	Michigan.....	220	72	7,244	35,067	3,982	7,823	16,311	59,511	116,718	1,728	7,566	53,470	7,027
	Wisconsin.....	120	43	4,163	17,706	2,562	5,096	9,082	30,458	57,873	1,808	4,417	25,956	3,605
	West North													
	Central.....	468	159	16,666	74,027	9,029	17,767	34,084	131,841	252,664	5,730	18,032	116,496	15,711
	Minnesota.....	100	38	3,329	14,607	1,845	3,600	7,002	25,755	49,483	1,225	3,154	20,896	2,827
	Iowa.....	84	26	3,136	14,389	1,612	3,303	6,319	23,550	48,030	1,110	3,538	22,899	2,854
	Missouri.....	125	44	5,540	25,534	2,920	5,652	11,524	46,929	87,012	1,818	6,225	39,012	5,417
	Kansas.....	61	24	1,944	8,192	1,082	2,078	3,750	15,543	28,554	576	1,874	12,608	2,001
	South Atlantic...	507	231	26,137	103,126	14,172	30,084	45,348	203,832	412,556	13,584	23,621	141,512	20,005
	Maryland.....	72	26	2,857	12,446	1,578	3,407	5,488	21,204	42,893	1,454	2,860	16,015	2,653
	Virginia.....	69	39	3,427	13,022	1,937	4,031	6,111	29,185	53,441	1,606	2,893	16,594	2,779
	West Virginia..	55	29	2,403	10,425	1,324	2,873	4,596	19,492	41,287	1,614	2,418	4,390	2,329
	North Carolina..	89	49	5,306	18,684	2,705	5,799	7,749	38,351	80,933	1,892	4,657	25,481	3,520
	Georgia.....	62	28	4,126	15,267	2,308	4,814	6,791	29,895	62,104	3,229	3,427	22,920	2,590
	Florida.....	110	38	4,709	18,948	2,551	5,429	8,384	37,982	72,884	1,735	3,808	23,480	2,819
	East South													
	Central.....	207	103	11,365	44,411	6,556	13,344	21,062	86,074	178,196	4,893	10,510	61,560	8,533
	Kentucky.....	39	21	1,973	8,585	1,130	2,365	4,084	14,271	31,822	746	1,998	12,874	1,706
	West South													
	Central.....	418	153	16,292	68,876	8,643	18,094	29,426	138,010	268,934	7,641	16,332	105,427	13,427
	Arkansas.....	37	15	1,349	5,414	621	1,302	2,106	11,533	23,118	609	1,506	8,546	1,273
	Louisiana.....	81	29	3,622	16,069	1,935	4,083	7,184	31,105	59,589	1,425	3,772	23,022	2,970
	Oklahoma.....	82	24	2,212	9,655	1,172	2,348	4,134	17,461	34,209	1,563	2,502	14,391	2,148
	Texas.....	218	85	9,109	37,738	4,915	10,361	16,002	77,911	152,018	4,044	8,551	57,864	7,036
	Mountain.....	239	71	5,941	24,794	3,500	6,915	12,360	50,474	97,077	3,472	5,408	35,981	4,947
	Wyoming.....	22	2	226	708	156	294	408	1,282	2,530	(2)	249	1,143	(D)
	Colorado.....	55	18	1,648	7,217	955	1,909	3,315	13,514	26,015	1,458	1,862	11,835	1,533
	Arizona.....	37	6	926	4,469	509	966	2,080	9,108	17,191	624	644	5,680	552
	Pacific.....	475	165	19,766	110,503	11,074	19,779	51,497	207,306	382,828	8,805	18,282	141,452	14,684
	Washington....	86	26	2,766	14,449	1,540	2,769	6,786	26,270	50,874	1,417	2,583	17,694	2,545
	Oregon.....	44	16	1,647	8,772	884	1,588	3,907	17,437	31,158	790	1,696	13,165	1,892
	California....	345	123	15,353	87,282	8,650	15,422	40,804	163,599	300,796	6,598	14,002	110,592	10,247
	Grocery chain													
	bakeries, total..	178	128	18,869	87,131	16,461	32,990	73,515	168,800	382,499	7,471	16,233	107,974	11,939
	New England....	19	14	2,397	10,802	1,976	4,019	8,591	19,198	42,970	1,237	1,997	13,183	(D)
	Massachusetts..	12	10	1,467	6,647	1,210	2,439	5,331	11,402	24,984	950	968	5,073	686
	Middle Atlantic.	44	24	5,804	29,073	4,962	9,905	24,463	51,451	119,601	1,614	5,077	31,005	(D)
	New York.....	23	11	2,479	11,535	2,155	4,369	10,217	21,537	48,654	698	2,091	12,773	1,479
	New Jersey....	8	5	1,250	6,706	1,077	2,138	5,183	13,199	28,386	(2)	652	4,267	(D)
	Pennsylvania..	13	8	2,075	10,832	1,730	3,398	9,063	16,715	42,561	509	2,334	13,964	1,932
	East North													
	Central.....	37	30	4,272	19,839	3,778	7,517	16,951	37,055	86,069	896	3,491	22,362	(D)
	Ohio.....	8	8	1,048	4,865	922	1,884	4,122	9,116	21,176	(2)	904	5,686	(D)
	Indiana.....	4	3	395	1,711	354	672	1,470	3,180	7,159	(2)	...	...	...
	Illinois.....	11	9	1,284	6,194	1,103	2,241	5,164	11,577	26,845	(2)	922	5,942	735
	Michigan.....	6	5	1,106	5,263	1,016	1,989	4,648	9,463	22,418	(2)	1,040	6,718	1,058
	Wisconsin.....	8	5	439	1,806	383	731	1,547	3,719	8,471	(2)	...	...	...
	West North													
Central.....	17	12	1,520	6,444	1,376	2,629	5,657	11,380	26,590	(2)	1,651	10,819	(D)	
Missouri.....	6	5	1,162	4,903	1,058	1,879	4,306	8,445	20,465	(2)	1,148	6,693	1,098	
South Atlantic..	21	17	2,139	8,428	1,942	3,906	7,316	20,002	48,496	(2)	2,043	12,967	(D)	
Maryland.....	4	4	364	1,528	328	649	1,368	3,087	7,948	(2)	...	...	...	
East South														
Central.....	4	4	570	2,502	515	1,037	2,163	4,952	11,148	(2)	671	4,019	(D)	
West South														
Central.....	14	11	914	3,421	826	1,766	2,883	7,463	16,342	722	516	3,801	(D)	
Mountain.....	7	6	381	1,655	349	790	1,507	4,629	8,690	(2)	...	...	...	
Pacific.....	15	10	872	4,967	737	1,421	3,984	12,670	22,593	1,311	...	...	...	
Home service														
bakeries, total..	361	146	30,502	142,461	11,158	22,622	45,945	244,378	406,108	9,881	28,094	175,517	30,724	
New England....	45	20	3,736	16,230	1,609	3,261	6,040	26,807	46,255	541	4,438	27,921	4,464	
Massachusetts..	23	10	2,013	9,384	825	1,729	3,288	15,023	25,954	(2)	2,864	17,638	2,770	
Connecticut....	9	5	741	3,537	267	483	1,088	5,241	8,821	(2)	531	2,781	883	
Middle Atlantic..	155	56	10,422	46,342	3,752	7,670	15,525	86,258	147,974	4,464	11,666	67,513	12,824	
New York.....	43	15	5,379	25,976	1,832	3,660	8,275	50,055	80,451	3,215	4,410	31,343	4,325	
New Jersey....	31	4	306	1,011	174	315	558	1,542	3,364	(2)	2,244	9,848	1,306	
Pennsylvania...	81	37	4,737	19,355	1,746	3,695	6,692	34,661	64,159	1,183	5,011	36,322	7,193	
East North														
Central.....	62	28	7,071	32,642	2,283	4,608	9,290	54,976	87,318	2,570	4,981	32,058	7,384	
Ohio.....	23	12	3,609	16,604	1,127	2,311	4,451	26,933	43,890	1,417	3,023	20,246	4,207	
Indiana.....	6	3	1,099	4,964	251	443	1,184	7,445	11,373	710	...	...	...	
Illinois.....	14	5	355	1,681	199	413	741	3,938	6,233	(2)	196	1,397	361	
Michigan.....	13	5	974	4,526	386	787	1,718	9,297	14,313	(2)	1,056	6,975	735	
Wisconsin.....	6	3	1,034	4,867	320	654	1,196	7,363	11,509	(2)	...	...	...	

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- penditures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2051-06	Home service bakeries—Con. West North Central.....	10	4	1,993	9,622	571	1,162	2,578	14,103	22,038	811	1,553	10,117	1,553
	South Atlantic... Maryland..... West Virginia..	19	13	1,860	7,898	848	1,844	3,157	16,027	29,338	(2)	...	...	...
		5	5	827	3,713	464	1,024	1,840	8,929	15,952	...	777	6,266	1,236
		5	4	421	1,576	124	299	416	2,645	5,155	...	294	1,184	120
	East South Central.....	6	2	388	1,708	125	237	455	3,222	5,344	(2)	...	...	...
	West South Central.....	24	3	864	3,529	260	548	923	5,822	9,593	(2)	...	...	...
	Mountain.....	9	4	595	2,827	254	492	859	5,104	8,340	...	...	...	...
	Pacific.....	31	16	3,573	21,663	1,456	2,800	7,118	32,059	49,908	763	...	...	...
	California.....	17	10	3,044	19,414	1,209	2,380	6,081	27,943	43,286	737	2,408	18,656	1,147
	Retail multi-outlet bakeries, total...	247	119	14,065	51,331	9,032	18,453	35,092	92,353	179,590	5,067	11,813	61,805	426,802
	New England.....	24	10	755	2,270	444	965	1,603	3,619	7,259	(2)	1,227	4,634	(D)
	Massachusetts..	14	5	426	1,368	238	539	937	2,312	4,590	(2)	844	3,204	2,482
	Middle Atlantic..	52	30	5,391	20,194	3,907	8,048	14,334	36,986	79,872	2,565	3,159	21,953	8,597
	New York.....	20	10	3,276	13,234	2,345	4,830	8,868	24,819	51,139	2,302	2,225	16,719	4,604
	New Jersey.....	8	6	389	1,411	226	416	865	2,260	5,122	(2)	303	1,364	354
	Pennsylvania...	24	14	1,726	5,549	1,336	2,802	4,601	9,907	23,611	(2)	631	3,868	3,639
	East North Central.....	70	30	4,032	14,148	2,284	4,706	9,282	21,288	39,500	1,155	3,620	19,635	6,924
	Ohio.....	18	9	1,313	3,864	543	1,142	2,296	5,515	10,060	(2)	860	4,870	2,158
	Indiana.....	4	2	80	148	50	103	101	210	498	(2)	144	889	171
	Illinois.....	14	7	463	1,662	245	509	1,016	2,983	5,090	(2)	617	3,968	1,914
	Michigan.....	21	7	1,553	7,251	1,089	2,367	5,110	10,693	20,120	838	1,606	8,765	1,887
	Wisconsin.....	13	5	623	1,223	357	585	759	1,887	3,732	(2)	392	1,141	794
	West North Central.....	22	11	700	1,926	341	694	1,176	2,918	5,263	(2)	357	1,538	1,692
	Minnesota.....	7	2	138	390	69	130	234	817	1,388	(2)	725	1,200	814
	South Atlantic...	17	8	467	1,629	331	708	1,230	3,802	6,753	(2)	...	...	...
	Maryland.....	6	5	289	1,134	209	445	899	3,072	5,290	(2)	...	...	...
	East South Central.....	6	3	109	253	59	137	142	283	668	(2)	...	...	...
	West South Central.....	13	8	511	1,052	248	481	535	1,790	3,911	(2)	...	...	...
	Mountain.....	13	5	236	550	115	218	335	993	1,604	...	304	1,116	(D)
	Pacific.....	30	14	1,864	9,309	1,303	2,496	6,455	20,674	34,760	744	1,922	6,937	2,986
	2052	Biscuit and crackers, total...	334	203	44,333	179,390	34,207	68,331	122,444	522,490	980,780	15,502	(NA)	(NA)
Northeast.....		135	59	13,644	56,183	11,153	22,323	40,664	154,343	291,055	4,481	(NA)	(NA)	(NA)
North Central....		96	67	16,364	68,039	12,550	25,533	47,404	206,482	384,186	6,791	(NA)	(NA)	(NA)
South.....		67	52	9,547	35,043	6,709	12,954	20,602	98,605	188,395	2,809	(NA)	(NA)	(NA)
West.....		36	25	4,778	20,125	3,795	7,521	13,774	63,060	117,144	1,421	(NA)	(NA)	(NA)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. r Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2051, Wholesale Bakeries: New England—New Hampshire, 21 (500-999); Vermont, 15 (250-499); West North Central—North Dakota, 24 (500-999); South Dakota, 34 (500-999); Nebraska, 40 (1,580); South Atlantic—Delaware, 7 (100-249); District of Columbia, 18 (1,416); South Carolina, 25 (1,000-2,499); East South Central—Tennessee, 79 (4,428); Alabama, 50 (3,324); Mississippi, 39 (1,640); Mountain—Montana, 33 (500-999); Idaho, 21 (500-999); New Mexico, 26 (500-999); Utah, 34 (1,000-2,499); Nevada, 11 (100-249).

SIC 2051, Grocery Chain Bakeries: New England—Maine, 3 (250-499); New Hampshire, 1 (1-19); Rhode Island, 1 (250-499); Connecticut, 2 (250-499); West North Central—Minnesota, 4 (100-249); South Dakota, 1 (20-99); Nebraska, 1 (20-99); Kansas, 5 (100-249); South Atlantic—Delaware, 1 (1-19); District of Columbia, 2 (100-249); Virginia, 3 (250-499); West Virginia, 1 (1-19); North Carolina, 2 (250-499); South Carolina, 1 (20-99); Georgia, 2 (250-499); Florida, 5 (250-499); East South Central—Kentucky, 2 (250-499); Tennessee, 2 (100-249); West South Central—Arkansas, 1 (20-99); Louisiana, 2 (100-249); Oklahoma, 1 (1-19); Texas, 10 (500-999); Mountain—Idaho, 1 (1-19); Colorado, 3 (250-499); Arizona, 1 (20-99); Utah, 2 (20-99); Pacific—Washington, 1 (20-99); Oregon, 3 (20-99); California, 11 (500-999).

SIC 2051, Home Service Bakeries: New England—Maine, 3 (500-999); New Hampshire, 1 (100-249); Vermont, 2 (1-19); Rhode Island, 7 (100-249); West North Central—Minnesota, 4 (250-499); Iowa, 3 (20-99); Missouri, 2 (1,000-2,499); North Dakota, 2 (1-19); Nebraska, 2 (500-999); South Atlantic—Delaware, 2 (20-99); District of Columbia, 1 (1-19); Virginia, 1 (250-499); North Carolina, 2 (1-19); Georgia, 1 (100-249); Florida, 2 (20-99); East South Central—Kentucky, 4 (250-499); Tennessee, 1 (1-19); Alabama, 1 (1-19); West South Central—Arkansas, 5 (20-99); Louisiana, 8 (20-99); Oklahoma, 5 (100-249); Texas, 6 (500-999); Mountain—Montana, 1 (1-19); Colorado, 2 (250-499); New Mexico, 3 (20-99); Arizona, 2 (100-249); Nevada, 1 (20-99); Pacific—Washington, 8 (250-499); Oregon, 6 (100-249).

SIC 2051, Retail Multi-outlet Bakeries: New England—Rhode Island, 3 (20-99); Connecticut, 7 (250-499); West North Central—Iowa, 3 (20-99); Missouri, 9 (250-499); South Dakota, 1 (20-99); Nebraska, 1 (20-99); Kansas, 1 (1-19); South Atlantic—District of Columbia, 1 (20-99); West Virginia, 2 (1-19); North Carolina, 1 (20-99); Georgia, 5 (20-99); Florida, 2 (1-19); East South Central—Tennessee, 1 (1-19); Alabama, 2 (20-99); Mississippi, 3 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 4 (100-249); Oklahoma, 3 (100-249); Texas, 5 (100-249); Mountain—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 7 (100-249); New Mexico, 1 (1-19); Arizona, 3 (20-99); Pacific—Washington, 2 (100-249); Oregon, 6 (250-499); California, 22 (1,377).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>For 1958 and 1954, includes about 2,000 small establishments reporting on "short forms," some of which did not describe the method of distribution adequately. A review of the forms indicated that the great majority were wholesale bakeries. For 1958, this group comprised 2,004 establishments with 18,884 employees and \$119,800,000 adjusted value added.

<sup>4</sup>This subindustry as defined for 1947 included establishments of multi-unit enterprises with baking on the premises at each location; such establishments were classified in retail trade (SIC code 5462) for 1954. Therefore, the 1947 figures for "retail multi-outlet bakeries" are not closely comparable to the 1954 figures.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.--General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2052 (old 2052)	Biscuit and crackers (excluding establishments primarily making ice cream cones and cups), total...	299	180	42,983	174,599	33,190	66,424	119,526	505,618	953,744	15,164	44,763	408,254	46,058
	New England.....	11	6	1,489	5,964	1,259	2,485	4,278	11,961	23,684	223	1,601	13,819	2,028
	Middle Atlantic...	111	49	11,339	49,151	9,656	19,398	35,691	140,442	262,489	4,196	14,364	130,938	13,823
	New York.....	29	16	3,522	14,743	2,799	5,835	10,365	39,764	72,233	768	6,794	70,697	7,206
	New Jersey.....	18	7	3,421	15,181	2,834	5,781	10,697	34,983	70,479	1,306	2,860	17,017	...
	Pennsylvania....	64	26	4,896	19,227	4,023	7,782	14,629	65,695	119,777	2,122	4,710	43,223	5,487
	East North Central	55	38	11,656	50,187	9,182	18,687	36,028	153,904	287,368	5,634	13,292	125,918	11,723
	Ohio.....	14	10	2,791	12,298	2,285	4,736	9,256	35,865	71,604	718	3,128	31,447	3,028
	Illinois.....	16	12	5,996	27,164	4,723	9,697	19,840	95,648	166,375	3,686	7,251	76,088	4,663
	Michigan.....	14	9	1,572	5,804	1,236	2,276	4,025	13,363	30,031	838	1,658	11,675	2,055
	West North Central	31	20	4,137	15,797	2,916	6,006	10,003	40,938	81,298	1,047	4,144	33,842	5,950
	Minnesota.....	5	3	458	1,716	280	497	862	3,504	5,894	62	497	3,547	954
	Missouri.....	14	9	1,089	4,176	818	1,701	2,784	12,322	24,342	414	1,127	9,749	2,711
	South Atlantic...	20	16	5,278	20,577	3,709	7,127	11,847	59,686	107,678	1,728	3,417	29,620	3,442
	Maryland.....	5	3	490	1,612	303	586	832	2,006	4,471	98	712	2,445	979
	Georgia.....	5	4	1,967	7,423	1,718	3,201	6,046	33,625	59,591	716	1,605	21,619	...
	East South Central	18	13	1,602	5,530	1,001	2,047	3,051	10,589	27,921	460	1,083	4,120	1,770
	Tennessee.....	10	7	1,096	3,767	619	1,212	1,793	6,797	15,928	186	542	2,158	860
	West South Central	22	17	2,339	7,713	1,770	3,339	5,149	26,266	48,544	537	1,838	19,208	2,271
	Texas.....	11	9	1,554	5,197	1,192	2,228	3,841	20,263	36,077	406	1,396	16,804	1,310
	Mountain.....	7	4	1,191	4,671	965	1,938	3,551	12,548	25,230	110	1,200	9,636	(D)
	Pacific.....	24	17	3,452	15,009	2,732	5,397	9,928	49,284	89,532	1,229	3,821	41,150	3,889
	California.....	16	11	2,331	10,347	1,824	3,652	6,462	30,038	57,471	1,079	2,626	27,239	2,879

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2052, Biscuit and Crackers: New England—Massachusetts, 9 (1,000-2,499); Rhode Island, 1 (20-99); Connecticut, 1 (1-19); East North Central—Indiana, 6 (250-499); Wisconsin, 5 (500-999); West North Central—Iowa, 6 (500-999); North Dakota, 1 (100-249); South Dakota, 1 (250-499); Nebraska, 1 (500-999); Kansas, 2 (500-999); South Atlantic—Virginia, 2 (500-999); North Carolina, 4 (1,952); Florida, 4 (100-249); East South Central—Kentucky, 3 (100-249); Alabama, 4 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 2 (100-249); Louisiana, 6 (500-999); Oklahoma, 3 (20-99); Mountain—Colorado, 3 (500-999); Arizona, 3 (20-99); Utah, 1 (250-499); Pacific—Washington, 4 (250-499); Oregon, 4 (500-999).



Table 2B.—Delivery Operations of Manufacturing Bakeries (SIC 2051),  
by Subindustry, State, and Region: 1958

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery <sup>3</sup> (\$1,000)	Number of delivery routes <sup>4</sup>			
	Total sub- industry	Reporting panel	Total sub- industry	Reporting panel	Number <sup>1</sup>	Payroll <sup>2</sup> (\$1,000)		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	WHOLESALE BAKERIES										
United States, total....	5,199	1,793	193,527	159,159	58,329	332,019	9,790	3,368	1,493	39,168	5,816
New England.....	471	141	12,489	9,902	3,539	19,334	526	428	355	2,246	520
Maine.....	36	10	1,034	864	286	1,738	( <sup>5</sup> )	14	...	209	14
Massachusetts.....	237	73	6,551	5,292	2,042	10,564	330	278	136	1,227	414
Rhode Island.....	56	15	1,643	1,400	586	3,599	( <sup>5</sup> )	112	110	351	9
Connecticut.....	106	31	2,356	1,554	328	1,856	( <sup>5</sup> )	24	89	257	35
Middle Atlantic.....	1,332	396	43,375	34,417	11,891	68,751	2,168	1,311	550	7,507	1,436
New York.....	654	197	22,018	17,160	5,707	33,253	1,323	174	109	4,105	752
New Jersey.....	220	66	6,405	5,262	1,938	11,062	( <sup>5</sup> )	304	73	1,089	125
Pennsylvania.....	458	133	14,952	11,995	4,246	24,436	803	833	368	2,313	559
East North Central.....	1,082	372	41,497	33,115	12,102	73,008	1,831	488	309	8,077	1,038
Ohio.....	284	96	11,914	9,454	3,792	22,671	845	166	140	2,286	125
Indiana.....	139	54	4,534	3,735	1,377	7,868	( <sup>5</sup> )	39	56	911	120
Illinois.....	319	112	13,642	10,771	3,592	22,752	419	173	42	2,532	440
Michigan.....	220	67	7,244	5,688	2,255	13,343	170	46	59	1,657	283
Wisconsin.....	120	43	4,163	3,467	1,086	6,374	331	64	12	691	70
West North Central.....	468	164	16,666	13,913	5,443	30,312	293	185	58	3,572	404
Minnesota.....	100	36	3,329	2,621	958	5,379	( <sup>5</sup> )	85	23	608	10
Iowa.....	84	27	3,136	2,749	1,085	6,157	122	20	2	658	5
Missouri.....	125	49	5,540	4,853	1,918	11,079	109	37	...	1,355	344
Kansas.....	61	28	1,944	1,568	617	3,250	( <sup>5</sup> )	8	33	406	39
South Atlantic.....	507	219	26,137	22,861	8,437	42,053	1,341	193	60	5,867	507
Maryland.....	72	28	2,857	2,515	903	4,953	( <sup>5</sup> )	35	14	647	97
Virginia.....	69	35	3,427	2,937	1,083	5,204	109	18	...	748	27
West Virginia.....	55	32	2,403	2,261	785	4,064	( <sup>5</sup> )	15	22	546	30
North Carolina.....	89	49	5,306	4,882	1,912	8,251	203	94	1	1,350	24
Georgia.....	62	26	4,126	3,747	1,248	6,065	291	4	5	847	122
Florida.....	110	32	4,709	3,928	1,514	8,060	633	19	18	1,036	182
East South Central.....	207	100	11,365	9,884	3,631	17,294	611	134	20	2,434	610
Kentucky.....	39	22	1,973	1,864	662	3,643	( <sup>5</sup> )	...	2	486	76
West South Central.....	418	148	16,292	13,997	5,571	30,271	370	59	22	3,868	307
Arkansas.....	37	14	1,349	1,214	500	2,458	( <sup>5</sup> )	2	...	331	108
Louisiana.....	81	23	3,622	2,827	1,196	6,383	( <sup>5</sup> )	...	16	839	73
Oklahoma.....	82	23	2,212	1,865	791	4,413	...	7	2	545	9
Texas.....	218	88	9,109	8,091	3,084	17,017	343	50	4	2,153	117
Mountain.....	239	82	5,941	4,640	1,558	8,601	310	41	17	1,022	298
Colorado.....	55	21	1,648	1,326	468	2,602	226	7	9	335	86
Arizona.....	37	8	926	716	272	1,733	( <sup>5</sup> )	2	...	184	92
Pacific.....	475	171	19,766	16,430	6,157	42,395	2,340	529	102	4,575	696
Washington.....	86	33	2,766	2,422	890	4,856	( <sup>5</sup> )	5	37	620	104
Oregon.....	44	20	1,647	1,509	544	3,641	( <sup>5</sup> )	9	1	397	76
California.....	345	118	15,353	12,499	4,723	33,898	2,244	515	64	3,558	516
	GROCERY CHAIN BAKERIES <sup>6</sup>										
	HOME SERVICE BAKERIES										
United States, total....	361	194	30,502	29,414	14,692	78,076	760	9,112	1,145	1,632	89
New England.....	45	28	3,736	3,650	1,670	8,093	...	1,160	255	130	18
Massachusetts.....	23	15	2,013	1,969	1,044	4,957	...	785	18	70	6
Middle Atlantic.....	155	76	10,422	9,887	4,309	21,534	( <sup>5</sup> )	2,035	110	1,303	31
New York.....	43	18	5,379	5,284	2,051	10,905	( <sup>5</sup> )	636	14	1,063	...
New Jersey.....	31	10	306	208	43	191	...	35	...	2	...
Pennsylvania.....	81	48	4,737	4,395	2,215	10,438	( <sup>5</sup> )	1,364	96	238	31

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2B.-Delivery Operations of Manufacturing Bakeries (SIC 2051),  
by Subindustry, State, and Region: 1958-Continued

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery <sup>3</sup> (\$1,000)	Number of delivery routes <sup>4</sup>			
	Total sub- industry	Reporting panel	Total sub- industry	Reporting panel	Number <sup>1</sup>	Payroll <sup>2</sup> (\$1,000)		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	HOME SERVICE BAKERIES--Continued										
East North Central.....	62	32	7,071	6,921	3,888	19,996	444	2,689	102	37	36
Ohio.....	23	13	3,609	3,548	1,983	10,670	( <sup>5</sup> )	1,438	78	30	...
Illinois.....	14	6	355	325	155	765	( <sup>5</sup> )	120	9	3	21
West North Central.....	10	5	1,993	1,969	1,238	6,260	...	645	205	19	...
South Atlantic.....	19	11	1,860	1,704	698	3,655	188	505	22	65	...
East and West South Central.	30	15	1,252	1,184	700	3,190	( <sup>5</sup> )	439	71	29	...
West.....	40	27	4,168	4,103	2,189	14,348	( <sup>5</sup> )	1,639	380	49	4
California.....	17	12	3,044	3,023	1,536	11,878	( <sup>5</sup> )	1,251	...	1	...
	RETAIL MULTI-OUTLET BAKERIES										
United States, total.....	247	135	14,065	11,272	917	4,347	179	232	128	287	53
Northeast.....	76	44	6,146	4,406	464	2,163	( <sup>5</sup> )	91	5	157	...
Massachusetts.....	14	8	426	253	20	69	6	1	...	14	...
New York.....	20	11	3,276	3,104	310	1,473	2	56	...	106	1
North Central.....	92	48	4,732	4,145	240	1,133	( <sup>5</sup> )	29	118	79	8
Ohio.....	18	9	1,313	1,174	43	176	37	2	4	26	2
Michigan.....	21	13	1,553	1,484	126	659	27	3	114	7	5
Wisconsin.....	13	6	623	541	16	46	5	1	...	9	...
South and West.....	79	43	3,187	2,721	213	1,051	( <sup>5</sup> )	112	...	61	44

<sup>1</sup>Employees engaged in delivering products from the central bakery to retail and wholesale distributors, to a company's own stores, or to household consumers. The figure includes route-salesmen, highway truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

<sup>2</sup>Includes wages, salaries, bonuses, commissions, and other remuneration to delivery personnel before deductions.

<sup>3</sup>Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished, and any other contract costs related to delivery of products of the plant.

<sup>4</sup>All routes operated from the plant, whether serviced by driver salesmen of the plant or by independent vendors, subdealers or peddlers. Wholesale routes are those chiefly servicing retail stores (grocery, bakery products, dairy products, etc.) including those operated by the company; hotels and restaurants; institutions such as hospitals, schools, etc. Retail routes are those chiefly servicing households.

Mixed wholesale and retail routes were classified either wholesale or retail depending on the relative importance of wholesale and retail sales. Split routes, by which a truck and salesman serviced different areas on alternate days, were classified as single routes.

<sup>5</sup>Less than \$100 thousand.

<sup>6</sup>Comparable information not available (see text).



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Bread and related products (SIC 2051)					Biscuit and crackers (SIC 2052)
	Total	Wholesale Bakeries (2051-02)	Grocery Chain Bakeries (2051-03)	Home Service Bakeries (2051-04)	Retail Multi-outlet Bakeries (2051-06)	
Primary product specialization ratio <sup>1</sup> .....	98	(NA)	(NA)	(NA)	(NA)	97
Coverage ratio <sup>2</sup> .....	99	(NA)	(NA)	(NA)	(NA)	94
Number of establishments, total.....	5,985	5,199	178	361	247	334
With 1-19 employees.....	3,836	3,443	50	215	128	131
With 20-99 employees.....	1,441	1,204	63	77	97	115
With 100 employees or more.....	708	552	65	69	22	88
Proprietors and working partners.....Number..	5,242	2,441	54	330	219	137
All employees:						
Number (average for the year).....	256,963	193,527	18,869	30,502	14,065	44,333
Payroll.....\$1,000..	1,154,240	873,317	87,131	142,461	51,331	179,390
Production workers:						
Number (average for the year).....	145,393	108,742	16,461	11,158	9,032	34,207
March.....	142,365	106,235	16,099	10,945	9,086	34,123
May.....	145,349	108,924	16,382	10,978	9,065	34,419
August.....	146,731	109,450	16,915	11,491	8,875	34,607
November.....	147,127	110,359	16,448	11,218	9,102	33,813
Man-hours.....1,000..	290,460	216,395	32,990	22,622	18,453	68,331
January-March.....do....	69,856	51,755	7,997	5,526	4,578	17,080
April-June.....do....	72,905	54,603	8,122	5,603	4,577	17,344
July-September.....do....	72,760	54,156	8,313	5,811	4,480	17,109
October-December.....do....	74,939	55,881	8,558	5,682	4,818	16,729
Wages.....\$1,000..	572,636	418,084	73,515	45,945	35,092	122,444
Cost of materials, etc., total.....do....	1,989,023	1,525,907	214,051	161,715	87,350	455,829
Materials, parts, containers, and supplies consumed.....do....	1,635,569	1,233,819	201,294	132,953	67,503	419,168
Cost of resales.....do....	297,190	246,229	8,397	24,854	17,710	28,907
Fuels consumed.....do....	36,597	30,462	2,631	2,296	1,208	4,837
Electricity purchased.....do....	17,047	13,136	1,678	1,382	851	2,891
Contract work.....do....	2,620	2,261	51	230	78	26
Value of shipments (including resales), total.....do....	4,098,612	3,130,415	382,499	406,108	179,590	980,780
Value of resales.....do....	399,139	322,765	10,558	42,171	23,645	37,017
Value added by manufacture, adjusted.....do....	2,110,820	1,605,289	168,800	244,378	92,353	522,490
Manufacturers' inventories:						
Beginning of year, total.....do....	144,670	109,148	16,520	13,225	5,777	58,841
Finished products.....do....	7,158	4,975	768	501	914	22,945
Work-in-process.....do....	1,395	1,077	129	40	149	2,788
Materials, supplies, fuel, etc.....do....	136,117	103,096	15,623	12,684	4,714	33,108
End of year, total.....do....	143,358	108,090	15,945	13,158	6,165	58,351
Finished products.....do....	8,222	5,599	1,160	464	999	20,541
Work-in-process.....do....	1,562	1,238	89	48	187	2,731
Materials, supplies, fuel, etc.....do....	133,574	101,253	14,696	12,646	4,979	35,079
Expenditures for plant and equipment, total.....do....	102,400	79,183	7,510	10,244	5,463	16,034
New, total.....do....	99,240	76,821	7,482	9,881	5,067	15,502
New structures and additions to plant.....do....	24,311	19,998	( <sup>3</sup> )	1,964	2,205	2,798
New machinery and equipment.....do....	74,929	56,823	7,327	7,917	2,862	12,704
Used plant and equipment.....do....	3,160	2,362	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Less than \$500 thousand.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2051	Bread and related products:											
	Number of establishments.....	5,985	1,689	1,089	1,058	897	544	523	142	34	8	1
	All employees:											
	Number.....	256,963	3,896	7,348	14,505	27,762	39,024	81,524	46,547	23,828	<u>12,529</u>	(D)
	Payroll.....\$1,000....	1,154,240	9,849	20,077	44,437	99,307	172,515	396,906	229,230	123,659	<u>58,260</u>	(D)
	Value added, adjusted..do....	2,110,820	21,785	37,572	77,898	183,686	323,312	737,124	425,269	205,216	<u>98,958</u>	(D)
	Value of shipments.....do....	4,098,612	54,878	79,287	156,047	351,157	637,467	1,441,938	829,664	375,423	<u>172,751</u>	(D)
	Capital expend., new...do....	99,240	5,432	3,154	4,731	8,336	13,894	32,646	17,812	6,298	<u>6,937</u>	(D)
2051-02	Wholesale bakeries: <sup>1</sup>											
	Number of establishments.....	5,199	1,561	974	908	742	462	431	100	17	4	...
	All employees:											
	Number.....	193,527	3,611	6,566	12,450	22,907	33,031	66,998	32,227	15,737	(D)	...
	Payroll.....\$1,000....	873,317	9,071	17,961	38,511	83,076	149,341	331,721	161,784	81,852	(D)	...
	Value added, adjusted..do....	1,605,289	19,888	33,930	68,366	152,687	274,388	618,953	301,284	135,793	(D)	...
	Value of shipments.....do....	3,130,415	50,769	71,354	136,782	292,877	542,203	1,209,766	581,148	245,516	(D)	...
	Capital expend., new...do....	76,821	5,311	2,990	4,370	7,436	11,901	27,507	13,616	3,690	(D)	...
2051-03	Grocery chain bakeries:											
	Number of establishments.....	178	24	14	12	31	32	42	20	3	...	...
	All employees:											
	Number.....	18,869	59	96	165	1,035	2,366	6,689	8,459	(D)	...	...
	Payroll.....\$1,000....	87,131	203	265	570	4,486	9,787	31,169	40,651	(D)	...	...
	Value added, adjusted..do....	168,800	444	457	944	10,566	24,762	58,898	72,729	(D)	...	...
	Value of shipments.....do....	382,499	1,033	1,089	1,972	20,795	49,940	134,310	173,360	(D)	...	...
	Capital expend., new...do....	7,471	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,042	3,217	2,908	(D)	...	...
2051-04	Home service bakeries:											
	Number of establishments.....	361	90	65	60	53	24	37	19	9	3	1
	All employees:											
	Number.....	30,502	187	420	783	1,607	1,753	6,012	6,217	7,061	<u>6,462</u>	(D)
	Payroll.....\$1,000....	142,461	470	1,104	2,258	5,219	7,211	28,018	30,541	37,749	<u>29,891</u>	(D)
	Value added, adjusted..do....	244,378	1,223	1,911	3,598	10,274	12,440	47,015	60,249	55,842	<u>51,826</u>	(D)
	Value of shipments.....do....	406,108	2,653	4,245	7,873	18,319	22,847	77,143	101,790	87,163	<u>84,075</u>	(D)
	Capital expend., new...do....	9,881	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	535	1,567	1,395	2,341	<u>3,519</u>	(D)
2051-06	Retail multi-outlet bakeries:											
	Number of establishments.....	247	14	36	78	71	26	13	3	5	1	...
	All employees:											
	Number.....	14,065	39	266	1,107	2,213	1,874	1,825	6,741	(D)	(D)	...
	Payroll.....\$1,000....	51,331	105	747	3,098	6,526	6,176	5,998	28,681	(D)	(D)	...
	Value added, adjusted..do....	92,353	230	1,274	4,990	10,159	11,722	12,262	51,716	(D)	(D)	...
	Value of shipments.....do....	179,590	423	2,599	9,420	19,166	22,477	20,719	104,786	(D)	(D)	...
	Capital expend., new...do....	5,067	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3,578	(D)	(D)	...
2052	Biscuit and crackers:											
	Number of establishments.....	334	45	36	50	72	43	38	23	21	5	1
	All employees:											
	Number.....	44,333	108	246	711	2,237	3,128	6,012	7,673	14,789	<u>9,429</u>	(D)
	Payroll.....\$1,000....	179,390	272	681	2,299	8,048	11,790	22,920	28,681	64,216	<u>40,483</u>	(D)
	Value added, adjusted..do....	522,490	679	1,388	4,137	18,433	28,919	54,784	66,543	196,983	<u>150,624</u>	(D)
	Value of shipments.....do....	980,780	1,412	3,110	8,729	38,112	57,181	120,024	132,453	365,320	<u>254,439</u>	(D)
	Capital expend., new...do....	15,502	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,046	818	2,098	1,958	6,018	<u>3,228</u>	(D)

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes small establishments reporting on "short forms," some of which did not describe the method of distribution adequately. A review of the forms indicated that the great majority were wholesale bakeries. This group comprised 2,004 establishments with 18,884 employees and \$119,800 thousand adjusted value added.

<sup>2</sup>Less than \$500 thousand.



Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2051	Bread and related products.....1958..	4,098,612	3,561,477	68,069	469,066	98	3,578,968	3,561,477	17,491	99
	1954..	3,345,200	2,994,658	54,128	296,414	98	3,012,109	2,994,658	17,451	99
2052	Biscuit and crackers <sup>3</sup> .....1958..	980,780	911,711	30,919	38,150	97	964,995	911,711	53,284	94
	1954..	806,753	735,301	20,895	50,557	97	786,851	735,301	51,550	93

r Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>1958 and 1954 figures are not completely comparable since 1958 includes ice cream cones and cups as primary products whereas they were part of Industry 2099 in 1954. See text and tables 1, 2 and 2A.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Bread and related products total (SIC 2051)	Wholesale bakeries (2051-02)	Grocery chain bakeries (2051-03)	Home service bakeries (2051-04)	Retail multi-outlet bakeries (2051-06)	Biscuit and crackers (SIC 2052)	Other industries <sup>1</sup>	All industries
	Value of shipments.....	4,098,612	3,130,415	382,499	406,108	179,590	980,780	xxx	xxx
	Bakery products, total.....	3,602,006	2,737,854	360,059	359,697	144,396	919,557	22,395	
	Products primary to Industry 2051, bread and related products, total.....	3,561,477	2,718,272	350,409	351,207	141,589	7,846	9,645	3,578,968
20511	Bread and bread-type rolls.....	<sup>2</sup> 2,220,959	<sup>2</sup> 1,762,171	212,018	213,021	33,749	(4)	(4)	2,220,959
20512	Sweet yeast goods.....	<sup>2</sup> 295,457	<sup>2</sup> 174,616	38,191	52,454	30,196	(4)	(4)	295,457
20513	Soft cakes.....	<sup>2</sup> 413,325	<sup>2</sup> 276,745	53,822	49,746	33,012	(4)	(4)	413,325
20514	Pies.....	<sup>2</sup> 201,472	<sup>2</sup> 148,776	24,183	13,122	15,391	(4)	(4)	201,472
20515	Pastries and handmade cookies.....	<sup>2</sup> 62,960	<sup>2</sup> 47,311	3,239	4,688	7,722	(4)	(4)	62,960
20517	Doughnuts, cake type.....	<sup>2</sup> 125,151	<sup>2</sup> 87,245	15,996	13,718	8,192	(4)	(4)	125,151
20510	Bread and related products, nsk.....	<sup>2</sup> 259,644	<sup>2</sup> 238,899	2,960	4,458	13,327	(4)	(4)	259,644
	Products primary to Industry 2052, biscuit and crackers, total.....	40,529	19,582	9,650	8,490	2,807	911,711	12,755	964,995
20521	Biscuit, crackers, and pretzels.....	3,759	2,576	(D)	(D)	(D)	343,852	2,175	349,786
20522	Other "dry" bakery products (including machine-made cookies, and ice cream cones)...	36,319	16,605	8,497	8,477	2,740	557,895	7,579	601,793
20520	Biscuit, crackers and pretzels, nsk.....	451	401	(D)	(D)	(D)	9,964	3,001	13,416
	Secondary products (not primary to industry group 205).....	27,540	12,194	11,022	147	4,177	23,073	xxx	xxx
	Miscellaneous receipts, including resales.....	<sup>2</sup> 469,066	380,367	11,418	46,264	31,017	38,150	xxx	xxx
	Resales.....	399,139	322,765	10,558	42,171	23,645	37,017	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. r Revised.

<sup>1</sup>Excludes Retail Bakeries (SIC 5462)

<sup>2</sup>Total is less than sum of detail, since detail includes figures withheld for industries other than 2051 to avoid disclosing operations of individual companies.

<sup>3</sup>Includes shipments from establishments in manufacturing industries other than 2051.

<sup>4</sup>Included with 2051, Wholesale Bakeries, to avoid disclosing figures for individual companies.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
	ALL MANUFACTURERS (EXCEPT RETAIL BAKERIES) <sup>1</sup>	(1,000 pounds baked weight)	(\$1,000)	(1,000 pounds baked weight)	(\$1,000)
2051---	Bread and other bakery products, total.....	xxx	3,578,968	xxx	3,012,109
20511--	Bread and bread-type rolls.....	xxx	2,220,959	xxx	2,009,216
2051111	White, pan.....	8,289,688	1,323,085	8,614,290	1,295,141
2051113	White, hearth.....	237,897	44,235	252,820	38,956
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	688,648	124,685	996,029	159,388
2051117	Rye, including pumpernickel.....	494,250	90,937	620,278	100,203
	Specialty breads:				
2051121	Raisin.....	161,220	35,088	327,975	57,603
2051129	Other specialty breads (diet, protein, buttermilk, etc.).....	469,092	90,289		
	Rolls, bread-type, including brown and serve rolls:				
2051133	Hamburger and wiener rolls.....	1,450,007	335,356	1,501,624	302,398
2051139	Other bread-type rolls (kaiser, parkerhouse, etc.).....	203,303	50,717		
2051198	Other bread and other bread-type rolls.....	xxx	1,449	xxx	2,661
2051100	Bread and bread-type rolls, not specified by kind.....	xxx	125,118	xxx	52,866
20512--	Sweet yeast goods, all types.....	xxx	295,457	xxx	233,923
2051213	Yeast-raised doughnuts.....	251,242	91,242	630,842	233,923
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	469,205	179,952		
2051200	Sweet yeast goods, not specified by kind.....	xxx	24,263		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	1,076,300	413,325	1,055,031	372,385
2051411	Pies.....	691,210	201,472	724,137	185,906
20515--	Pastries and handmade cookies.....	xxx	62,960	xxx	54,248
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	39,912	xxx	30,029
2051541	Cookies, all types of hard and soft sweetened cookies and wafers (handmade).....	62,668	23,048	65,288	24,219
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	355,168	125,151	375,929	113,269
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2051000	Bread and other bakery products, not specified by kind.....	xxx	259,644	xxx	43,162
	WHOLESALE BAKERIES <sup>2</sup>				
2051---	Bread and other bakery products, total.....	xxx	2,735,763	xxx	(NA)
20511--	Bread and bread-type rolls.....	xxx	1,762,171	xxx	1,652,263
2051111	White, pan.....	6,536,376	1,045,509	7,016,880	1,065,827
2051113	White, hearth.....	202,693	37,330	204,407	31,226
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	513,765	93,036	805,686	130,019
2051117	Rye, including pumpernickel.....	372,920	69,380	502,275	81,182
	Specialty breads:				
2051121	Raisin.....	106,600	22,836	216,339	37,740
2051129	Other specialty breads (diet, protein, buttermilk, etc.).....	359,662	68,164		
	Rolls, bread-type, including brown and serve rolls:				
2051133	Hamburger and wiener rolls.....	1,243,506	285,868	1,293,097	257,790
2051139	Other bread-type rolls (kaiser, parkerhouse, etc.).....	166,701	39,752		
2051198	Other bread and other bread-type rolls.....	xxx	1,303	xxx	2,337
2051100	Bread and bread-type rolls, not specified by kind.....	xxx	98,993	xxx	46,142
20512--	Sweet yeast goods, all types.....	xxx	174,616	xxx	148,374
2051213	Yeast-raised doughnuts.....	161,489	54,796	400,282	148,374
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	285,709	99,912		
2051200	Sweet yeast goods, not specified by kind.....	xxx	19,908		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	753,328	276,745	786,553	269,876
2051411	Pies.....	529,659	148,776	597,823	150,500
20515--	Pastries and handmade cookies.....	xxx	47,311	xxx	39,007
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	31,266	xxx	19,741
2051541	Cookies, all types of hard and soft sweetened cookies and wafers (handmade).....	44,396	16,045	53,121	19,266
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	238,271	87,245	266,100	82,230
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2051000	Bread and other bakery products, not specified by kind.....	xxx	238,899	xxx	(NA)

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
		(1,000 pounds baked weight)	(\$1,000)	(1,000 pounds baked weight)	(\$1,000)
GROCERY CHAIN BAKERIES					
2051---	Bread and other bakery products, total.....	xxx	350,409	xxx	(NA)
20511--	Bread and bread-type rolls.....	xxx	212,018	xxx	140,081
2051111	White, pan.....	924,719	123,401	762,141	87,209
2051113	White, hearth.....	15,621	2,461	12,858	1,856
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	89,167	13,250	90,630	11,864
2051117	Rye, including pumpernickel.....	66,392	10,454	51,296	6,923
	Specialty breads:				
2051121	Raisin.....	35,262	7,059	65,708	10,487
2051129	Other specialty breads (diet, protein, buttermilk, etc.).....	52,937	10,107		
	Rolls, bread type, including brown and serve rolls:				
2051133	Hamburger and wiener rolls.....	149,111	34,238	103,232	21,147
2051139	Other bread-type rolls (kaiser, parkerhouse, etc.).....	11,214	3,465		
2051198	Other bread and other bread-type rolls.....	xxx	36	xxx	26
2051100	Bread and bread-type rolls, not specified by kind.....	xxx	7,547	xxx	569
20512--	Sweet yeast goods, all types.....	xxx	38,191	84,062	24,323
2051213	Yeast-raised doughnuts.....	34,544	10,303	84,062	24,323
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	69,219	26,984		
2051200	Sweet yeast goods, not specified by kind.....	xxx	904		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	162,931	53,822	133,516	40,535
2051411	Pies.....	90,921	24,183	46,628	12,397
20515--	Pastries and handmade cookies.....	xxx	3,239	xxx	1,484
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	1,103	xxx	646
2051541	Cookies, all types of hard and soft sweetened cookies and wafers (handmade).....	6,943	2,136	2,901	838
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	71,733	15,996	65,650	13,488
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2051000	Bread and other bakery products, not specified by kind.....	xxx	2,960	xxx	(NA)
HOME SERVICE BAKERIES					
2051---	Bread and other bakery products, total.....	xxx	351,207	xxx	(NA)
20511--	Bread and bread-type rolls.....	xxx	213,021	xxx	182,036
2051111	White, pan.....	765,900	142,344	745,934	129,672
2051113	White, hearth.....	14,220	3,272	25,224	4,162
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	27,537	15,309	80,868	14,862
2051117	Rye, including pumpernickel.....	40,616	8,033	43,668	8,024
	Specialty breads:				
2051121	Raisin.....	15,349	4,170	32,829	7,113
2051129	Other specialty breads (diet, protein, buttermilk, etc.).....	47,060	9,927		
	Rolls, bread-type, including brown and serve rolls:				
2051133	Hamburger and wiener rolls.....	45,334	12,070	65,168	14,452
2051139	Other bread-type rolls (kaiser, parkerhouse, etc.).....	11,384	3,435		
2051198	Other bread and other bread-type rolls.....	xxx	110	xxx	297
2051100	Bread and bread-type rolls, not specified by kind.....	xxx	14,351	xxx	3,454
20512--	Sweet yeast goods, all types.....	xxx	52,454	xxx	36,326
2051213	Yeast-raised doughnuts.....	39,292	18,581	83,001	36,326
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	68,483	31,776		
2051200	Sweet yeast goods, not specified by kind.....	xxx	2,097		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	100,487	49,746	77,499	37,209
2051411	Pies.....	33,399	13,122	34,352	12,245
20515--	Pastries and handmade cookies.....	xxx	4,688	xxx	5,678
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	3,579	xxx	4,172
2051541	Cookies, all types of hard and soft sweetened cookies and wafers (handmade).....	2,403	1,109	3,478	1,506
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	29,230	13,718	25,023	10,976
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2051000	Bread and other bakery products, not specified by kind.....	xxx	4,458	xxx	(NA)

See footnotes at end of table.

**Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued**

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
	RETAIL MULTI-OUTLET BAKERIES	(1,000 pounds baked weight)	(\$1,000)	(1,000 pounds baked weight)	(\$1,000)
2051---	Bread and other bakery products, total.....	xxx	141,589	xxx	(NA)
20511--	Bread and bread-type rolls.....	xxx	33,749	xxx	34,836
2051111	White, pan.....	62,693	11,831	89,335	12,433
2051113	White, hearth.....	5,363	1,172	10,331	1,712
2051115	Whole wheat, cracked wheat, and other dark wheat breads.....	13,179	3,090	18,845	2,643
2051117	Rye, including pumpernickel.....	14,322	3,070	23,039	4,074
	Specialty breads:				
2051121	Raisin.....	4,009	1,023	} 13,099	2,263
2051129	Other specialty breads (diet, protein, buttermilk, etc.).....	9,433	2,091		
	Rolls, bread-type, including brown and serve rolls:				
2051133	Hamburger and wiener rolls.....	12,056	3,180	} 40,127	9,009
2051139	Other bread-type rolls (kaiser, parkerhouse, etc.).....	14,004	4,065		
2051198	Other bread and other bread-type rolls.....	...	...	...	...
2051100	Bread and bread-type rolls, not specified by kind.....	xxx	4,227	xxx	2,702
20512--	Sweet yeast goods, all types.....	xxx	30,196	xxx	24,900
2051213	Yeast-raised doughnuts.....	15,917	7,562	} 63,497	24,900
2051298	All other types of sweet yeast goods, including sweet rolls and coffee cake.	45,794	21,280		
2051200	Sweet yeast goods, not specified by kind.....	xxx	1,354		
2051311	Soft cakes, all types, including pound, layer, fruit, etc.....	59,554	33,012	57,463	24,765
2051411	Pies.....	37,231	15,391	45,334	10,764
20515--	Pastries and handmade cookies.....	xxx	7,722	xxx	8,079
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	xxx	3,964	xxx	5,470
2051541	Cookies, all types of hard and soft sweetened cookies and wafers (handmade).	8,926	3,758	5,787	2,609
		(1,000 dozen)		(1,000 dozen)	
2051711	Doughnuts, cake type (baking powder leavened).....	15,934	8,192	19,048	6,575
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2051000	Bread and other bakery products, not specified by kind.....	xxx	13,327	xxx	(NA)
	ALL MANUFACTURERS (EXCEPT RETAIL BAKERIES)				
2052---	Biscuit, crackers, and pretzels, total.....	xxx	964,995	xxx	804,815
20521--	Biscuit, crackers, and pretzels.....	1,172,829	349,786	1,210,445	320,139
2052131	Crackers, sponge, grahams, sprayed varieties, and low-sugar content biscuit.	1,053,109	313,131	1,122,225	294,417
2052151	Pretzels.....	119,720	36,655	88,220	25,722
20522--	Other "dry" bakery products (including machine-made cookies and ice cream cones).....	xxx	601,793	xxx	483,207
2052211	Cookies, all types of hard and soft sweetened cookies and wafers (machine- made).....	1,719,535	574,125	1,389,111	465,243
		(1,000)		(1,000)	
2052231	Ice cream cones and cups <sup>3</sup> .....	3,656,832	27,668	2,970,696	17,964
		(1,000 pounds baked weight)		(1,000 pounds baked weight)	
2052000	Biscuit, crackers, and pretzels, not specified by kind.....	xxx	13,416	xxx	1,469

Note: Before comparing 1958 and 1954 for specific products, the quantity and value should be adjusted upward to allow for the amounts reported as "not specified by kind." Thus, in the first section of the table, white pan bread, product code 2051111, the adjustment would result in an estimated quantity and value about 14 percent higher for 1958 and 4 percent higher for 1954.

NA Not available.

<sup>1</sup>Comparable statistics for all commercial bakeries, including retail bakeries, will appear in a supplemental report.

<sup>2</sup>Includes establishments classified in industries other than 2051 for which 1958 product detail could not be shown separately without disclosing figures for individual companies. Total value of bakery products shipped by such establishments was \$17,491 thousand in 1958 and \$17,451 thousand in 1954.

<sup>3</sup>In 1954 code 2052231 was classified in Industry 2099 as code 2099731.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954
<b>Bread and bread-type rolls</b> (20511):			<b>Sweet yeast goods (20512):</b>			<b>Soft cakes (20513)--</b> Continued		
United States, total:			United States, total:			Middle Atlantic.....		
1958.....	2,220,959		1958.....	295,457		New York.....	67,604	54,299
1957.....	2,310,283		1957.....	272,231		New Jersey.....	18,319	16,326
1956.....	2,224,065		1956.....	265,580		Pennsylvania.....	54,126	50,582
1955.....	2,134,778		1955.....	242,942		East North Central.....	84,433	77,136
1954.....	2,009,216		1954.....	233,923		Ohio.....	27,004	27,814
New England.....	143,279	128,342	New England.....	15,002	12,492	Indiana.....	3,457	4,554
Maine.....	18,237	15,277	Massachusetts.....	7,296	6,367	Illinois.....	31,290	24,184
New Hampshire.....	6,081	4,936	Rhode Island.....	2,143	1,810	Michigan.....	16,984	15,361
Vermont.....	4,450	4,217	Connecticut.....	2,727	3,113	Wisconsin.....	5,698	5,222
Massachusetts.....	71,455	62,397	Middle Atlantic.....	69,465	66,575	West North Central.....	23,815	27,613
Rhode Island.....	16,119	14,227	New York.....	39,545	37,359	Minnesota.....	4,009	3,501
Connecticut.....	26,937	27,285	New Jersey.....	7,645	8,903	Iowa.....	768	1,903
Middle Atlantic.....	483,373	430,862	Pennsylvania.....	22,275	20,513	Missouri.....	16,245	17,850
New York.....	251,135	206,545	East North Central.....	89,979	76,922	Nebraska.....	1,275	2,350
New Jersey.....	66,337	63,425	Ohio.....	26,583	24,936	Kansas.....	1,005	1,933
Pennsylvania.....	165,901	160,892	Indiana.....	7,489	7,372	South Atlantic.....	55,461	50,711
East North Central.....	463,097	472,266	Illinois.....	29,610	20,768	Maryland.....	7,347	6,742
Ohio.....	136,945	178,075	Michigan.....	17,145	17,201	District of Columbia.....	3,655	4,019
Indiana.....	61,522	52,777	Wisconsin.....	9,152	6,644	Virginia.....	6,359	5,873
Illinois.....	123,938	112,902	West North Central.....	24,869	21,191	West Virginia.....	3,525	3,264
Michigan.....	95,092	89,804	Minnesota.....	5,069	3,838	North Carolina.....	11,487	12,162
Wisconsin.....	45,600	38,708	Iowa.....	2,956	3,678	Georgia.....	12,513	10,747
West North Central.....	180,078	178,585	Missouri.....	8,511	7,416	Florida.....	5,844	5,405
Minnesota.....	30,181	32,266	Nebraska.....	3,928	3,102	East South Central.....	18,542	14,913
Iowa.....	32,530	33,060	Kansas.....	2,713	1,827	Kentucky.....	2,677	3,042
Missouri.....	67,301	64,013	South Atlantic.....	28,056	13,139	Tennessee.....	8,705	6,849
North Dakota.....	6,581	5,653	Maryland.....	5,036	3,461	Alabama.....	5,478	4,030
South Dakota.....	5,314	6,019	Virginia.....	2,974	1,136	West South Central.....	22,718	20,794
Nebraska.....	17,898	17,570	West Virginia.....	2,508	1,497	Arkansas.....	2,081	2,340
Kansas.....	20,273	20,002	North Carolina.....	4,517	1,044	Louisiana.....	4,374	4,051
South Atlantic.....	294,817	250,593	South Carolina.....	2,105	(2)	Oklahoma.....	1,445	1,799
Delaware.....	6,056	4,864	Georgia.....	6,185	2,423	Texas.....	14,818	12,623
Maryland.....	42,836	36,182	Florida.....	3,978	2,326	Mountain.....	4,088	3,574
District of Columbia.....	19,905	19,579	East South Central.....	8,623	3,948	Colorado.....	2,185	1,895
Virginia.....	39,007	34,783	Kentucky.....	2,305	1,980	Pacific.....	38,205	28,726
West Virginia.....	30,231	25,310	Tennessee.....	2,269	(2)	Washington.....	4,928	4,779
North Carolina.....	48,311	40,624	Alabama.....	3,001	(2)	Oregon.....	1,285	1,404
South Carolina.....	17,738	15,140	Mississippi.....	1,048	(2)	California.....	31,992	22,643
Georgia.....	40,714	35,779	West South Central.....	15,341	11,268	<b>Pies (20514):</b>		
Florida.....	50,019	38,331	Arkansas.....	1,285	(2)	United States, total:		
East South Central.....	118,920	99,670	Louisiana.....	3,074	2,009	1958.....		201,472
Kentucky.....	26,390	24,428	Oklahoma.....	1,310	1,323	1957.....		198,928
Tennessee.....	47,903	39,011	Texas.....	9,672	7,261	1956.....		201,146
Alabama.....	27,995	23,394	Mountain.....	8,383	5,022	1955.....		189,423
Mississippi.....	16,632	12,856	Colorado.....	3,727	1,984	1954.....		185,906
West South Central.....	197,702	172,268	Arizona.....	1,348	(2)	Value of shipments		
Arkansas.....	16,162	15,007	Pacific.....	35,739	23,366	1958 <sup>1</sup>	1954	
Louisiana.....	39,948	35,420	Washington.....	3,454	2,371	New England.....	20,104	18,755
Oklahoma.....	24,847	22,260	Oregon.....	2,075	2,448	Massachusetts.....	14,641	12,687
Texas.....	116,745	99,577	California.....	30,210	18,547	Connecticut.....	3,829	4,703
Mountain.....	73,372	59,002	<b>Soft cakes (20513):</b>			Middle Atlantic.....	63,268	56,124
Montana.....	7,112	6,700	United States, total:			New York.....	32,030	24,780
Idaho.....	4,843	4,627	1958.....	413,325		New Jersey.....	7,241	7,644
Wyoming.....	1,205	1,374	1957.....	422,773		Pennsylvania.....	23,997	23,699
Colorado.....	22,257	18,745	1956.....	401,127		East North Central.....	42,107	41,470
New Mexico.....	9,196	4,472	1955.....	376,147		Ohio.....	14,371	11,285
Arizona.....	15,343	10,767	1954.....	372,385		Indiana.....	3,594	3,531
Utah.....	11,617	10,530	Value of shipments			Illinois.....	14,478	15,487
Nevada.....	1,599	1,786	1958 <sup>1</sup>	1954		Michigan.....	8,082	9,479
Pacific.....	266,321	217,627	New England.....	26,014	27,661	Wisconsin.....	1,582	1,687
Washington.....	33,958	27,916	Maine.....	1,678	2,321	West North Central.....	6,895	7,589
Oregon.....	25,167	21,109	Massachusetts.....	18,480	18,701	Minnesota.....	1,716	1,857
California.....	207,196	168,602	Rhode Island.....	1,928	2,573	Missouri.....	3,379	3,583
			Connecticut.....	3,557	3,580			

See footnotes at end of table.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
Pies (20514)--Continued	1958 <sup>1</sup>	1954	Doughnuts (cake type) (20517):			Biscuit, crackers, and pretzels (20521)--Continued	1958 <sup>1</sup>
South Atlantic.....	18,439	16,163	United States, total:			East North Central.....	93,993
Maryland.....	4,340	3,743	1958.....	125,151		Ohio.....	23,264
Virginia.....	1,660	2,569	1957.....	137,210		Illinois.....	58,466
North Carolina.....	4,156	1,856	1956.....	129,807		West North Central.....	32,799
Georgia.....	2,600	2,477	1955.....	125,982		Missouri.....	11,558
Florida.....	2,536	2,144	1954.....	113,269		South Atlantic.....	44,305
East South Central.....	12,346	9,107		1958 <sup>1</sup>	1954	East South Central.....	5,979
Kentucky.....	4,370	2,480	New England.....	15,809	16,518	West South Central.....	14,633
Tennessee.....	4,760	6,040	Maine.....	4,111	4,488	Mountain.....	8,513
West South Central.....	7,661	8,808	Massachusetts.....	8,059	7,627	Pacific.....	37,309
Louisiana.....	1,431	1,269	Rhode Island.....	1,231	1,744	California.....	20,099
Oklahoma.....	848	2,009	Connecticut.....	1,080	1,280		
Texas.....	5,249	5,191	Middle Atlantic.....	35,156	30,639	Other "dry" bakery products (including machine-made cookies and ice cream cones) (20522):	
Mountain.....	2,892	2,940	New York.....	18,750	16,451	United States, total.....	601,793
Pacific.....	27,760	24,948	New Jersey.....	5,025	4,829	New England.....	15,382
Washington.....	2,307	2,054	Pennsylvania.....	11,381	9,359	Massachusetts.....	13,781
Oregon.....	1,118	1,628	East North Central.....	32,222	30,339	Middle Atlantic.....	162,971
California.....	24,335	21,265	Ohio.....	9,677	8,960	New York.....	63,982
Pastries and hand-made cookies (20515):	Value of shipments		Indiana.....	1,576	1,698	New Jersey.....	50,057
United States, total:			Illinois.....	8,617	9,112	Pennsylvania.....	48,932
1958.....		62,960	Michigan.....	8,280	8,044	East North Central.....	199,291
1957.....		67,162	Wisconsin.....	4,072	2,524	Ohio.....	52,319
1956.....		64,435	West North Central.....	8,926	7,743	Indiana.....	5,320
1955.....		62,275	Minnesota.....	2,340	2,412	Illinois.....	108,198
1954.....		54,248	Missouri.....	4,050	2,879	Michigan.....	22,517
	1958 <sup>1</sup>	1954	Nebraska.....	359	1,096	Wisconsin.....	10,937
New England.....	6,320	4,985	South Atlantic.....	9,060	7,279	West North Central.....	44,815
Massachusetts.....	2,544	3,013	Maryland.....	2,448	1,929	Iowa.....	11,307
Middle Atlantic.....	19,905	16,243	Georgia.....	1,280	1,159	Missouri.....	14,662
New York.....	12,178	11,527	Florida.....	2,172	2,530	South Atlantic.....	60,405
Pennsylvania.....	6,375	3,443	East South Central.....	2,359	2,137	Maryland.....	3,950
East North Central.....	11,875	9,233	West South Central.....	3,856	3,246	North Carolina.....	11,149
Ohio.....	2,046	1,393	Texas.....	2,216	1,871	Georgia.....	32,878
Illinois.....	6,494	2,577	Mountain.....	3,181	2,169	Florida.....	2,988
Michigan.....	1,921	2,517	Colorado.....	1,467	1,050	East South Central.....	17,436
West North Central.....	4,964	5,092	Pacific.....	14,582	13,199	Kentucky.....	5,470
South Atlantic.....	3,759	4,797	Washington.....	1,645	1,423	Alabama.....	2,975
East South Central.....	3,230	2,269	Oregon.....	1,788	1,000	West South Central.....	33,051
West South Central.....	2,358	3,613	California.....	11,149	10,776	Texas.....	24,999
Texas.....	1,850	1,293		Value of shipments		Mountain.....	13,603
Pacific.....	9,642	5,857	Biscuit, crackers, and pretzels (20521):			Pacific.....	54,839
California.....	7,580	5,211	United States, total.....	349,786		Washington.....	3,592
			Middle Atlantic.....	101,793		Oregon.....	12,427
			New York.....	17,371		California.....	38,820
			New Jersey.....	19,755			
			Pennsylvania.....	64,667			

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20512, Maine; 20513, South Carolina and Mississippi; 20514, District of Columbia, West Virginia, and Alabama; 20515, Rhode Island, New Jersey, Minnesota, Missouri, North Carolina, Mississippi, and Washington; 20517, Iowa, Virginia, and North Carolina; 20521, Massachusetts, Indiana, Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, Nebraska, Kansas, Maryland, Virginia, North Carolina, Georgia, Tennessee, Alabama, Arkansas, Texas, Colorado, Washington, and Oregon; 20522, North Dakota, South Dakota, Nebraska, Kansas, Virginia, Tennessee, Arkansas, Louisiana, Colorado, and Utah.

<sup>2</sup>Shipments of less than \$1 million reported.



Table 6C.—Quantity and Value of Bakery Products Sold by Manufacturing and Retail Bakeries, 1958 and 1954

Code	Product	Total <sup>1</sup>		Made in manufacturing bakeries (SIC 2051) <sup>2</sup>		Made in retail bakeries with baking on premises (SIC 5462)	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2051--	Bread and other "perishable" bakery products, total.....	xxx	4,184,376	xxx	3,578,968	xxx	605,408
	Bread and bread-type rolls.....	14,468,585	2,557,444	13,732,050	2,397,616	736,535	159,828
	Sweet yeast goods.....	1,178,148	485,209	840,332	316,301	337,816	168,908
	Soft cakes.....	xxx	552,095	xxx	444,332	xxx	107,763
	Pies.....	xxx	260,665	xxx	217,681	xxx	42,984
	Pastries and hand-made cookies.....	xxx	163,425	xxx	68,376	xxx	95,049
	Doughnuts (cake-type).....	xxx	165,538	xxx	134,662	xxx	30,876
	1954						
	Bread and other "perishable" bakery products, total.....	xxx	3,598,712	xxx	3,012,109	xxx	586,603
	Bread and bread-type rolls.....	13,858,215	2,227,937	12,846,326	2,038,712	1,011,889	189,225
Sweet yeast goods.....	964,315	379,406	639,377	237,081	324,938	142,325	
Soft cakes.....	xxx	483,407	1,069,805	377,641	xxx	105,766	
Pies.....	824,831	234,911	732,659	188,733	92,172	46,178	
Pastries and hand-made cookies.....	xxx	132,059	xxx	55,088	xxx	76,971	
Doughnuts (cake-type).....	xxx	140,992	xxx	114,854	xxx	26,138	

<sup>1</sup>Represents total commercial production except for production in "bakery product stores" with no paid employees (family enterprises). In 1958, these were 4,752 such stores with sales of \$79,330,000 compared to 3,932 stores in 1954 with sales of \$59,688,000.

<sup>2</sup>Including small amounts made in other industries (principally the Biscuit and Cracker Industry, SIC 2052). The quantity and value of shipments for each product class has been adjusted upward to compensate for the amounts reported as "not specified by kind" in table 6A of the 1958 Census of Manufactures Final Report, MC58(2)-20E, Bakery Products.

Table 7A.—Selected Ingredients Used by Manufacturing and Retail Bakeries, 1958 and 1954

Ingredient code	Ingredient	Total <sup>1</sup>		Used in manufacturing bakeries (SIC 2051)		Used in retail bakeries, with baking on premises (SIC 5462)	
		Quantity (1,000 lbs.)	Cost (\$1,000)	Quantity (1,000 lbs.)	Cost (\$1,000)	Quantity (1,000 lbs.)	Cost (\$1,000)
204111 206011 209211		1958					
	TOTAL.....	xxx	1,899,993	xxx	1,635,569	xxx	264,424
	Wheat flour.....	10,159,702	622,027	9,175,452	551,161	984,250	70,866
	Sugar (cane and beet).....	1,653,937	159,432	1,335,734	121,884	318,203	37,548
	Fats and oils.....	1,058,026	182,660	765,349	133,477	292,677	49,183
	Other ingredients and supplies.....	xxx	935,874	xxx	829,047	xxx	106,827
		1954					
	TOTAL.....	xxx	1,719,259	xxx	1,456,853	xxx	262,406
	Wheat flour.....	9,851,568	623,819	8,656,077	538,939	1,195,491	84,880
	Sugar (cane and beet).....	1,454,807	129,175	1,146,491	98,959	308,316	30,216
Fats and oils.....	816,050	178,767	628,803	135,328	187,247	43,439	
Other ingredients and supplies.....	xxx	787,498	xxx	683,627	xxx	103,871	

<sup>1</sup>Represents total consumption in commercial bakeries, except biscuit and cracker bakeries (SIC 2052) and "bakery product stores" with no paid employees. (See footnote 1, to table 1)

<sup>2</sup>Includes the total cost of materials, supplies, containers and ingredients for establishments which did not report the detailed breakdown of materials used. For 1958, the costs reported by such establishments totaled \$179 million; for 1954, the exact total cost could not be determined, but it was between \$130 and \$200 million. Since these amounts are only approximately comparable, the percentage increase or decrease in usage of any specific ingredient, such as flour, between 1954 and 1958, should be regarded as a reasonable approximation rather than as a precise measurement of trend.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7B.-Selected Ingredients Used by Manufacturing Bakeries: 1958 and 1954

Code	Material	INDUSTRY 2051—BREAD AND RELATED PRODUCTS									
		1958					1954				
		Total	Wholesale bakeries (2051-02)	Grocery chain bakeries (2051-03)	Home service bakeries (2051-04)	Retail multi-outlet bakeries (2051-06)	Total	Wholesale bakeries (2051-02)	Grocery chain bakeries (2051-03)	Home service bakeries (2051-04)	Retail multi-outlet bakeries (2051-06)
	Total cost of materials, ingredients, containers and supplies:										
	Quantity.....1,000 lbs..	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Delivered cost.....\$1,000..	1,635,569	1,233,819	201,294	132,953	67,503	1,456,853	1,130,164	154,611	117,835	54,243
204111	Wheat flour:										
	Quantity.....1,000 lbs..	r 9,195,452	7,186,584	997,797	817,835	r 193,236	8,656,077	6,928,305	723,228	814,329	190,213
	Delivered cost.....\$1,000..	551,161	430,010	59,569	49,796	11,786	538,939	431,163	45,991	50,485	11,300
206011	Sugar (cane and beet):										
	Quantity.....1,000 lbs..	1,335,734	994,689	165,547	111,969	63,529	1,146,491	874,191	119,294	100,348	52,657
	Delivered cost.....\$1,000..	121,884	89,668	15,574	10,387	6,255	98,959	74,893	10,430	8,943	4,693
209211	Shortening:										
	Quantity.....1,000 lbs..	302,459	216,244	40,805	27,367	18,043	253,522	168,785	39,296	27,062	18,379
	Delivered cost.....\$1,000..	54,752	38,763	7,159	5,270	3,560	56,339	38,198	8,022	5,941	4,178
201011	Lard:										
	Quantity.....1,000 lbs..	293,214	223,445	40,493	23,022	6,254	291,238	234,144	24,232	24,232	6,316
	Delivered cost.....\$1,000..	42,290	32,253	5,806	3,361	870	55,023	44,585	4,316	4,931	1,188
200011	Other fats and oils, including fats and oils not specified by kind (liquid cooking oils, butter, margarine, puff paste, etc.): <sup>1</sup>										
	Quantity.....1,000 lbs..	169,676	110,936	25,325	13,447	19,968	84,043	58,005	11,908	6,262	7,868
	Delivered cost.....\$1,000..	36,435	23,167	5,876	2,617	4,775	23,966	16,555	2,653	1,783	2,975
202311	Dried milk:										
	Quantity.....1,000 lbs..	268,954	205,581	33,272	25,337	4,764	242,548	189,116	25,622	23,718	4,092
	Delivered cost.....\$1,000..	39,784	30,450	4,844	3,744	746	37,782	29,660	3,808	3,615	699
202313	Condensed and evaporated milk:										
	Quantity.....1,000 lbs..	47,414	38,876	3,475	2,100	2,963	(NA)	(NA)	(NA)	(NA)	(NA)
	Delivered cost.....\$1,000..	6,211	5,105	443	275	388	(NA)	(NA)	(NA)	(NA)	(NA)
209913	Frozen and liquid eggs:										
	Quantity.....1,000 lbs..	167,981	96,500	39,413	15,850	16,218	155,289	99,886	25,209	15,154	15,040
	Delivered cost.....\$1,000..	49,751	28,594	11,552	4,452	5,153	48,912	31,888	7,089	4,813	5,123
970013	Containers and wrapping materials:										
	Delivered cost.....\$1,000..	234,480	175,357	33,746	19,133	6,244	2596,933	2468,222	272,302	237,324	224,087
970099	Other materials, ingredients and supplies:										
	Delivered cost.....\$1,000..	319,673	225,253	52,934	27,546	13,940					
971000	Materials, ingredients, etc., not specified by kind:										
	Delivered cost.....\$1,000..	179,148	155,199	3,791	6,372	13,786					
		INDUSTRY 2052—BISCUIT, CRACKERS AND PRETZELS									
		1958					1954				
		Quantity		Delivered cost			Quantity		Delivered cost		
		(1,000 pounds)		(\$1,000)			(1,000 pounds)		(\$1,000)		
	Total cost of materials, ingredients, containers and supplies....		xxx		419,168			xxx		342,685	
204111	Wheat flour.....		1,962,652		100,398			1,723,161		84,032	
206011	Sugar (cane and beet).....		509,983		46,753			412,727		34,559	
209211	Shortening.....		144,471		23,941			101,191		19,998	
201011	Lard.....		138,890		17,317			119,934		20,086	
200011	Other fats and oils, including fats and oils not specified by kind (liquid cooking oils, butter, margarine, puff paste, etc.): <sup>1</sup>		108,223		20,183			102,736		20,656	
202311	Dried milk.....		17,705		2,588			10,814		1,756	
202313	Condensed and evaporated milk...		1,480		205			(NA)		(NA)	
209913	Frozen and liquid eggs.....		10,341		3,829			9,944		3,579	
970013	Containers and wrapping materials.....		xxx		109,461			xxx		2158,019	
970099	Other materials, ingredients and supplies.....		xxx		94,493						

r Revised.

NA Not available.

<sup>1</sup>Includes an undetermined amount of shortening and lard used by small establishments which were not required to report type of fat or oil used.<sup>2</sup>The amounts "not specified by kind" as distinguished from "all other materials" could not be determined exactly for 1954, but were approximately the following: Industry 2051, total, 10-15 percent; Wholesale Bakeries, 10-15 percent; Grocery Chain Bakeries, 1-5 percent; Home Service Bakeries, 5-10 percent; Retail Multi-Outlet Bakeries, 15-20 percent; and Industry 2052, 1-5 percent. The percentages are applicable to the total cost of materials, etc., on the first line of the table.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2051	BREAD AND RELATED PRODUCTS (entire industry).....	5,985	256,963	1,154,240	145,393	290,460	572,636	2,110,820	1,989,023	4,098,612	99,240
	Establishments with:										
	90% or more specialization.....	5,846	242,946	1,094,412	134,398	268,797	530,352	1,960,205	1,888,610	3,847,731	93,287
	75-89% specialization.....	64	8,165	33,985	5,952	11,687	22,498	66,312	70,918	137,052	4,037
20511	Bread and bread type rolls (primary product class of estab.).....	2,467	184,475	884,086	94,636	192,487	396,319	1,652,729	1,482,483	3,095,735	72,891
	Establishments with:										
	90% or more specialization....	1,353	80,342	398,986	38,194	78,203	161,231	746,118	706,293	1,452,160	35,430
	75-89% specialization.....	333	32,812	158,212	17,166	35,011	72,154	291,115	261,011	551,104	12,942
20512	Sweet yeast goods (primary product class of estab.).....	538	13,384	48,236	8,753	17,654	30,845	80,993	78,348	159,455	3,062
	Establishments with:										
	90% or more specialization....	140	1,557	5,721	1,283	2,591	4,203	11,122	11,762	22,866	565
	75-89% specialization.....	46	647	1,826	481	908	1,297	3,004	4,146	7,153	(1)
20513	Soft cakes (primary product class of estab.).....	233	18,585	83,221	12,431	25,331	50,464	158,816	157,362	317,799	5,113
	Establishments with:										
	90% or more specialization....	92	4,439	21,317	2,887	5,768	11,952	39,379	39,739	80,318	1,335
	75-89% specialization.....	20	2,819	13,473	1,966	3,987	8,000	23,346	21,638	45,356	1,060
20514	Pies (primary product class of estab.).....	365	12,765	51,338	8,485	16,604	29,286	81,753	102,462	184,087	4,644
	Establishments with:										
	90% or more specialization....	240	5,877	23,719	3,690	7,006	12,075	41,116	47,116	88,277	1,446
	75-89% specialization.....	35	1,057	4,648	661	1,379	2,315	7,147	8,565	15,706	(1)
20515	Pastries and cookies (hand made) (primary product class of estab.)..	182	2,825	9,305	2,079	3,880	6,607	18,258	18,002	36,261	847
	Establishments with:										
	90% or more specialization....	116	1,559	5,594	1,168	2,232	3,813	11,860	11,398	23,259	(1)
	75-89% specialization.....	9	196	585	164	311	430	856	1,275	2,129	(1)
20517	Doughnuts, cake type (primary product class of estab.).....	246	2,401	8,023	1,904	3,560	5,952	14,307	21,135	35,496	1,522
	Establishments with:										
	90% or more specialization....	178	1,337	4,489	1,119	2,067	3,610	8,735	13,143	21,905	1,023
	75-89% specialization.....	12	126	493	97	223	322	771	1,006	1,777	(1)
2051-02	WHOLESALE BAKERIES (entire industry).....	5,199	193,527	873,317	108,742	216,395	418,084	1,605,289	1,525,907	3,130,415	76,821
	Establishments with:										
	90% or more specialization.....	5,096	187,862	849,196	104,740	208,645	403,198	1,520,081	1,510,391	3,029,534	74,854
	75-89% specialization.....	38	2,290	9,797	1,500	2,939	5,242	20,922	18,267	39,160	653
20511	Bread and bread type rolls (primary product class of estab.).....	2,023	135,271	654,136	67,592	137,979	278,113	1,234,264	1,113,492	2,308,679	54,536
	Establishments with:										
	90% or more specialization....	1,234	75,420	377,037	35,620	73,130	150,326	698,155	664,120	1,362,036	33,759
	75-89% specialization.....	324	28,727	140,306	14,690	29,763	61,629	253,630	226,820	479,425	11,643
20512	Sweet yeast goods (primary product class of estab.).....	433	10,005	37,799	7,046	14,240	24,720	64,891	64,260	129,234	2,576
	Establishments with:										
	90% or more specialization....	129	1,459	5,486	1,207	2,450	4,020	10,758	11,306	22,046	559
	75-89% specialization.....	38	566	1,628	428	841	1,179	2,730	3,682	6,415	(1)
20513	Soft cakes (primary product class of estab.).....	182	13,275	61,197	8,561	17,095	33,962	115,961	114,926	232,483	4,438
	Establishments with:										
	90% or more specialization....	86	4,232	20,319	2,713	5,442	11,166	36,173	36,827	74,205	1,298
	75-89% specialization.....	18	2,725	13,049	1,879	3,827	7,628	22,377	20,766	43,515	1,050
20514	Pies (primary product class of estab.).....	338	10,100	41,123	6,236	12,133	21,203	66,353	77,231	143,553	2,290
	Establishments with:										
	90% or more specialization....	235	5,814	23,581	3,629	6,923	12,014	40,901	46,858	87,804	1,444
	75-89% specialization.....	33	1,054	4,642	658	1,374	2,309	7,123	8,540	15,657	(1)
20515	Pastries and cookies (hand made) (primary product class of estab.)..	170	2,662	8,870	1,981	3,689	6,295	17,454	17,292	34,744	800
	Establishments with:										
	90% or more specialization....	113	1,539	5,537	1,151	2,200	3,765	11,736	11,312	23,047	(1)
	75-89% specialization.....	8	182	500	153	293	376	824	1,108	1,929	(1)
20517	Doughnuts, cake type (primary product class of estab.).....	231	2,129	7,314	1,716	3,254	5,494	13,143	19,850	33,049	1,477
	Establishments with:										
	90% or more specialization....	171	1,279	4,361	1,065	1,991	3,519	8,474	12,886	21,389	1,019
	75-89% specialization.....	12	126	493	97	40	322	771	1,006	1,777	(1)

See footnotes at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2051-03	GROCERY CHAIN BAKERIES (entire industry).....	178	18,869	87,131	16,461	32,990	73,515	168,800	214,051	382,499	7,471
	Establishments with:										
	90% or more specialization.....	164	14,934	69,391	12,894	26,161	58,182	134,645	167,592	302,138	5,902
	75-89% specialization.....	8	2,175	9,810	1,964	3,716	8,371	19,319	25,048	44,267	1,031
20511	Bread and bread type rolls (primary product class of estab.).....	126	16,395	76,372	14,305	28,635	64,087	149,017	190,690	339,373	7,096
	Establishments with:										
	90% or more specialization....	34	1,803	9,042	1,419	2,890	6,690	24,205	22,254	46,447	805
	75-89% specialization.....	19	1,557	7,031	1,379	2,873	6,016	16,379	18,458	34,851	( <sup>1</sup> )
20513	Soft cakes (primary product class of estab.).....	10	994	4,533	863	1,749	3,983	9,383	10,635	20,014	( <sup>1</sup> )
20514	Pies (primary product class of estab.).....	14	1,006	4,409	873	1,729	3,857	7,086	9,521	16,562	( <sup>1</sup> )
2051-04	HOME SERVICE BAKERIES (entire industry).....	361	30,502	142,461	11,158	22,622	45,945	244,378	161,715	406,108	9,881
	Establishments with:										
	90% or more specialization.....	351	29,399	138,090	10,562	21,414	43,816	235,299	154,775	390,088	9,734
20511	Bread and bread type rolls (primary product class of estab.)..	251	28,883	137,022	10,211	20,908	43,036	236,309	153,757	390,097	9,565
	Establishments with:										
	90% or more specialization....	78	2,860	12,007	902	1,860	3,626	21,903	18,266	40,169	797
	75-89% specialization.....	35	2,374	10,508	1,035	2,222	4,304	20,448	15,278	35,715	802
20512	Sweet yeast goods (primary product class of estab.).....	41	778	2,979	462	857	1,521	4,550	4,172	8,708	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	7	59	125	48	79	102	151	328	479	( <sup>1</sup> )
2051-06	RETAIL MULTI-OUTLET BAKERIES (entire industry).....	247	14,065	51,331	9,032	18,453	35,092	92,353	87,350	179,590	5,067
	Establishments with:										
	90% or more specialization.....	235	10,451	37,735	6,202	12,577	25,156	70,180	55,852	125,971	2,797
	75-89% specialization.....	9	2,597	10,007	1,892	3,824	6,756	16,994	20,671	37,615	2,206
20511	Bread and bread type rolls (primary product class of estab.)..	67	3,926	16,556	2,528	4,965	11,083	33,139	24,544	57,586	1,694
	Establishments with:										
	90% or more specialization....	7	259	900	160	323	589	1,855	1,653	3,508	( <sup>1</sup> )
	75-89% specialization.....	5	154	367	62	153	205	658	455	1,113	( <sup>1</sup> )
20512	Sweet yeast goods (primary product class of estab.).....	56	2,371	6,539	1,046	2,128	3,817	9,741	8,535	18,283	( <sup>1</sup> )
20513	Soft cakes (primary product class of estab.).....	32	4,118	16,809	2,909	6,331	12,175	32,604	30,946	63,579	525
20515	Pastries and cookies (hand made) (primary product class of estab.)..	8	142	383	81	162	269	713	562	1,277	( <sup>1</sup> )
20517	Doughnuts, cake type (primary product class of estab.).....	6	210	520	139	216	318	811	718	1,529	( <sup>1</sup> )
2052	BISCUIT AND CRACKERS (entire industry).....	334	44,333	179,390	34,207	68,331	122,444	522,490	455,829	980,780	15,502
	Establishments with:										
	90% or more specialization.....	308	38,637	156,468	30,360	60,495	109,047	463,158	398,567	864,498	14,180
	75-89% specialization.....	12	4,087	16,514	2,648	5,393	9,189	47,648	35,943	83,477	1,012
20521	Biscuit, crackers, and pretzels (primary product class of estab.)..	77	11,577	48,729	8,853	18,028	32,461	147,141	123,268	271,172	4,180
	Establishments with:										
	90% or more specialization....	54	3,198	13,434	2,480	5,029	8,840	32,805	30,549	63,830	1,362
	75-89% specialization.....	5	792	2,867	660	1,320	2,115	7,019	6,846	13,841	( <sup>1</sup> )
20522	Other "dry" bakery products (including machine-made cookies and ice cream cones) (primary product class of estab.).....	173	32,100	128,606	24,829	49,314	88,444	371,087	326,440	699,278	11,010
	Establishments with:										
	90% or more specialization....	130	11,426	42,846	8,723	17,260	26,986	96,287	104,409	199,893	3,549
	75-89% specialization.....	13	5,046	20,901	3,758	7,789	13,560	41,388	44,200	86,945	2,290

<sup>1</sup>Less than \$500 thousand.      - Revised.<sup>2</sup>For 1958 and 1974, includes about 2,000 small establishments reporting on "short forms," some of which did not describe the method of distribution adequately. A review of the forms indicated that the great majority were wholesale bakeries. For 1958, this group comprised 2,004 establishments with 18,884 employees and \$119,800,000 adjusted value added.



# Sugar, Confectionery and Related Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2061—Cane Sugar, Except Refining Only
- 2062—Cane Sugar Refining
- 2063—Beet Sugar
- 2071—Candy and Other Confectionery Products
- 2072—Chocolate and Cocoa Products
- 2073—Chewing Gum

Industry Group 206, Sugar.—Excise taxes are not included in the cost of materials, value of shipments, or value added for the sugar producing industries (2061, 2062, 2063).

### 2061—Cane Sugar, Except Refining Only

This industry comprises establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugar cane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in Industry 2062. For a detailed list of products of Industry 2061, refer to table 6A, product codes 2061011 to 2061081.

Value of shipments and other receipts of the Raw Cane Sugar Industry in 1958 totaled \$73 million. This included shipments of raw cane sugar products (primary products), valued at \$70 million, shipments of other products (secondary products), and miscellaneous receipts (mainly resales) of \$3 million.

The specialization and coverage ratios for Industry 2061 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Sugar cane grown on plantations during the first nine months of the year is usually harvested and processed during the last three. In some instances the processing carries over to the early months of the following year. Establishments in Industry 2061 reported on the basis of the 1958 crop year rather than the calendar year where the two did not coincide, except for employment and payroll data which were reported for the calendar year in all cases.

### 2062—Cane Sugar Refining

This industry comprises establishments primarily engaged in refining purchased raw cane sugar and sugar sirup. For a detailed list of products of Industry 2062, refer to table 6A, product codes 2062007 to 2062079.

Value of shipments and other receipts of the Cane Sugar Refining Industry in 1958 totaled \$997 million, almost all of which consisted of shipments of refined cane sugar products (primary products).

The specialization and coverage ratios for Industry 2062 were 100 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics

(tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Industry 2062 is largely dependent for its raw materials on imports from foreign countries and shipments from Hawaii and Puerto Rico. Only about 6 percent of its total supply comes from mainland sugar mills (Industry 2061).

### 2063—Beet Sugar

This industry comprises establishments primarily engaged in manufacturing sugar from sugar beets. For a detailed list of products of Industry 2063, refer to table 6A, product codes 2063001 to 2063087.

Value of shipments and other receipts of the Beet Sugar Industry in 1958 totaled \$392 million. This included shipments of beet sugar products (primary products), valued at \$380 million, shipments of other products (secondary products) valued at \$1 million, and miscellaneous receipts (mainly resales) of \$11 million.

The specialization and coverage ratios for Industry 2063 were 100 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Beet sugar production is highly seasonal, with the processing of sugar beets starting in the late summer and generally running to the early months of the following year. Establishments in this industry reported for the 1958 crop year rather than the calendar year where the two did not coincide, but employment and payroll data were always reported for the calendar year.

### 2071—Candy and Other Confectionery Products

This industry comprises establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in Industry 2072, and chewing gum in Industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises and those primarily engaged in shelling and roasting nuts are classified in trade industries. For a detailed list of products of Industry 2071, refer to table 6A product codes 2071112 to 2071687.

Value of shipments and other receipts of the Confectionery Products Industry in 1958 totaled \$1,228 million. This included shipments of confectionery products (primary products), valued at \$1,121 million, shipments of other products (secondary products) valued at \$50 million, and miscellaneous receipts (mainly resales) of \$57 million.

The specialization and coverage ratios for Industry 2071 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

2072--Chocolate and Cocoa Products

This industry comprises establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products except candy from purchased chocolate and cocoa are classified in Industry 2099, and chocolate candies in Industry 2071. For a detailed list of products of Industry 2072, refer to table 6A, product codes 2072112 to 2072896.

Value of shipments and other receipts of the Chocolate and Cocoa Products Industry in 1958 totaled \$447 million. This included shipments of chocolate products (primary products), valued at \$439 million, shipments of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly resales) of \$1 million.

This industry's shipments of chocolate and cocoa products (primary products) in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 98 percent.

Industry 2072 shipments of chocolate and cocoa products (primary products) in 1958 represented 87 percent (coverage ratio) of these products valued at \$507 million shipped by all industries. In 1954, the coverage ratio was 89 percent.

2073--Chewing Gum

This industry comprises establishments primarily engaged in manufacturing chewing gum or chewing gum base. For a detailed list of products of Industry 2073, refer to table 6A, product codes 2073011 to 2073015.

Value of shipments and other receipts of the Chewing Gum Industry in 1958 totaled \$176 million. This included shipments of chewing gum (primary products), valued at \$161 million, shipments of other products (secondary products), and miscellaneous receipts (mainly resales) of \$15 million.

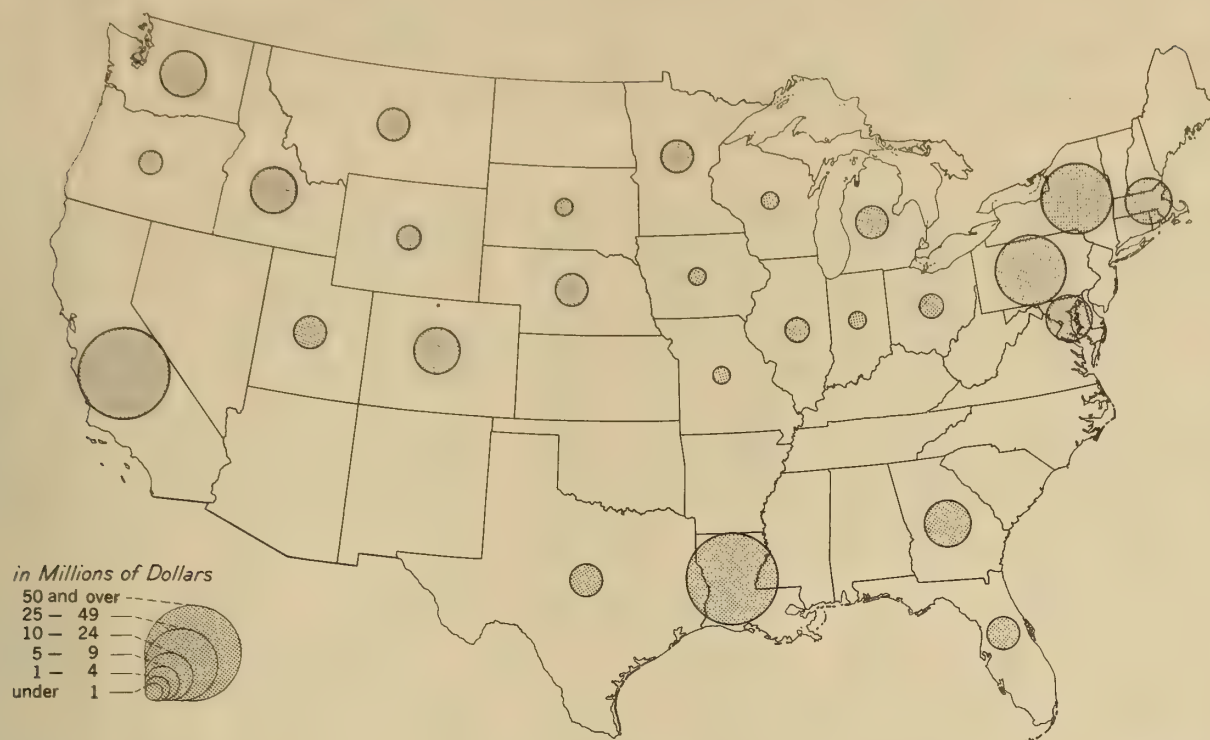
The specialization and coverage ratios for Industry 2073 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## SUGAR: SIC 206

Value Added by Manufacture by State: 1958



Includes Industries 2061, 2062 and 2063. See Table 2.

Bureau of the Census M-58-D206

## CONFECTIONERY AND RELATED PRODUCTS: SIC 207

Value Added by Manufacture by State: 1958



Includes Industries 2071, 2072 and 2073. See Table 2.

Bureau of the Census M-58-D207

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States, 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ializa- tion ratio <sup>6</sup> (per- cent)	Cov- er- age <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2061 (old SIC 2061)	Raw cane sugar <sup>8</sup>														
		45	50	44	3,011	9,388	2,581	5,844	7,498	21,841	50,234	72,553	1,815	97	100
		43	49	43	3,078	8,949	2,719	7,231	7,307	17,640	49,275	64,715	2,659	96	97
		77	82	(NA)	4,635	8,550	4,022	10,217	6,597	<sup>9</sup> 17,709	<sup>9</sup> 41,595	<sup>9</sup> 60,135	5,061	97	100
		(NA)	78	(NA)	5,294	3,731	4,217	(NA)	2,573	10,510	22,100	32,600	(NA)	(NA)	(NA)
		(NA)	72	(NA)	4,819	3,209	4,221	(NA)	2,380	8,500	19,800	28,300	(NA)	(NA)	(NA)
		(NA)	74	(NA)	3,714	2,258	2,944	(NA)	1,530	8,000	17,400	25,400	(NA)	(NA)	(NA)
		(NA)	67	(NA)	2,718	1,578	2,371	(NA)	1,228	6,639	11,594	18,233	(NA)	(NA)	(NA)
		(NA)	68	(NA)	(NA)	(NA)	2,032	(NA)	1,333	3,973	10,008	13,981	(NA)	(NA)	(NA)
		(NA)	70	(NA)	2,723	2,102	2,319	(NA)	1,642	6,103	12,223	18,326	(NA)	(NA)	(NA)
		(NA)	53	(NA)	1,204	932	971	(NA)	639	2,179	5,830	8,009	(NA)	(NA)	(NA)
		(NA)	94	(NA)	2,478	1,838	2,066	(NA)	1,411	1,849	11,586	13,435	(NA)	(NA)	(NA)
		(NA)	122	(NA)	3,674	2,480	2,820	(NA)	1,728	6,218	20,963	27,181	(NA)	(NA)	(NA)
		(NA)	134	(NA)	3,311	3,018	2,724	(NA)	2,296	6,020	16,941	22,961	(NA)	(NA)	(NA)
		(NA)	202	(NA)	6,880	5,675	6,101	(NA)	4,009	13,598	44,143	57,741	(NA)	(NA)	(NA)
		(NA)	181	(NA)	4,372	2,053	3,632	(NA)	1,561	5,677	15,958	21,635	(NA)	(NA)	(NA)
		(NA)	214	(NA)	5,115	2,600	4,127	(NA)	1,863	9,326	21,295	30,621	(NA)	(NA)	(NA)
2062 (old SIC 2062)	Cane sugar refining	16	<sup>11</sup> 28	25	15,213	83,962	11,807	25,321	63,371	184,824	812,624	997,288	24,329	100	100
		(NA)	(NA)	(NA)	15,405	79,238	12,362	25,207	59,519	177,315	801,284	976,861	17,523	99	99
		(NA)	(NA)	(NA)	15,420	75,508	12,289	25,726	56,796	167,315	802,039	978,550	13,388	(NA)	(NA)
		(NA)	(NA)	(NA)	15,471	70,708	12,399	25,418	53,231	138,445	757,053	902,305	11,200	(NA)	(NA)
		16	23	23	16,068	66,431	12,932	26,061	50,350	133,380	727,744	866,835	10,553	100	100
		(NA)	(NA)	(NA)	15,462	64,908	12,733	27,110	50,731	<sup>9</sup> 112,376	762,422	874,798	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	16,228	60,744	13,520	27,753	47,612	<sup>9</sup> 129,639	749,544	879,186	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	16,667	56,850	14,017	27,749	43,927	<sup>9</sup> 113,469	683,594	797,066	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	17,304	57,672	14,460	30,164	44,440	<sup>9</sup> 116,262	708,869	825,134	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	17,079	53,412	14,699	31,607	42,303	<sup>9</sup> 100,599	645,801	744,974	(NA)	(NA)	(NA)
		17	25	(NA)	17,376	47,172	15,093	33,074	38,974	<sup>9</sup> 98,112	<sup>9</sup> 728,744	<sup>9</sup> 818,430	5,902	100	100
		(NA)	27	(NA)	16,828	21,412	14,133	(NA)	16,197	55,993	289,000	345,000	(NA)	(NA)	(NA)
		(NA)	23	(NA)	15,718	19,942	14,024	(NA)	15,973	62,000	315,000	377,000	(NA)	(NA)	(NA)
		(NA)	18	(NA)	15,263	17,190	13,832	(NA)	13,914	41,000	292,000	333,000	(NA)	(NA)	(NA)
		(NA)	19	(NA)	12,786	15,141	11,495	(NA)	12,237	55,539	281,536	337,075	(NA)	(NA)	(NA)
		(NA)	19	(NA)	(NA)	(NA)	11,855	(NA)	15,547	59,370	335,933	395,303	(NA)	(NA)	(NA)
		(NA)	21	(NA)	15,655	22,410	13,912	(NA)	17,850	68,990	438,399	507,389	(NA)	(NA)	(NA)
		(NA)	21	(NA)	15,742	22,353	13,996	(NA)	17,707	45,852	551,594	597,446	(NA)	(NA)	(NA)
		(NA)	21	(NA)	16,359	23,913	14,502	(NA)	18,955	56,737	549,896	606,633	(NA)	(NA)	(NA)
		(NA)	20	(NA)	17,474	25,753	15,254	(NA)	20,044	44,362	681,880	726,242	(NA)	(NA)	(NA)
		(NA)	20	(NA)	17,784	25,020	15,457	(NA)	19,463	40,001	426,601	466,602	(NA)	(NA)	(NA)
		(NA)	20	(NA)	20,915	28,153	18,202	(NA)	22,710	68,843	662,144	730,987	(NA)	(NA)	(NA)
		(NA)	18	(NA)	12,553	10,326	11,253	(NA)	7,823	25,314	264,085	289,399	(NA)	(NA)	(NA)
		(NA)	19	(NA)	10,339	7,275	9,399	(NA)	5,621	22,341	226,288	248,629	(NA)	(NA)	(NA)
2063 (old SIC 2063)	Beet sugar <sup>8</sup>	15	66	66	10,324	49,217	9,036	20,947	41,220	130,393	255,037	392,212	7,970	100	100
		15	65	65	11,019	42,453	9,431	19,911	35,245	113,741	203,446	300,951	5,910	100	100
		(NA)	(NA)	(NA)	11,217	41,347	9,625	20,637	33,871	<sup>9</sup> 98,392	199,729	298,121	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	10,570	36,929	8,830	18,334	29,747	<sup>9</sup> 99,816	164,696	264,233	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	11,575	37,313	10,000	20,453	30,902	<sup>9</sup> 97,157	167,671	264,549	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	12,634	37,485	10,994	22,437	31,395	<sup>9</sup> 80,950	187,506	268,177	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	11,096	31,621	9,769	19,753	26,326	<sup>9</sup> 82,083	143,728	225,532	(NA)	(NA)	(NA)
		17	74	(NA)	13,412	35,569	11,634	25,935	29,958	<sup>9</sup> 118,048	<sup>9</sup> 187,485	<sup>9</sup> 262,872	12,520	100	100
		(NA)	85	(NA)	12,324	16,408	10,410	(NA)	12,361	49,445	68,000	117,000	(NA)	(NA)	(NA)
		(NA)	87	(NA)	10,937	15,099	9,366	(NA)	11,733	38,000	55,000	93,000	(NA)	(NA)	(NA)
		(NA)	77	(NA)	10,798	12,532	9,232	(NA)	9,338	24,000	58,000	82,000	(NA)	(NA)	(NA)
		(NA)	84	(NA)	11,907	13,057	10,706	(NA)	10,884	51,006	76,127	127,133	(NA)	(NA)	(NA)
		(NA)	67	(NA)	(NA)	(NA)	6,241	(NA)	7,548	23,347	62,325	85,672	(NA)	(NA)	(NA)
		(NA)	82	(NA)	8,943	12,819	7,496	(NA)	10,021	37,593	70,960	108,553	(NA)	(NA)	(NA)
		(NA)	79	(NA)	8,872	12,725	7,402	(NA)	9,710	25,910	79,017	104,927	(NA)	(NA)	(NA)
		(NA)	89	(NA)	10,403	15,281	8,872	(NA)	12,088	45,301	87,038	132,339	(NA)	(NA)	(NA)
		(NA)	84	(NA)	9,602	14,394	7,571	(NA)	10,103	47,494	70,820	118,314	(NA)	(NA)	(NA)
		(NA)	92	(NA)	16,008	27,643	13,602	(NA)	22,658	17,241	121,869	139,110	(NA)	(NA)	(NA)
		(NA)	85	(NA)	14,189	20,336	11,781	(NA)	15,908	62,127	87,029	149,156	(NA)	(NA)	(NA)
		(NA)	60	(NA)	9,633	8,865	7,997	(NA)	6,606	21,206	41,399	62,605	(NA)	(NA)	(NA)
		(NA)	58	(NA)	8,388	6,578	7,204	(NA)	4,808	20,857	27,265	48,122	(NA)	(NA)	(NA)
		(NA)	51	(NA)	4,726	3,491	3,963	(NA)	2,487	9,907	14,487	24,394	(NA)	(NA)	(NA)
		(NA)	30	(NA)	2,320	1,449	1,970	(NA)	1,092	2,520	4,804	7,324	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per-cent)	Coverage ratio <sup>7</sup> (per-cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2071 (old SIC 2071)	Confectionery products														
	1958.....	1,327	1,390	421	66,395	236,685	54,237	104,716	168,057	511,688	726,863	1,227,955	24,730	96	96
	1957 <sup>12</sup> .....	(NA)	(NA)	(NA)	66,908	227,956	53,250	103,306	157,763	500,352	634,268	1,130,400	19,307	94	95
	1956 <sup>12</sup> .....	(NA)	(NA)	(NA)	68,938	225,167	54,551	107,321	155,829	474,609	610,172	1,069,881	21,357	(NA)	(NA)
	1955 <sup>12</sup> .....	(NA)	(NA)	(NA)	68,117	210,190	54,890	106,710	146,687	454,589	587,756	1,034,568	15,579	(NA)	(NA)
	1954.....	(NA)	1,434	446	66,799	201,706	55,220	107,952	143,850	431,883	605,474	1,034,955	13,399	96	96
	1953 <sup>12</sup> .....	(NA)	(NA)	(NA)	67,911	199,578	56,690	111,874	144,148	412,136	563,455	975,591	(NA)	(NA)	(NA)
	1952 <sup>12</sup> .....	(NA)	(NA)	(NA)	69,195	201,283	55,703	114,585	140,676	383,953	607,887	991,840	(NA)	(NA)	(NA)
	1951 <sup>12</sup> .....	(NA)	(NA)	(NA)	66,989	187,908	54,962	111,388	131,412	378,380	582,524	960,904	(NA)	(NA)	(NA)
	1947.....	(NA)	1,686	550	75,165	167,886	64,883	130,694	123,046	413,852	531,073	944,925	25,602	99	97
	1939.....	(NA)	1,252	(NA)	61,111	63,124	49,740	(NA)	41,085	127,026	170,736	297,762	(NA)	(NA)	(NA)
	1937.....	(NA)	1,226	(NA)	59,230	55,040	53,722	(NA)	43,441	123,058	182,781	305,839	(NA)	(NA)	(NA)
	1935.....	(NA)	1,314	(NA)	58,083	51,751	52,109	(NA)	39,252	106,151	153,738	259,889	(NA)	(NA)	(NA)
	1933.....	(NA)	1,218	(NA)	55,991	40,614	50,609	(NA)	32,991	97,669	114,164	211,833	(NA)	(NA)	(NA)
	1931.....	(NA)	1,566	(NA)	(NA)	(NA)	51,262	(NA)	42,153	139,409	144,748	284,157	(NA)	(NA)	(NA)
	1929.....	(NA)	2,021	(NA)	72,718	80,028	63,501	(NA)	56,443	178,078	215,192	393,270	(NA)	(NA)	(NA)
	1927.....	(NA)	1,908	(NA)	73,142	81,545	63,163	(NA)	56,981	173,554	218,373	391,927	(NA)	(NA)	(NA)
	1925.....	(NA)	1,931	(NA)	74,255	77,861	63,600	(NA)	55,235	173,648	205,433	379,081	(NA)	(NA)	(NA)
	1923.....	(NA)	2,014	(NA)	74,561	79,124	63,485	(NA)	54,882	163,537	202,719	366,256	(NA)	(NA)	(NA)
	1921.....	(NA)	2,254	(NA)	72,496	72,016	61,004	(NA)	50,210	139,926	174,072	313,998	(NA)	(NA)	(NA)
	1919.....	(NA)	3,149	(NA)	90,836	85,706	76,493	(NA)	54,461	195,292	252,434	447,726	(NA)	(NA)	(NA)
	1914 <sup>13</sup> .....	(NA)	2,317	(NA)	60,881	32,165	51,610	(NA)	20,644	59,993	93,693	153,686	(NA)	(NA)	(NA)
2072 (old SIC 2072)	Chocolate and cocoa products														
	1958.....	26	28	25	8,271	38,427	6,492	13,193	27,510	135,098	318,577	447,156	4,129	98	87
	1957 <sup>12</sup> .....	(NA)	(NA)	(NA)	8,071	35,986	6,691	13,926	26,582	117,661	296,202	409,702	6,033	94	94
	1956 <sup>12</sup> .....	(NA)	(NA)	(NA)	8,102	33,692	6,581	13,716	24,673	99,514	287,275	387,280	4,168	(NA)	(NA)
	1955 <sup>12</sup> .....	(NA)	(NA)	(NA)	8,347	33,912	6,597	13,285	23,556	92,617	318,115	415,867	3,580	(NA)	(NA)
	1954.....	27	28	24	8,465	33,133	6,677	13,503	23,219	85,741	351,853	433,632	3,636	98	89
	1953 <sup>12</sup> .....	(NA)	(NA)	(NA)	10,182	36,860	7,850	15,309	25,397	97,799	300,745	398,544	(NA)	(NA)	(NA)
	1952 <sup>12</sup> .....	(NA)	(NA)	(NA)	9,195	32,927	7,632	15,269	24,065	89,828	284,089	373,917	(NA)	(NA)	(NA)
	1951 <sup>12</sup> .....	(NA)	(NA)	(NA)	9,667	33,261	8,005	16,183	24,524	80,608	287,011	367,619	(NA)	(NA)	(NA)
	1950 <sup>12</sup> .....	(NA)	(NA)	(NA)	10,202	33,091	8,403	17,521	23,807	89,009	267,924	356,933	(NA)	(NA)	(NA)
	1949 <sup>12</sup> .....	(NA)	(NA)	(NA)	10,094	31,411	7,914	17,762	23,484	93,796	249,764	343,560	(NA)	(NA)	(NA)
	1947.....	31	31	(NA)	9,605	27,480	7,708	15,933	19,174	98,276	251,631	349,907	6,013	99	100
	1939.....	(NA)	39	(NA)	8,831	13,030	6,464	(NA)	7,711	35,559	63,459	99,018	(NA)	(NA)	(NA)
	1937.....	(NA)	40	(NA)	8,473	10,408	7,402	(NA)	8,129	28,215	74,131	102,346	(NA)	(NA)	(NA)
	1935.....	(NA)	44	(NA)	9,383	10,368	8,291	(NA)	7,996	26,640	66,407	93,047	(NA)	(NA)	(NA)
	1933.....	(NA)	54	(NA)	7,181	7,542	9,460	(NA)	6,115	26,182	41,572	67,754	(NA)	(NA)	(NA)
	1931.....	(NA)	55	(NA)	(NA)	(NA)	5,677	(NA)	6,649	37,301	50,045	87,346	(NA)	(NA)	(NA)
	1929.....	(NA)	59	(NA)	7,068	10,276	6,249	(NA)	7,778	39,992	79,549	119,541	(NA)	(NA)	(NA)
	1927.....	(NA)	69	(NA)	7,345	10,125	6,427	(NA)	7,339	32,300	90,423	122,723	(NA)	(NA)	(NA)
	1925.....	(NA)	60	(NA)	8,477	11,343	7,128	(NA)	7,992	33,120	73,522	106,642	(NA)	(NA)	(NA)
	1923.....	(NA)	58	(NA)	8,378	11,481	6,876	(NA)	7,730	34,688	60,843	95,531	(NA)	(NA)	(NA)
	1921.....	(NA)	55	(NA)	8,010	10,345	6,652	(NA)	7,278	32,515	49,134	81,649	(NA)	(NA)	(NA)
	1919.....	(NA)	48	(NA)	10,266	13,309	9,083	(NA)	9,270	37,504	101,754	139,258	(NA)	(NA)	(NA)
	1914.....	(NA)	36	(NA)	5,039	3,489	4,160	(NA)	2,036	11,230	24,483	35,713	(NA)	(NA)	(NA)
	1909.....	(NA)	27	(NA)	3,394	2,239	2,826	(NA)	1,269	6,867	15,523	22,390	(NA)	(NA)	(NA)
	1904.....	(NA)	25	(NA)	2,381	1,285	2,090	(NA)	822	4,667	9,723	14,390	(NA)	(NA)	(NA)
	1899.....	(NA)	24	(NA)	1,603	897	1,314	(NA)	526	2,789	6,877	9,666	(NA)	(NA)	(NA)
2073 (old SIC 2073)	Chewing gum														
	1958.....	24	26	15	5,344	23,918	3,778	7,268	14,080	102,280	73,399	175,941	3,221	92	96
	1957 <sup>12</sup> .....	(NA)	(NA)	(NA)	5,006	22,280	3,855	7,436	14,456	105,274	71,556	175,501	1,359	92	96
	1956 <sup>12</sup> .....	(NA)	(NA)	(NA)	4,912	21,118	3,764	7,331	14,082	97,840	67,063	165,674	3,268	(NA)	(NA)
	1955 <sup>12</sup> .....	(NA)	(NA)	(NA)	5,045	20,830	3,902	7,577	14,048	95,639	65,671	161,110	(S)	(NA)	(NA)
	1954.....	27	28	16	5,161	20,149	4,019	7,806	14,034	92,227	66,852	159,036	4,235	95	98
	1952 <sup>12</sup> .....	(NA)	(NA)	(NA)	4,956	18,421	3,739	7,117	12,685	84,171	76,012	160,183	(NA)	(NA)	(NA)
	1951 <sup>12</sup> .....	(NA)	(NA)	(NA)	4,911	17,295	3,711	7,056	11,714	74,819	69,265	144,084	(NA)	(NA)	(NA)
	1949 <sup>12</sup> .....	(NA)	(NA)	(NA)	5,964	19,198	4,696	9,272	13,052	70,364	70,890	141,254	(NA)	(NA)	(NA)
	1947.....	35	37	(NA)	6,940	19,192	5,472	11,583	13,446	74,937	73,349	148,286	4,595	(D)	(D)
	1939.....	(NA)	27	(NA)	3,693	5,437	2,627	(NA)	3,286	43,153	17,630	60,783	(NA)	(NA)	(NA)
	1937.....	(NA)	25	(NA)	2,839	3,935	2,401	(NA)	2,967	39,834	16,888	56,722	(NA)	(NA)	(NA)
	1935.....	(NA)	26	(NA)	2,794	3,604	2,315	(NA)	2,417	32,781	14,985	47,766	(NA)	(NA)	(NA)
	1933.....	(NA)	31	(NA)	2,574	2,759	2,252	(NA)	2,232	29,055	12,599	41,654	(NA)	(NA)	(NA)
	1931.....	(NA)	35	(NA)	(NA)	(NA)	2,147	(NA)	2,463	34,516	16,824	51,340	(NA)	(NA)	(NA)
	1929.....	(NA)	37	(NA)	2,852	4,195	2,265	(NA)	2,733	36,929	23,231	60,160	(NA)	(NA)	(NA)
	1927.....	(NA)	40	(NA)	3,257	4,414	2,524	(NA)	2,727	34,833	27,168	62,001	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2073	Chewing gum—Con.	(NA)	41	(NA)	2,639	3,469	2,180	(NA)	2,538	29,870	17,968	47,838	(NA)	(NA)	(NA)
	1925.....	(NA)	45	(NA)	2,541	3,174	2,052	(NA)	2,233	25,384	15,487	40,871	(NA)	(NA)	(NA)
	1923.....	(NA)	50	(NA)	2,557	3,343	1,994	(NA)	2,149	18,957	19,908	38,865	(NA)	(NA)	(NA)
	1921.....	(NA)	62	(NA)	4,033	4,327	3,190	(NA)	2,680	26,038	25,202	51,240	(NA)	(NA)	(NA)
	1919.....	(NA)	74	(NA)	2,668	1,649	2,048	(NA)	828	9,838	7,322	17,160	(NA)	(NA)	(NA)
	1914 <sup>12</sup> .....	(NA)													

NA Not available.

D Withheld to avoid disclosing figures for individual companies.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November (However, for Industries 2061, 2062, and 2063 the 1954 figure for all employees is the average of the 12 monthly figures and the figure for production workers was calculated by subtracting from the all employees total, the average number of nonproduction employees for March, May, August, and November); for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2061	15,431	2071	422,314
2062	138,971	2072	81,745
2063	96,357	2073	92,150

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. Excise taxes are not included in cost of materials or value of products for the sugar industries (2061, 2062, 2063). Previously published figures for these industries for 1935, 1937 and 1939 have been adjusted to exclude estimated excise tax. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2061	50,033	49,156	2071	686,605	570,282
2062	807,287	725,141	2072	318,314	351,096
2063	245,862	194,891	2073	72,652	65,930

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. Excise taxes are not included in the cost of materials or value of products for the sugar industries (2061, 2062, 2063). Previously published figures for these industries for 1935, 1937, and 1939 have been adjusted for to exclude estimated excise tax. See Introduction, "Value of Shipments." For 1939 and prior years, the figures represent value of production rather than value of shipments. However, in 1929 the figures for industries 2071, 2072, and 2073 represent value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2061	72,342	64,588	2071	1,180,119	992,597
2062	991,258	864,113	2072	446,831	432,842
2063	382,091	291,248	2073	175,142	158,081

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1947-1954 generally cover the calendar year except that some producers reported for the seasons beginning in the respective years. (See text on industry.) The figures for 1931-1939 cover the seasons beginning in the respective census years, and for prior years for the seasons ending in those years. Thus the figures given for 1939 cover the season 1939-40, whereas, the figures for 1921 apply to the season 1920-21. In 1925, 1927, and 1929, however, most of the establishments in Industry 2061 "Raw cane sugar" and a few establishments in Industry 2063 "Beet sugar," reported for the seasons 1925-26, 1927-28, and 1929-30, instead of 1924-25, 1926-27, and 1928-29.

<sup>9</sup>Value added by manufacture does not equal the published value of products shipped less cost of materials, etc. because an estimated value of production was used in the calculation in place of value of products shipped. Since the 1949-1953 figures are estimates derived from 1947 base totals, the same inequality may exist for these years.

<sup>10</sup>No comparable figures are available for earlier years. Prior to 1909, "Raw cane sugar" and "Cane sugar refining" constituted a single industry.

<sup>11</sup>Includes 3 small establishments reporting the manufacture of liquid sugar.

<sup>12</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>13</sup>"Confectionery products" and "Chewing gum" formerly were combined in one industry. Separate statistics for each are therefore not available for years prior to 1914.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- penditures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2061	Raw cane sugar, total.....	50	44	3,011	9,388	2,581	5,844	7,498	21,841	72,553	1,815	3,078	15,431	4,635
	South.....	50	44	3,011	9,388	2,581	5,844	7,498	21,841	72,553	1,815	3,078	15,431	4,635
2062	Cane sugar refining, total.....	28	25	15,213	83,962	11,807	25,321	63,371	184,824	997,288	24,329	16,068	138,971	17,376
	Northeast.....	10	9	7,101	41,842	5,337	10,997	30,445	80,880	417,284	8,616	7,788	60,243	7,659
	New York.....	6	5	3,636	22,121	2,641	3,631	15,430	39,184	213,661	5,175	3,815	29,519	3,671
	North Central.....	6	5	245	1,341	184	420	972	3,219	23,028	1,641	143	1,793	93
	South and West....	12	11	7,867	40,779	6,286	13,904	31,954	100,725	556,976	14,072	8,136	76,935	9,624
2063	Beet sugar, total...	66	66	10,324	49,217	9,036	20,947	41,220	130,393	392,212	7,970	11,019	96,357	13,412
	North Central.....	20	20	2,543	12,867	2,129	5,467	10,238	28,646	86,332	1,587	2,543	21,076	3,445
	West.....	46	46	7,781	36,350	6,907	15,480	30,982	101,747	305,880	6,383	8,476	75,280	9,967
	Montana.....	4	4	594	3,220	509	1,356	2,597	8,193	23,924	499	632	6,376	944
	Utah.....	5	5	565	2,166	511	927	1,768	5,959	14,225	122	575	2,684	725
2071	Confectionery prod- ucts, total.....	1,390	421	66,395	236,685	54,237	104,716	168,057	511,688	1,227,955	24,730	66,799	422,314	75,165
	New England.....	99	34	6,866	24,298	5,725	10,909	17,619	49,697	117,075	2,085	7,011	37,592	8,288
	Massachusetts...	70	28	5,909	20,763	4,904	9,326	14,945	36,770	89,247	1,796	6,158	30,093	7,339
	Middle Atlantic...	420	129	19,742	69,900	16,624	31,990	51,490	151,083	333,022	9,525	20,047	124,278	21,287
	New York.....	164	56	8,807	31,185	7,358	14,157	23,246	61,909	137,684	2,161	8,779	52,441	9,525
	New Jersey.....	62	15	3,180	12,968	2,615	5,119	9,003	30,465	71,494	5,198	2,759	22,953	2,154
	Pennsylvania....	194	58	7,755	25,747	6,651	12,714	19,241	58,709	123,844	2,166	8,508	48,884	9,608
	East North Central	300	93	18,570	76,082	14,955	29,723	52,970	166,905	411,240	7,041	19,757	144,207	21,021
	Indiana.....	15	7	775	3,133	647	1,290	2,244	6,437	19,586	(2)	836	5,502	897
	Illinois.....	122	57	14,283	60,965	11,436	22,912	41,780	139,326	340,276	5,990	15,066	120,729	15,938
	West North Central	70	28	3,710	12,599	2,957	5,932	8,684	25,559	64,883	1,175	3,069	17,191	4,802
	Minnesota.....	20	10	981	3,416	841	1,649	2,483	8,103	22,395	(2)	1,035	5,863	1,173
	Missouri.....	22	9	1,214	4,071	820	1,691	2,547	6,929	16,513	(2)	1,103	5,911	2,621
	South and West....	501	137	17,507	53,806	13,976	26,162	37,294	118,444	301,735	4,904	16,912	99,044	19,767
	Maryland.....	26	11	629	1,711	521	958	1,221	3,612	4,994	(2)	703	2,679	644
	Virginia.....	20	10	2,388	6,507	2,206	4,222	5,496	21,790	61,876	720	2,208	16,835	1,955
	North Carolina..	12	3	260	629	211	412	439	1,277	3,501	(2)	490	6,000	534
	Georgia.....	34	14	2,571	7,644	2,069	4,038	5,080	16,656	38,222	776	2,387	11,837	2,796
	Florida.....	26	4	307	792	259	468	597	1,419	3,497	(2)	256	867	302
	Kentucky.....	14	3	504	1,248	379	686	750	1,663	4,405	(2)	542	1,754	566
	Alabama.....	17	6	482	1,052	420	771	906	1,867	7,393	(2)	355	1,499	408
	Louisiana.....	13	4	368	1,060	304	527	676	2,155	4,425	(2)	355	1,629	549
	Oklahoma.....	14	1	237	656	201	402	522	1,180	3,400	(2)	257	847	329
	Texas.....	66	16	1,687	5,121	1,403	2,598	3,595	12,045	30,984	561	1,469	8,726	2,315
	Colorado.....	13	3	492	1,306	375	722	1,010	1,897	5,274	(2)	477	1,665	472
	Utah.....	20	5	496	1,639	371	730	994	2,616	5,535	146	526	2,627	724
	California.....	135	42	4,885	17,764	3,499	6,430	11,370	35,959	93,664	1,252	4,716	31,149	5,010
2072	Chocolate and cocoa products, total....	28	25	8,271	38,427	6,492	13,193	27,510	135,098	447,156	4,129	8,465	81,745	9,605
	Northeast and North Central....	24	21	8,079	37,354	6,352	12,926	26,873	132,677	436,129	4,069	8,243	79,439	(D)
	New York.....	6	4	1,702	8,272	1,278	2,597	5,730	44,146	99,899	844	2,175	23,595	2,680
	Pennsylvania....	6	5	4,446	18,689	3,775	7,473	14,811	61,099	213,955	1,508	4,225	43,526	4,809
	Pacific.....	4	4	192	1,073	140	267	637	2,421	11,027	60	222	2,306	(D)
2073	Chewing gum, total..	26	15	5,344	23,918	3,778	7,268	14,080	102,280	175,941	3,221	5,161	92,150	6,940
	Northeast and North Central....	20	13	5,047	22,713	3,521	6,751	13,200	95,526	162,529	2,921	5,012	90,681	6,591
	New York.....	7	4	3,051	14,542	1,955	3,771	7,761	46,782	76,607	1,704	2,797	42,825	3,002
	Pennsylvania....	4	3	687	2,850	494	927	1,649	5,745	11,038	206	831	7,582	1,185
	South and West....	6	2	297	1,205	257	517	880	6,754	13,412	300	148	1,468	349

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2061, Raw Cane Sugar: South—Georgia, 1 (1-19); Florida, 3 (500-999); Tennessee, 1 (1-19); Louisiana, 45 (2,449).

SIC 2062, Cane Sugar Refining: Northeast—Massachusetts, 2 (1,000-2,499); Pennsylvania, 2 (1,000-2,499); North Central—Ohio, 2 (20-99); Indiana, 1 (20-99); Illinois, 2 (100-249); Missouri, 1 (20-99); South and West—Maryland, 1 (1,000-2,499); Georgia, 1 (500-999); Louisiana, 8 (3,803); Texas, 1 (500-999); California, 1 (1,000-2,499).

SIC 2063, Beet Sugar: North Central—Ohio, 3 (250-499); Michigan, 5 (500-999); Wisconsin, 1 (100-249); Minnesota, 4 (250-499); Iowa, 1 (100-249); South Dakota, 1 (20-99); Nebraska, 5 (500-999); West—Idaho, 6 (500-999); Wyoming, 3 (250-499); Colorado, 14 (2,026); Washington, 2 (250-499); Oregon, 1 (250-499); California, 11 (2,763).

SIC 2071, Confectionery Products: New England—Maine, 7 (20-99); New Hampshire, 2 (1-19); Vermont, 4 (20-99); Rhode Island, 6 (250-499); Connecticut, 10 (250-499); East North Central—Michigan, 37 (500-999); Ohio, 98 (1,000-2,499); Wisconsin, 28 (1,000-2,499); West North Central—Iowa, 16 (250-499); North Dakota, 1 (1-19); South Dakota, 1 (100-249); Nebraska, 6 (500-999); Kansas, 4 (20-99); South and West—District of Columbia, 3 (1-19); West Virginia, 6 (20-99); South Carolina, 5 (100-249); Tennessee, 20 (500-999); Mississippi, 3 (1-19); Arkansas, 5 (20-99); Montana, 3 (1-19); Idaho, 1 (1-19); Wyoming, 1 (1-19); New Mexico, 3 (20-99); Arizona, 3 (1-19); Nevada, 1 (1-19); Oregon, 13 (250-499); Washington, 24 (500-999).

SIC 2072, Chocolate and Cocoa Products: Northeast and North Central—Massachusetts, 3 (1,000-2,499); New Jersey, 5 (250-499); Illinois, 2 (250-499); Wisconsin, 2 (250-499); Pacific—Washington, 1 (20-99); California, 3 (100-249).

SIC 2073, Chewing Gum: Northeast and North Central—Massachusetts, 2 (100-249); New Jersey, 1 (20-99); Ohio, 3 (20-99); Illinois, 3 (1,107); South and West—Tennessee, 2 (100-249); California, 4 (100-249).

2 Less than \$500 thousand.

Table 3.-Detailed Statistics for the United States: 1958

Item	Raw cane sugar (SIC 2061)	Cane sugar refining (SIC 2062)	Beet sugar (SIC 2063)	Confec- tionary products (SIC 2071)	Chocolate and cocoa products (SIC 2072)	Chewing gum (SIC 2073)
Primary products specialization ratio <sup>1</sup> .....	97	100	100	96	98	92
Coverage ratio <sup>2</sup> .....	100	100	100	96	87	96
Number of establishments, total.....	50	28	66	1,390	28	26
With 1-19 employees.....	6	3	10	969	3	11
With 20-99 employees.....	37	5	10	284	14	4
With 100 employees or more.....	7	20	56	137	11	11
Proprietors and working partners.....Number.....	20	...	...	987	...	4
All employees:						
Number (average for the year).....	<sup>2</sup> 2,847	<sup>3</sup> 15,294	<sup>3</sup> 10,871	66,395	8,271	5,344
Payroll.....\$1,000.....	9,388	83,962	49,217	236,685	38,427	23,918
Production workers:						
Number (average for the year).....	<sup>2</sup> 2,417	<sup>3</sup> 11,888	<sup>3</sup> 9,333	54,237	6,492	3,778
January.....	1,939	11,890	10,511	(NA)	(NA)	(NA)
February.....	1,845	11,900	5,142	(NA)	(NA)	(NA)
March.....	1,877	11,418	4,422	53,701	6,459	3,646
April.....	1,456	12,033	4,865	(NA)	(NA)	(NA)
May.....	1,417	11,964	6,898	48,339	6,079	3,815
June.....	1,482	12,215	5,693	(NA)	(NA)	(NA)
July.....	1,452	11,970	5,958	(NA)	(NA)	(NA)
August.....	1,439	11,969	5,884	52,898	6,500	4,017
September.....	1,493	11,965	8,350	(NA)	(NA)	(NA)
October.....	3,852	11,666	20,436	(NA)	(NA)	(NA)
November.....	5,591	11,875	18,940	62,010	6,930	3,635
December.....	5,163	11,785	14,897	(NA)	(NA)	(NA)
Man-hours.....1,000.....	5,844	25,321	20,947	104,716	13,193	7,268
January-March.....	927	6,053	3,446	26,433	3,316	1,741
April-June.....	676	6,316	2,793	23,833	3,152	1,908
July-September.....	672	6,648	3,413	24,697	3,164	1,857
October-December.....	3,569	6,304	11,295	29,753	3,561	1,762
Wages.....\$1,000.....	7,498	63,371	41,220	168,057	27,510	14,080
Cost of materials, etc., total.....do.....	50,234	812,624	255,037	726,863	318,577	73,399
Materials, parts, containers, and supplies consumed.....do.....	48,515	795,809	228,978	675,500	314,715	71,785
Cost of resales.....do.....	201	5,337	9,175	40,258	263	747
Fuels consumed.....do.....	1,282	10,916	16,069	4,645	1,905	345
Electricity purchased.....do.....	228	292	765	5,559	1,679	463
Contract work.....do.....	8	270	50	901	15	59
Value of shipments (including resales), total.....do.....	72,553	997,288	392,212	1,227,955	447,156	175,941
Value of resales.....do.....	211	6,030	10,121	47,836	325	799
Value added by manufacture, adjusted.....do.....	21,841	184,824	130,393	511,688	135,098	102,280
Manufacturers' inventories:						
Beginning of year, total.....do.....	9,289	85,015	136,835	144,857	81,082	32,970
Finished products.....do.....	6,811	33,616	111,481	53,878	31,711	5,229
Work-in-process.....do.....	300	8,677	2,011	8,380	8,337	747
Materials, supplies, fuel, etc.....do.....	2,178	42,722	23,343	82,599	41,034	26,994
End of year, total.....do.....	8,510	101,512	130,624	161,964	88,762	31,507
Finished products.....do.....	6,614	34,493	105,716	63,112	36,426	5,013
Work-in-process.....do.....	19	7,960	994	9,742	10,141	702
Materials, supplies, fuel, etc.....do.....	1,877	59,059	23,914	89,110	42,195	25,792
Expenditures for plant and equipment, total.....do.....	(D)	(D)	(D)	<sup>r</sup> 25,418	(D)	3,254
New, total.....do.....	1,815	24,329	7,970	<sup>r</sup> 24,730	4,129	3,221
New structures and additions to plant.....do.....	<sup>r</sup> 185	5,171	<sup>r</sup> 779	<sup>r</sup> 7,214	<sup>r</sup> 917	<sup>r</sup> 345
New machinery and equipment.....do.....	1,630	19,158	7,191	17,516	3,212	2,876
Used plant and equipment.....do.....	(D)	(D)	<sup>r</sup> 403	<sup>r</sup> 688	(D)	<sup>r</sup> 33

Note: Detailed figures may not add to totals because of independent rounding.  
D withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Figures for average number of "production workers" and "all employees" do not agree with those appearing in tables 1, 2, 4, and 8. In table 3, the figure for production workers is the average of the twelve monthly figures whereas in tables 1, 2, 4, and 8 it is the average of the figures for the months of March, May, August, and November. In all tables the figures for "all employees" is the sum of the respective average production workers and the nonproduction workers as of November 15. See table 1, footnote 2.

<sup>4</sup>Less than \$500 thousand.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2061	Raw cane sugar:											
	Number of establishments.....	50	4	2	...	17	20	6	1	...	...	...
	All employees:											
	Number.....	3,011	18	(D)	...	652	1,342	999	(D)	...	...	...
	Payroll.....\$1,000..	9,388	<u>63</u>	(D)	...	1,952	4,276	<u>3,097</u>	(D)	...	...	...
	Value added, adjusted..do....	21,841	140	(D)	...	4,275	9,675	<u>7,751</u>	(D)	...	...	...
	Value of shipments.....do....	72,553	<u>392</u>	(D)	...	14,496	32,943	<u>24,722</u>	(D)	...	...	...
	Capital expend., new...do....	1,815	<u>(<sup>1</sup>)</u>	(D)	...	<u>(<sup>1</sup>)</u>	1,156	<u>(<sup>1</sup>)</u>	(D)	...	...	...
2062	Cane sugar refining:											
	Number of establishments.....	28	1	1	1	5	...	1	5	8	6	...
	All employees:											
	Number.....	15,213	22	(D)	(D)	<u>275</u>	...	(D)	1,622	5,748	7,546	...
	Payroll.....\$1,000..	83,962	<u>84</u>	(D)	(D)	<u>1,536</u>	...	(D)	7,797	30,705	43,840	...
	Value added, adjusted..do....	184,824	<u>147</u>	(D)	(D)	<u>4,249</u>	...	(D)	16,571	68,371	95,486	...
	Value of shipments.....do....	997,288	<u>1,063</u>	(D)	(D)	<u>29,209</u>	...	(D)	115,055	369,334	482,627	...
	Capital expend., new...do....	24,329	<u>1,665</u>	(D)	(D)	<u>(D)</u>	...	(D)	1,746	9,372	11,546	...
2063	Beet sugar:											
	Number of establishments.....	66	...	...	...	1	9	51	4	1	...	...
	All employees:											
	Number.....	10,324	...	...	...	813	(D)	7,665	<u>1,846</u>	(D)	...	...
	Payroll.....\$1,000..	49,217	...	...	...	<u>4,022</u>	(D)	37,532	<u>7,663</u>	(D)	...	...
	Value added, adjusted..do....	130,393	...	...	...	<u>8,096</u>	(D)	100,510	<u>21,787</u>	(D)	...	...
	Value of shipments.....do....	392,212	...	...	...	<u>25,103</u>	(D)	292,832	<u>74,277</u>	(D)	...	...
	Capital expend., new...do....	7,970	...	...	...	...	(D)	5,320	<u>2,472</u>	(D)	...	...
2071	Confectionery products:											
	Number of establishments.....	1,390	530	213	226	174	110	82	31	15	9	...
	All employees:											
	Number.....	66,395	1,062	1,439	3,127	5,427	7,866	13,074	10,942	9,839	13,619	...
	Payroll.....\$1,000..	236,685	2,318	3,722	8,464	17,161	26,583	45,785	39,556	36,299	56,797	...
	Value added, adjusted..do....	511,688	6,008	9,197	17,735	34,436	59,011	91,616	90,073	79,324	124,288	...
	Value of shipments.....do....	1,227,955	13,937	22,798	44,206	86,423	146,050	228,069	205,200	189,586	291,686	...
	Capital expend., new...do....	24,730	1,337	726	1,476	1,766	2,377	2,688	2,700	6,159	5,501	...
2072	Chocolate and cocoa products:											
	Number of establishments.....	28	...	2	1	5	9	3	5	1	1	1
	All employees:											
	Number.....	8,271	...	<u>193</u>	(D)	(D)	<u>1,059</u>	(D)	1,507	<u>5,512</u>	(D)	(D)
	Payroll.....\$1,000..	38,427	...	<u>1,040</u>	(D)	(D)	<u>5,554</u>	(D)	6,870	<u>24,963</u>	(D)	(D)
	Value added, adjusted..do....	135,098	...	<u>3,713</u>	(D)	(D)	<u>17,360</u>	(D)	13,656	<u>100,369</u>	(D)	(D)
	Value of shipments.....do....	447,156	...	<u>17,928</u>	(D)	(D)	<u>70,470</u>	(D)	60,080	<u>298,678</u>	(D)	(D)
	Capital expend., new...do....	4,129	...	<u>(<sup>1</sup>)</u>	(D)	(D)	<u>1,494</u>	(D)	605	<u>1,946</u>	(D)	(D)
2073	Chewing gum:											
	Number of establishments.....	26	4	3	4	3	1	5	3	2	1	...
	All employees:											
	Number.....	5,344	8	18	57	215	(D)	673	1,108	<u>3,265</u>	(D)	...
	Payroll.....\$1,000..	23,918	22	84	199	<u>822</u>	(D)	2,558	5,325	<u>14,808</u>	(D)	...
	Value added, adjusted..do....	102,280	33	161	768	<u>1,238</u>	(D)	9,433	18,057	<u>72,590</u>	(D)	...
	Value of shipments.....do....	175,941	77	566	2,166	<u>2,946</u>	(D)	19,100	30,344	<u>120,742</u>	(D)	...
	Capital expend., new...do....	3,221	...	<u>(<sup>1</sup>)</u>	(D)	<u>172</u>	(D)	<u>(<sup>1</sup>)</u>	1,012	<u>1,542</u>	(D)	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2061	Raw cane sugar.....1958..	72,553	70,020	<sup>3</sup> 2,533	( <sup>3</sup> )	97	70,020	70,020	...	100
	1954..	64,715	62,060	2,501	154	96	63,994	62,060	1,934	97
2062	Cane sugar refining.....1958..	997,288	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	100	996,186	( <sup>4</sup> )	( <sup>4</sup> )	100
	1954..	866,835	861,386	327	5,122	100	863,969	861,386	2,583	100
2063	Beet sugar.....1958..	392,212	379,828	1,013	11,371	100	379,828	379,828	...	100
	1954..	300,951	289,561	464	10,926	100	289,561	289,561	...	100
2071	Confectionery products.....1958..	1,227,955	1,120,948	50,063	56,944	96	1,172,850	1,120,948	51,902	96
	1954..	1,054,955	940,288	43,794	50,873	96	982,501	940,288	42,213	96
2072	Chocolate and cocoa products....1958..	447,156	438,937	6,753	1,466	98	<sup>5</sup> 506,861	438,937	<sup>5</sup> 67,924	87
	1954..	433,632	421,528	10,106	1,998	98	471,965	421,528	50,437	89
2073	Chewing gum.....1958..	175,941	160,760	<sup>3</sup> 15,181	( <sup>3</sup> )	92	167,025	160,760	6,265	96
	1954..	159,036	150,006	7,991	1,039	95	153,524	150,006	3,518	98

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Miscellaneous receipts included with secondary products.

<sup>4</sup>Withheld to avoid disclosing figures for individual companies.

<sup>5</sup>Includes confectionery type chocolate made from purchased chocolate (see table 6A, product codes 2071681 to 2071687) and "Other chocolate products" (cooking chocolate, powdered cocoa, chocolate sirups) made from purchased chocolate (see table 6A, product codes 2099811 to 2099896). If the coverage ratio were confined exclusively to Industry 2072, it would be 100 percent, since Industry 2072 is engaged exclusively in making chocolate products from cocoa beans.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Confectionery products industry	Confectionery products (SIC 2071)	Other industries	All industries
	Total shipments of the industry.....	1,227,955	xxx	xxx
	Primary products.....	1,120,948	51,902	1,172,850
20711	Bar goods (except solid chocolate bars).....	261,942	375	262,317
20712	5¢ and 10¢ specialties.....	101,134	1,529	102,663
20713	Package goods (except solid chocolate).....	377,672	9,226	386,898
20714	Bulk goods (except solid chocolate).....	135,018	663	135,681
20715	Penny goods.....	49,572	508	50,080
20716	Salted nuts and other confectionery type products.....	177,959	38,393	216,352
20710	Confectionery products, nsk.....	17,651	1,208	18,859
	Secondary products.....	50,063	xxx	xxx
20240	Ice cream and ices.....	2,238	xxx	xxx
20338	Jams, jellies, and preserves.....	1,216	xxx	xxx
20730	Chewing gum and chewing gum base.....	6,253	xxx	xxx
20874	Other flavoring agents, except chocolate sirups.....	3,166	xxx	xxx
20999	Other food preparations, nec.....	17,429	xxx	xxx
	Other secondary products.....	19,761	xxx	xxx
	Miscellaneous receipts.....	56,944	xxx	xxx
	Contract and commission work.....	600	xxx	xxx
	Resales.....	47,836	xxx	xxx
	Other miscellaneous receipts.....	8,508	xxx	xxx
Prod. class code	Chocolate and cocoa products industry	Chocolate and cocoa products (SIC 2072)	Other industries	All industries
	Total shipments of the industry.....	447,156	xxx	xxx
	Primary products.....	438,937	67,924	506,861
20721	Chocolate coatings.....	140,298	3,324	143,622
20716 pt.	Confectionery-type chocolate.....	141,839	14,511	156,350
20722	Other chocolate and cocoa products.....	156,628	50,089	206,717
20728	Chocolate and cocoa products, nsk.....	172	...	172
20998	Secondary products.....	6,753	xxx	xxx
	Miscellaneous receipts, including resales.....	1,466	xxx	xxx

Note: Industries 2061, 2062, 2063, and 2073 are not shown in this table to avoid disclosing figures for individual companies. The publishable detail for these industries is shown in table 5A.

<sup>1</sup>Includes \$14,511 for product codes 2071681-87, confectionery type chocolate (made from purchased chocolate) which is also included with the "All industries total" and "Other industries total" for product class 20722.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2061---	Cane sugar, except refining only.....	.....	xxx	xxx	70,020	xxx	xxx	63,994
2061011	Raw cane sugar.....	Short tons..	443,139	440,383	54,965	522,685	422,941	48,740
	Other sugar mill products.....	.....	xxx	xxx	15,055	xxx	xxx	15,254
2061021	Plantation granulated sugar (not including re- fined sugar resulting from melting raws in a typical refining operation).....	Short tons..	7,187	7,082	1,082	6,635	6,438	954
2061041	Other sugar grades (yellow clarified, white clarified, turbinado, crystals, and all special grades other than granulated).....	....do.....	53,414	36,824	5,672	39,523	34,805	5,025
2061051	Sugar cane sirup (from which no sugar has been removed) <sup>2</sup> .....	....do.....	xxx	17,186	2,303	xxx	16,333	2,385
2061061	Molasses, except blackstrap (from which some sugar has been removed).....	....do.....	xxx	22,563	1,268	xxx	25,481	1,351
2061071	Blackstrap molasses (except refiners' blackstrap).....	....do.....	xxx	153,273	3,353	xxx	212,255	4,243
2061081	Bagasse.....	....do.....	xxx	484,679	1,377	xxx	496,168	1,296
2062---	Cane sugar refining.....	.....	xxx	xxx	996,186	xxx	xxx	863,969
	Refined cane sugar.....	Short tons..	5,768,077	5,701,468	989,639	5,261,364	5,286,321	858,971
2062007	Granulated cane sugar.....	....do.....	4,359,263	4,285,834	732,750	4,154,088	4,160,958	667,357
2062011	Shipped in consumer units (cartons and sacks of 1, 2, 5, 10 and 25 pounds).....	....do.....	xxx	2,321,511	410,749	xxx	2,273,035	371,852
2062013	Shipped in bulk containers (50 and 100 pound bags, and barrels).....	....do.....	xxx	1,572,297	257,930	xxx	1,723,135	270,073
2062015	Shipped in bulk (rail cars or trucks).....	....do.....	xxx	392,026	64,071	xxx	164,788	25,432
2062021	Cube and tablet sugar.....	....do.....	24,290	24,793	7,766	21,183	21,006	6,045
2062030	Confectioner's powdered (made in sugar refineries) Shipped in consumer units (containers of 10 pounds or less).....	....do.....	337,192	343,247	67,930	289,698	310,907	57,654
2062031	Shipped in bulk containers (more than 10 pounds)	....do.....	xxx	157,386	35,513	xxx	138,470	29,083
2062040	Soft or brown sugar.....	....do.....	xxx	185,861	32,417	xxx	172,437	28,571
2062041	Shipped in consumer units (containers of 10 pounds or less).....	....do.....	174,879	176,927	34,751	167,930	165,993	29,719
2062045	Shipped in bulk containers (more than 10 pounds)	....do.....	xxx	94,464	20,886	xxx	83,581	16,793
2062053	Liquid sugar or sugar sirup, sucrose type.....	....do.....	xxx	82,483	13,865	xxx	82,412	12,926
	Liquid sugar or sugar sirup, sucrose type.....	Short tons of sugar solids.....	605,930	604,723	101,865	440,083	440,623	68,608
2062055	Invert type.....	....do.....	258,375	257,575	42,714	179,297	178,683	27,748
2062061	Invert sugar, plastic.....	Short tons..	8,148	8,369	1,863	9,085	8,151	1,840
	Other cane sugar refining products and byproducts..	.....	xxx	xxx	6,547	xxx	196,121	4,998
2062071	Refiners' blackstrap and barrel sirup.....	Short tons..	xxx	215,446	5,491	xxx	185,314	3,689
2062079	Refiners' sirup, other than blackstrap and barrel sirup (includes filtered blackstrap).....	....do.....	xxx	10,139	1,056	xxx	10,807	1,309
2063---	Beet sugar.....	.....	xxx	xxx	379,828	xxx	xxx	289,561
	Refined beet sugar.....	Short tons..	2,162,231	2,079,652	337,410	1,780,434	1,672,883	257,108
2063001	Granulated beet sugar.....	....do.....	1,929,941	1,846,443	298,753	1,632,385	1,538,198	235,138
2063011	Shipped in consumer units (cartons and sacks of 1, 2, 5, 10, and 25 pounds).....	....do.....	xxx	389,213	64,652	xxx	375,383	59,678
2063013	Shipped in bulk containers (50 and 100 pound bags and barrels).....	....do.....	xxx	1,066,264	172,151	xxx	1,065,899	160,939
2063015	Shipped in bulk (rail cars or trucks).....	....do.....	xxx	390,966	61,950	xxx	96,916	14,521
2063030	Confectioner's powdered sugar (made in beet sugar factories).....	....do.....	64,729	66,391	11,390	39,777	43,512	7,455
2063031	Shipped in consumer units (containers of 10 pounds or less).....	....do.....	xxx	14,077	2,656	xxx	10,641	2,120
2063035	Shipped in bulk containers (more than 10 pounds)	....do.....	xxx	52,314	8,734	xxx	32,871	5,335
2063051	Liquid beet sugar.....	Short tons of sugar solids.....	167,561	166,818	27,267	108,272	91,173	14,515
	Other beet sugar factory products and byproducts..	....do.....	xxx	xxx	42,418	xxx	xxx	32,453
2063061	Edible beet sirup and molasses, other than liquid sugar.....	Short tons..	xxx	xxx	xxx	xxx	9,848	1,184
	Whole or straighthouse molasses:	.....						
2063071	Shipped for desugarization.....	....do.....	xxx	162,158	4,020	xxx	131,285	3,068
2063079	Shipped for other uses.....	....do.....	xxx	99,973	2,733	xxx	74,697	1,787
2063081	Discard molasses.....	....do.....	xxx	244,364	6,904	xxx	215,664	5,190
2063083	Molasses beet pulp.....	....do.....	xxx	544,093	19,765	xxx	347,900	13,459
2063085	Dried beet pulp, plain.....	....do.....	xxx	155,356	5,824	xxx	111,571	4,442
2063087	Wet beet pulp (estimated dry weight basis).....	....do.....	xxx	799,343	3,172	xxx	1,229,529	3,323

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2071--	Candy and other confectionery products.....	.....	xxx	1,172,850	xxx	<sup>3</sup> 982,501
20711--	Bar goods (except solid chocolate bars).....	.....	xxx	262,317	xxx	230,205
2071112	Chocolate covered (made by enrobing separately prepared centers with chocolate covering).....	1,000 lbs...	480,569	171,380	523,081	189,885
2071121	Confectionery (cocoa) coated.....	do.....	137,492	51,004		
2071151	Other bars.....	do.....	133,188	38,783	142,804	40,320
2071100	Bar goods, nsk.....	do.....	3,785	1,150	...	...
2071200	5-cent and 10-cent specialties (other than bars and cough drops).....	do.....	269,718	102,663	238,499	85,065
20713--	Package goods (except solid chocolate).....	do.....	xxx	386,898	xxx	297,532
	To retail at:					
2071312	\$2.00 or more per pound.....	do.....	24,508	35,327	51,448	60,006
2071321	\$1.50 to \$1.99 per pound.....	do.....	46,248	46,688		
2071331	\$1.00 to \$1.49 per pound.....	do.....	81,325	65,535		
2071351	\$0.50 to \$0.99 per pound.....	do.....	181,607	91,089		
2071371	Less than \$0.50 per pound.....	do.....	545,787	144,756	419,145	113,132
2071300	Package goods, nsk.....	do.....	8,288	3,503	...	...
20714--	Bulk goods (except solid chocolate).....	do.....	xxx	135,681	xxx	154,686
2071412	Chocolate covered.....	do.....	119,567	52,304	136,138	63,243
2071421	Confectionery (cocoa) covered.....	do.....	21,471	6,544		
2071451	Nonchocolate bulk candy (including caramels, toffees, peanut brittle, etc.).....	do.....	324,045	73,473	405,071	91,443
2071400	Bulk goods, nsk.....	do.....	13,316	3,360	...	...
2071511	Penny goods (including all goods other than bars retailing in units of 4 cents or less).....	do.....	172,782	50,080	158,893	42,563
20716--	Salted nuts and other confectionery type products (cough drops, glaces, etc.).....	do.....	xxx	216,352	xxx	<sup>4</sup> 147,285
2071611	Salted, roasted, cooked, or blanched nuts, sold in bulk.....	do.....	90,607	41,785	113,728	46,744
2071621	Cough drops, selling at retail for 10 cents or less per package.....	do.....	41,897	22,545	27,952	12,520
2071631	Canned nutmeats (including peanuts).....	do.....	62,851	41,507	45,383	29,684
2071651	Other packaged nutmeats (including peanuts).....	do.....	136,341	<sup>7</sup> 75,180	87,580	38,218
2071671	Glace, candied and crystallized fruits and nuts, nec.....	do.....	21,823	13,391	39,491	15,601
2071600	Salted nuts and other confectionery type products, nsk.....	do.....	24,079	7,433	xxx	<sup>7</sup> 118
2071000	Candy and other confectionery products, nsk.....	do.....	xxx	18,859	xxx	25,165
2072--	Chocolate and cocoa products.....	do.....	xxx	506,861	xxx	471,965
20721--	Chocolate coatings.....	do.....	xxx	143,622	xxx	( <sup>4</sup> )
2072112	Sweet.....	do.....	100,151	42,147	101,636	43,297
2072122	Milk.....	do.....	156,414	66,750	143,706	64,770
2072132	Liquor.....	do.....	42,028	16,825	44,402	22,947
2072152	Confectionery (cocoa) coatings (made chiefly from cocoa powder and fat other than cocoa butter).....	do.....	74,728	17,900	( <sup>4</sup> )	( <sup>4</sup> )
20722--	Confectionery-type chocolate.....	do.....	xxx	156,350	xxx	121,304
20722--	Made in chocolate plants.....	do.....	xxx	141,839	(NA)	(NA)
2071001-87	Confectionery-type solid bars and other molded confections (made from purchased chocolate) (see also code 20722).....	do.....	47,889	<sup>6</sup> 14,511	( <sup>4</sup> )	( <sup>4</sup> )
20716-pt	Made elsewhere.....	do.....	xxx	<sup>6</sup> 14,511	(NA)	(NA)
	Chocolate molded confections and solid bars:					
	Bar goods.....	do.....	171,242	99,038	<sup>7</sup> 212,383	<sup>7</sup> 121,304
2072232	Dark chocolate.....	do.....	4,126	2,304		
2071681	Milk chocolate-plain.....	do.....	67,697	38,192		
2072235	Milk chocolate-with nuts.....	do.....	99,419	58,542		
2071682	Package goods.....	do.....	65,941	36,569		
2072237	Other (bulk, etc.).....	do.....	28,730	13,925		
2072242	Confectionery (cocoa) molded confections and/or solid bars..	do.....	10,730	6,818	( <sup>4</sup> )	( <sup>4</sup> )
2071684	Other chocolate and cocoa products.....	do.....	xxx	206,717	xxx	218,967
2072247	Made in chocolate plants.....	do.....	xxx	156,628	(NA)	(NA)
2071685	Made elsewhere.....	do.....	xxx	<sup>8</sup> 50,089	(NA)	(NA)

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	Chocolate and cocoa products—Continued					
	Other chocolate and cocoa products—Continued					
	Chocolate (except coatings):					
	For baking, cooking, etc:					
2072811	Unsweetened.....	1,000 lbs...	12,890	9,008	20,725	14,619
2099811						
2072821	Sweetened.....	....do.....	51,540	27,168	52,318	25,950
2099821						
	Cocoa, powdered:					
	Unsweetened:					
2072861	In cans or packages of 2 1/2 pounds or less.....	....do.....	33,928	18,265	38,610	20,107
2099861						
2072865	In other containers and in bulk (barrels, drums, bags, etc.).....	....do.....	80,034	24,794	87,736	39,552
2099865						
	Sweetened or mixed with other substances:					
2072871	In cans or packages of 2 1/2 pounds or less.....	....do.....	97,712	40,167	74,165	33,344
2099871						
2072875	In other containers and in bulk (barrels, drums, bags, etc.).....	....do.....	19,624	8,527	19,772	9,254
2099875						
2072881	Cocoa butter.....	....do.....	18,476	17,605	26,549	25,939
	Chocolate sirups.....	....do.....	248,369	53,395	262,457	44,516
	In cans or packages of 16 oz. or less.....					
2072892	Chocolate liquor base.....	....do.....	44,665	14,354	109,820	19,361
2099892						
2072894	Cocoa powder base.....	....do.....	88,374	14,086	152,637	25,155
2099894						
	In other containers or in bulk:					
2072893	Chocolate liquor base.....	....do.....	33,947	9,457		
2099893						
2072896	Cocoa powder base.....	....do.....	81,383	15,498		
2099896						
2072898	Chocolate and cocoa products, nsk.....	....do.....	xxx	7,960	xxx	46,366
2099898						
2072000						
2073---	Chewing gum.....	.....	xxx	167,025	xxx	153,524
2073011	Chewing gum, not medicated.....	1,000 lbs...	246,592	162,387	274,678	151,372
2073015	Chewing gum base.....	....do.....	14,450	4,638	7,538	2,152

<sup>1</sup>Revised.

<sup>1</sup>Sugar production figures differ slightly from data published by the Department of Agriculture for these reasons: (1) some establishments submitted Census reports on a fiscal year basis; (2) the inclusion in Census data of some refined cane sugar produced at cane sugar mills, and excluded from the Department of Agriculture figures; (3) the exclusion from Census data of raw cane sugar produced at establishments classified as farms for Census purposes; and (4) the exclusion from Census data of establishments operated by State governments.

<sup>2</sup>Includes only sirup made in raw sugar and commercial sirup mills. Farm sirup mills were considered to be outside the scope of the Census of Manufactures.

<sup>3</sup>Does not include confectionery type solid chocolate (solid chocolate bars and molded confections) made in chocolate plants and included in the products for Industry 2072, Chocolate and Cocoa Products. (See product codes 2072232-51.)

<sup>4</sup>Separate information on confectionery (cocoa) coatings and molded confections was not collected in 1954. An undetermined amount of these items was included with "other chocolate and cocoa products, nec" (product codes 2072898 and 2099898).

<sup>5</sup>Cough drops retailing above 10¢ per package were coded as primary to Industry 2834, Pharmaceutical Preparations. The 1958 total for this product was \$11,337 thousand compared to \$4,752 thousand in 1954.

<sup>6</sup>This figure is included in the totals for both product class 20716 and 20722.

<sup>7</sup>Of this total, 8,765 thousand pounds, valued at \$5,355 thousand was dark chocolate; 105,792 thousand pounds, valued at \$60,090 thousand was plain milk chocolate; and 97,826 thousand pounds, valued at \$55,859 thousand was milk chocolate with nuts.

<sup>8</sup>This figure also included in the product class totals 20998 appearing in table 6A, for Industry 2099, Food Preparations, NEC.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
<b>Bar goods (except solid chocolate bars) (20711):</b>			<b>Package goods (except solid chocolate) (20713)--Continued</b>			<b>Penny goods (20715):</b>	
United States, total:			United States, total:	1958 <sup>1</sup>	1954	United States, total:	
1958.....	262,317		1958.....	105,407	87,132	1958.....	50,080
1957.....	244,305		Ohio.....	12,810	9,294	1954.....	42,563
1956.....	241,274		Indiana.....	2,385	5,326		1958 <sup>1</sup>
1955.....	234,056		Illinois.....	81,861	64,678	New England.....	3,398
1954.....	230,205		Michigan.....	3,663	4,049	Middle Atlantic.....	21,346
1947.....	296,167		Wisconsin.....	4,688	3,785	New York.....	6,209
	1958 <sup>1</sup>	1954	West North Central.....	24,203	13,003	New Jersey.....	10,316
New England.....	31,085	27,475	Minnesota.....	2,455	1,084	Pennsylvania.....	4,821
Middle Atlantic.....	40,246	34,972	Missouri.....	6,223	4,712		
Pennsylvania.....	26,837	21,416	South Atlantic.....	19,712	12,971	East North Central.....	13,685
East North Central.....	138,067	119,491	Virginia.....	2,533	1,763	Ohio.....	1,560
Indiana.....	7,723	3,226	Georgia.....	12,203	8,097	Illinois.....	10,561
Illinois.....	127,125	111,995	East South Central.....	8,495	4,957	Wisconsin.....	1,287
Wisconsin.....	2,720	3,787	Tennessee.....	7,169	4,372	South Atlantic.....	5,020
West North Central.....	10,220	8,839	West South Central.....	12,195	10,287	Georgia.....	2,204
Minnesota.....	5,898	4,094	Texas.....	10,358	9,271	East South Central.....	2,020
South Atlantic.....	12,179	10,744	Mountain.....	6,392	6,450	West South Central.....	1,327
Georgia.....	8,282	6,539	Pacific.....	38,244	30,296	Pacific.....	1,842
East South Central.....	6,461	4,405	Washington.....	5,308	5,288	California.....	1,770
West South Central.....	8,428	6,618	California.....	32,348	24,677		
Pacific.....	14,966	17,223				<b>Salted nuts and other confectionery type products (cough drops, glaces, etc.) (20716):</b>	<b>Value of shipments</b>
<b>5¢ and 10¢ specialties (20712):</b>	<b>Value of shipments</b>		<b>Bulk goods (except solid chocolate) (20714):</b>	<b>Value of shipments</b>		United States, total.....	1958 <sup>1</sup>
United States, total:			United States, total:				
1958.....		102,663	1958.....	135,681			216,352
1957.....		85,065	1957.....	157,178		New England.....	17,484
1954.....		72,096	1956.....	154,103		Middle Atlantic.....	48,258
1947.....			1955.....	150,169		New York.....	15,465
	1958 <sup>1</sup>	1954	1954.....	154,686		New Jersey.....	8,674
New England.....	7,295	5,361	1947.....	177,957		Pennsylvania.....	24,119
Middle Atlantic.....	54,528	47,099		1958 <sup>1</sup>	1954	East North Central.....	37,455
New York.....	25,938	25,266	New England.....	12,643	12,275	Ohio.....	6,803
New Jersey.....	21,495	13,615	Middle Atlantic.....	33,212	47,929	Indiana.....	6,883
Pennsylvania.....	7,095	8,218	New York.....	16,175	23,136	Illinois.....	19,144
East North Central.....	30,011	24,369	New Jersey.....	5,445	4,985	Michigan.....	2,142
Illinois.....	26,158	22,050	Pennsylvania.....	11,592	19,808	Wisconsin.....	2,483
Wisconsin.....	2,331	1,895	East North Central.....	53,566	60,399	West North Central.....	16,817
South Atlantic.....	2,204	2,725	Ohio.....	4,727	6,039	Minnesota.....	9,093
West South Central.....	2,947	1,526	Illinois.....	45,703	49,245	South Atlantic.....	61,204
Pacific.....	2,674	2,165	Wisconsin.....	1,879	1,349	Maryland.....	3,243
California.....	2,473	2,007	West North Central.....	7,898	9,259	Virginia.....	39,315
<b>Package goods (except solid chocolate) (20713):</b>	<b>Value of shipments</b>		Minnesota.....	4,356	4,449	Georgia.....	6,455
United States, total:			Missouri.....	2,086	2,467	Florida.....	1,993
1958.....	386,898		South Atlantic.....	5,004	4,372	East South Central.....	3,404
1957.....	389,774		Maryland.....	1,310	1,241	Kentucky.....	1,993
1956.....	352,371		Georgia.....	1,526	1,651	West South Central.....	9,606
1955.....	330,981		East South Central.....	4,896	5,513	Texas.....	8,632
1954.....	297,532		Tennessee.....	2,215	1,989	Mountain.....	1,334
1947.....	227,840		West South Central.....	4,511	3,065	Pacific.....	30,790
	1958 <sup>1</sup>	1954	Mountain.....	1,749	1,405	Oregon.....	3,199
New England.....	46,459	37,380	Pacific.....	12,202	10,467	California.....	27,061
Massachusetts.....	41,359	34,984	Washington.....	2,183	1,582		
Middle Atlantic.....	125,791	95,054	California.....	9,797	8,620		
New York.....	53,830	40,534					
New Jersey.....	23,708	16,431					
Pennsylvania.....	48,253	38,088					

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend. <sup>1</sup>Revised.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20711, Massachusetts, Connecticut, New York, Iowa, South Dakota, North Dakota, Virginia, Alabama, Louisiana, Texas, Washington, and California; 20712, Massachusetts, Ohio, Missouri, Georgia, and Texas; 20713, Rhode Island, Connecticut, Iowa, Nebraska, Kansas, South Carolina, and Utah; 20714, Massachusetts, Rhode Island, Kentucky, Oklahoma, and Texas; 20715, Massachusetts, Missouri, North Carolina, and Tennessee; 20716, Massachusetts, Connecticut, Iowa, Missouri, and North Carolina.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials	Unit of measure	1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
	INDUSTRY 2061—RAW CANE SUGAR					
	Materials, containers, and supplies, total.....	.....	xxx	48,515	xxx	48,007
011141	Sugar cane.....	Tons.....	5,775,415	44,053	5,914,716	41,073
206111	Raw cane sugar (96 degree basis).....	....do.....	xxx	( <sup>1</sup> )	xxx	( <sup>1</sup> )
970000	All other materials, ingredients, containers, and supplies consumed, including materials, etc., nsk....	.....	xxx	4,462	xxx	6,934
	INDUSTRY 2062—CANE SUGAR REFINING					
	Materials, containers, and supplies, total.....	.....	xxx	795,809	xxx	716,135
011141	Sugar cane.....	Tons.....	xxx	( <sup>1</sup> )	xxx	( <sup>1</sup> )
206111	Raw cane sugar (96 degree basis).....	....do.....	6,027,122	743,100	5,501,441	664,997
970000	All other materials, ingredients, containers, and supplies consumed, including materials, etc., nsk....	.....	xxx	52,709	xxx	51,138
	INDUSTRY 2063—BEET SUGAR					
	Materials, containers, and supplies, total.....	.....	xxx	228,978	xxx	181,652
011145	Sugar beets.....	Tons.....	15,601,714	187,909	13,025,808	149,063
970000	All other materials, ingredients, containers, and supplies consumed, including materials, etc., nsk....	.....	xxx	41,069	xxx	32,589
	INDUSTRY 2071—CONFECTIONERY PRODUCTS					
	Materials, containers, and supplies, total.....	.....	xxx	675,500	xxx	561,988
206011	Sugar (cane and beet).....	Cwt.....	12,346,369	112,462	9,784,221	88,352
207211	Chocolate coatings, including cocoa powder composition coatings.....	....do.....	2,862,777	111,010	2,648,185	119,793
011231	Cocoa beans.....	....do.....	121,976	5,310	129,500	6,719
970000	All other ingredients, materials, containers and supplies, including materials, etc., nsk.....	.....	xxx	446,718	xxx	347,124
	INDUSTRY 2072—CHOCOLATE AND COCOA PRODUCTS					
	Materials, containers, and supplies, total.....	.....	xxx	314,715	xxx	348,008
206011	Sugar (cane and beet).....	Cwt.....	4,277,046	37,899	3,605,162	30,850
011231	Cocoa beans.....	....do.....	4,440,389	180,284	4,490,773	226,840
970000	All other ingredients, materials, containers and supplies, including materials, etc., nsk.....	.....	xxx	96,532	xxx	90,318
	INDUSTRY 2073—CHEWING GUM					
	Materials, containers, and supplies, total.....	.....	xxx	71,785	xxx	65,314
206011	Sugar (cane and beet).....	Cwt.....	1,479,180	12,932	1,063,083	9,243
970000	All other ingredients, materials, containers and supplies, including materials, etc., nsk.....	.....	xxx	258,853	xxx	256,071

<sup>1</sup>Included in "All other materials", code 970000.<sup>2</sup>Includes chicle.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2071	CONFECTIONERY PRODUCTS (entire industry)	1,390	66,395	236,685	54,237	104,716	168,057	511,688	726,863	1,227,955	24,730
	Establishments with:										
	90% or more specialization.....	1,320	58,289	209,772	47,481	91,063	149,005	446,214	624,092	1,060,756	22,930
	75-89% specialization.....	25	4,165	12,965	3,521	7,030	9,800	32,302	54,685	86,261	973
20711	Bar goods (except solid chocolate bars) (primary product class of estab.).....	104	12,454	47,128	10,378	20,506	34,354	122,282	200,040	320,159	5,186
	Establishments with:										
	90% or more specialization.....	48	4,177	17,942	3,258	6,199	12,221	45,178	91,973	135,544	3,196
	75-89% specialization.....	18	3,313	12,148	3,036	6,241	10,153	35,347	48,760	83,541	732
20712	5¢ and 10¢ specialties (primary product class of estab.).....	67	4,213	18,497	3,399	6,622	12,889	49,544	51,681	99,639	5,698
	Establishments with:										
	90% or more specialization.....	36	1,014	4,090	860	1,697	3,184	16,586	10,641	26,857	( <sup>1</sup> )
20713	Package goods (except solid chocolate) (primary product class of estab.).....	423	31,056	111,729	24,968	47,591	77,576	201,207	250,306	446,735	6,706
	Establishments with:										
	90% or more specialization.....	216	10,990	37,810	8,960	16,604	26,979	71,113	79,388	148,604	2,648
	75-89% specialization.....	68	7,281	25,106	5,811	11,216	17,494	36,304	49,035	85,191	1,214
20714	Bulk goods (except solid chocolate) (primary product class of estab.)...	215	6,060	19,273	5,085	10,054	14,422	35,340	54,719	89,734	1,506
	Establishments with:										
	90% or more specialization.....	117	1,920	5,761	1,610	3,044	4,412	9,800	15,698	25,349	630
	75-89% specialization.....	30	1,861	6,241	1,619	3,264	4,713	12,098	18,920	30,850	( <sup>1</sup> )
20715	Penny goods (primary product class of estab.).....	32	3,443	11,385	2,966	5,719	8,527	27,533	25,142	52,304	1,179
	Establishments with:										
	90% or more specialization.....	10	482	1,510	413	798	996	3,299	4,196	7,417	( <sup>1</sup> )
20716	Salted nuts and other confectionery type products (cough drops, glaces, etc.) (primary product class of estab.)	243	7,412	24,340	5,982	11,747	16,914	67,569	133,043	199,644	3,301
	Establishments with:										
	90% or more specialization.....	189	3,359	11,400	2,751	5,412	7,882	30,603	68,785	99,197	2,245
	75-89% specialization.....	19	704	2,511	523	1,028	1,670	6,048	13,088	18,715	( <sup>1</sup> )
2072	CHOCOLATE AND COCOA PRODUCTS (entire industry).....	28	8,271	38,427	6,492	13,193	27,510	135,098	318,577	447,156	4,129
	Establishments with:										
	90% or more specialization.....	28	8,271	38,427	6,492	13,193	27,510	135,098	318,577	447,156	4,129
2072i	Chocolate coatings (primary product class of estab.).....	18	1,980	9,911	1,541	3,349	6,581	21,729	97,104	118,160	1,677
	Establishments with:										
	90% or more specialization.....	6	217	1,042	152	317	618	3,223	15,611	18,792	( <sup>1</sup> )
	75-89% specialization.....	5	485	2,465	387	803	1,644	5,515	22,479	27,890	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.





## Beverages

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2082--Malt Liquors
- 2083--Malt
- 2084--Wines, Brandy, and Brandy Spirits
- 2085--Distilled, Rectified, and Blended Liquors
- 2086--Bottled and Canned Soft Drinks and Carbonated Waters
- 2087--Flavoring Extracts and Flavoring Sirups, N.E.C.

Shipments of each of these industries in 1958-1954 consisted almost entirely of the primary products of each of the particular industries; with the exception of flavoring extracts, only negligible amounts of these products were produced in other industries. The high primary product specialization and coverage ratios for each of the five industries included in this report indicates an unusually close relationship between the industry data shown in tables 1-4 and the product statistics shown in table 6A. (Definitions of the primary product specialization and coverage ratios are provided in table 5A).

### 2082--Malt Liquors

This industry comprises establishments primarily engaged in manufacturing all kinds of malt liquors. Establishments primarily engaged in bottling purchased malt liquors are classified in trade industries. For a detailed list of primary products of Industry 2082, refer to table 6A, product codes 2082014 to 2082095.

### 2083--Malt

This industry comprises establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains. For a detailed list of primary products of this industry, refer to table 6A, product codes 2083011 to 2083041.

### 2084--Wines, Brandy, and Brandy Spirits

This industry comprises establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy and brandy spirits, but which do not manufacture wines and brandy are classified in trade industries. For a detailed list of primary products of Industry 2084, refer to table 6A, product codes 2084011 to 2084085.

The value of shipments and cost of materials data for Industry 2084 contain a considerable amount of duplication, which arises from the transfer of wine between establishments within the industry. Both finished and unfinished wines are shipped from wineries "in bond" to establishments which age, blend, clarify, bottle or otherwise process the product, pay the Federal tax and ship the finished

wine to dealers. The quantity and value of a given lot of wine may therefore be reported in the Census by two or more establishments, first in bond and later as tax paid.

Manufacturers and others processing wines and brandy are licensed by the Bureau of Internal Revenue as wineries, fruit distilleries, bonded wine storerooms, bonded field warehouses, and rectifying plants. Frequently, however, two or more licensed premises are under the same ownership at the same location, but are counted in the Census as one establishment. A substantial number of the establishments holding licenses are located on farms, had no employees, are primarily engaged in nonmanufacturing activities, or for other reasons are outside the scope of the Census of Manufactures. Consequently, the number of licensed premises shown in the annual reports of the Commissioner of Internal Revenue is considerably larger than the number of establishments shown in this report. Comparison with Bureau of Internal Revenue production figures indicates that establishments not included in the Census of Manufactures accounted for a substantial proportion of the total output of wines and brandies.

### 2085--Distilled, Rectified, and Blended Liquors

This industry comprises establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes, or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in Industry 2818, and those only bottling purchased liquors in trade industries. For a detailed list of primary products of Industry 2085, refer to table 6A, product codes 2085111 to 2085381.

There is some duplication in the value of production and cost of materials figures for Industry 2085. Some of the products of distillers (chiefly spirits) are used, in the same year in which produced, as raw materials of rectifying and bottling plants and therefore are included in the value of shipments more than once.

Manufacturers and bottlers of alcoholic beverages are licensed by the Bureau of Internal Revenue as registered distillers, tax paid bottling houses, rectifying plants, and bonded warehouses. Frequently two or more of the premises licensed by the Bureau of Internal Revenue are under the same ownership at the same location, but are counted in the Census of Manufactures as one establishment. Other establishments licensed by the Bureau of Internal Revenue are primarily engaged in nonmanufacturing activities and are, therefore, classified in trade industries. For these reasons, the number of licensed premises shown in the annual reports of the Commissioner of Internal Revenue is considerably larger than the number of establishments classified in this industry in the Census of Manufactures. Comparison with Bureau of Internal Revenue production figures indicates, however, that establishments included in the Census of Manufactures accounted for a very high proportion of the total output of distilled liquors.



### 2086--Bottled and Canned Soft Drinks and Carbonated Waters

This industry comprises establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in Industry 2033, fruit sirups for flavoring in Industry 2087, and cider in Industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in trade industries. For a detailed list of primary products of Industry 2086, refer to table 6A, product codes 2086012 to 2086093.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2086 from code number 2081 in the previous classification system but were only slightly changed as to content. Fruit drinks and ades (table 6A product codes 2086091-93) were transferred to Industry 2086 from old Industry 2033, Canned Fruits and Vegetables.

For the most part, the value of shipments figures for Industry 2086 represent delivered value rather than value f.o.b. plant, since most of the manufacturers operate their own delivery services. This fact is reflected in the large number of "other workers," which includes delivery personnel, in relation to the total number of employees, as shown in tables 1-3.

### 2087--Flavoring Extracts and Flavoring Sirups, N.E.C.

This industry comprises establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit

juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in Industry 2072, and mixed or blended sweetening sirup and molasses in Industry 2099. For a detailed list of primary products of Industry 2087, refer to table 6A, product codes 2087111 to 2087481.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2087 from code number 2095 in the previous classification system but were not changed as to content.

The value of shipments of Industry 2087, Flavorings, in 1958 totaled \$513 million. This included shipments of primary products (flavorings) valued at \$445 million, shipments of secondary products valued at \$48 million, and miscellaneous receipts (chiefly resales) of \$19 million.

Industry 2087 shipments of flavorings in 1958 represented 90 percent of its total product shipments (primary and secondary). In 1954 this primary product specialization ratio was 91 percent. Secondary products shipped by this industry in 1958 consisted mainly of chocolate and cocoa products, \$6 million; canned fruit juices, \$4 million; candy and confectionery, \$3 million; and jams, jellies and preserves, \$2 million.

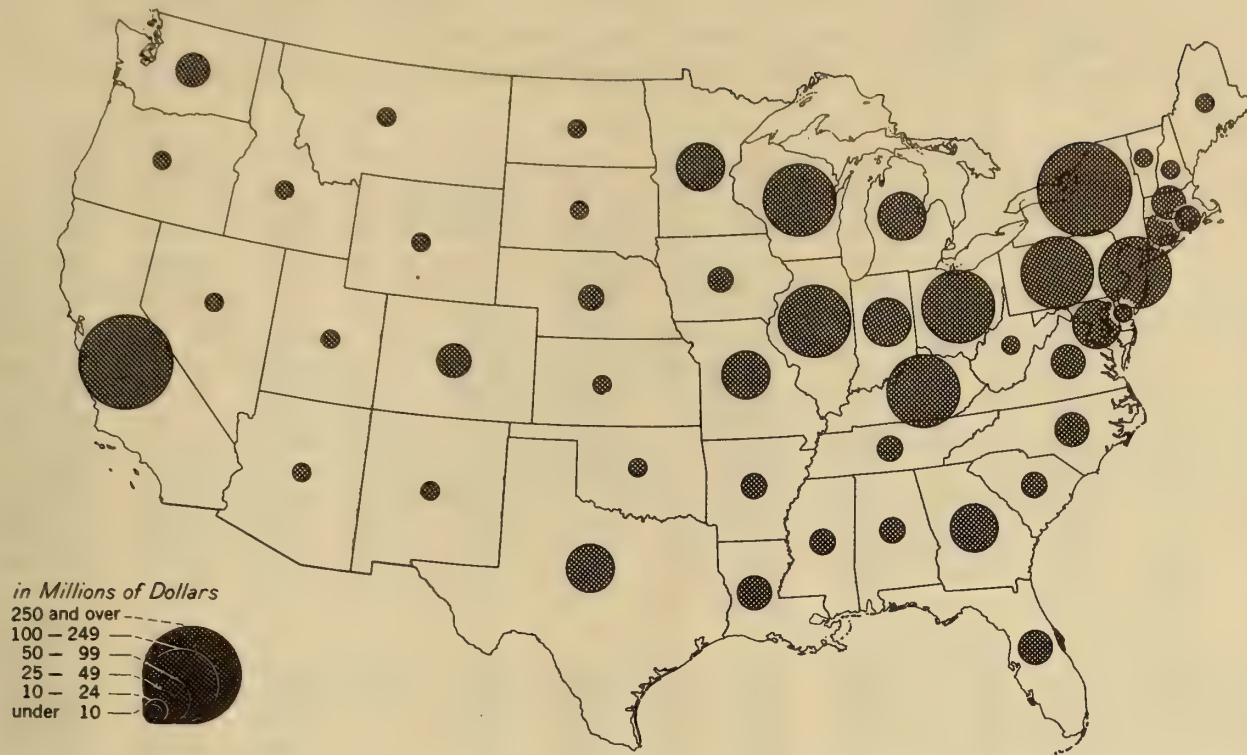
Industry 2087 shipments of flavorings in 1958 represented 83 percent of these products valued at \$537 million shipped by all industries. This coverage ratio was 87 percent in 1954.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## BEVERAGE INDUSTRIES: SIC 208

Value Added by Manufacture by State: 1958



Includes Industries 2082, 2083, 2084, 2085, 2086 and 2087. See Table 2.

Bureau of the Census. M-58-D208

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States. 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ializa- tion ratio <sup>6</sup>	Cov- erage ratio <sup>7</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2082 (old SIC 2082)	Malt liquors: <sup>8</sup>														
	1958 <sup>9</sup> .....	211	258	224	71,494	442,321	47,894	91,500	279,559	1,114,590	869,421	1,982,664	62,395	100	100
	1957 <sup>10</sup> .....	(NA)	(NA)	(NA)	77,401	455,361	51,185	99,140	283,149	1,216,469	842,865	2,057,937	60,028	99	100
	1956 <sup>10</sup> .....	(NA)	(NA)	(NA)	79,418	450,832	52,666	103,428	281,515	1,202,592	810,619	2,011,231	67,653	(NA)	(NA)
	1955 <sup>10</sup> .....	(NA)	(NA)	(NA)	80,409	436,388	53,705	105,282	272,973	1,172,155	773,715	1,941,603	(NA)	(NA)	(NA)
	1954 <sup>9</sup> .....	263	301	266	81,346	420,546	53,698	105,923	261,497	1,106,303	766,103	1,870,769	114,534	100	100
	1953 <sup>10</sup> .....	(NA)	(NA)	(NA)	84,849	425,492	61,537	123,408	293,708	1,153,004	799,582	1,952,586	(NA)	(NA)	(NA)
	1952 <sup>10</sup> .....	(NA)	(NA)	(NA)	81,170	376,126	59,318	119,507	259,750	1,034,626	742,461	1,777,087	(NA)	(NA)	(NA)
	1951 <sup>10</sup> .....	(NA)	(NA)	(NA)	82,017	359,147	59,414	121,267	243,152	939,399	679,475	1,618,874	(NA)	(NA)	(NA)
	1950 <sup>10</sup> .....	(NA)	(NA)	(NA)	81,155	332,931	58,054	117,882	219,445	937,463	612,058	1,549,521	(NA)	(NA)	(NA)
	1949 <sup>10</sup> .....	(NA)	(NA)	(NA)	78,704	314,904	57,878	119,554	212,188	926,540	577,184	1,503,724	(NA)	(NA)	(NA)
	1947.....	404	440	(NA)	82,534	112,534	112,534	142,001	112,534	807,177	508,908	1,316,085	(NA)	100	99
	1939.....	(NA)	605	(NA)	61,185	122,265	36,088	(NA)	62,231	363,180	162,897	526,077	(NA)	(NA)	(NA)
	1937.....	(NA)	653	(NA)	57,409	105,400	47,037	(NA)	79,275	335,188	201,917	537,105	(NA)	(NA)	(NA)
	1935.....	(NA)	666	(NA)	47,725	82,839	31,169	(NA)	60,615	280,112	139,918	420,030	(NA)	(NA)	(NA)
	1933 <sup>12</sup> .....	(NA)	525	(NA)	29,454	41,780	23,501	(NA)	33,480	153,767	76,194	229,961	(NA)	(NA)	(NA)
	1921.....	(NA)	531	(NA)	22,872	41,519	18,551	(NA)	29,366	136,034	55,016	132,050	(NA)	(NA)	(NA)
	1919.....	(NA)	729	(NA)	43,486	68,071	34,259	(NA)	45,170	138,512	94,793	137,905	(NA)	(NA)	(NA)
	1914 <sup>14</sup> .....	(NA)	1,204	(NA)	(NA)	(NA)	62,026	(NA)	53,244	150,319	129,681	138,000	(NA)	(NA)	(NA)
	1909.....	(NA)	1,414	(NA)	66,086	64,010	54,579	(NA)	41,206	137,814	96,596	137,730	(NA)	(NA)	(NA)
	1904.....	(NA)	1,530	(NA)	57,192	51,857	48,137	(NA)	34,540	132,439	74,907	138,346	(NA)	(NA)	(NA)
	1899.....	(NA)	1,507	(NA)	46,605	38,815	39,459	(NA)	25,776	135,317	51,598	136,915	(NA)	(NA)	(NA)
2083 (old SIC 2083)	Malt: <sup>12</sup>														
	1958.....	32	46	34	2,404	16,338	1,802	3,556	10,910	55,087	137,977	195,327	3,131	100	98
	1954.....	35	45	34	2,603	14,627	2,036	4,096	10,167	50,312	154,831	203,614	3,257	100	100
	1952 <sup>10</sup> .....	(NA)	(NA)	(NA)	2,448	11,361	1,989	4,078	7,994	48,218	177,962	225,531	(NA)	(NA)	(NA)
	1951 <sup>10</sup> .....	(NA)	(NA)	(NA)	2,589	14,169	2,068	4,248	8,015	48,258	182,827	230,436	(NA)	(NA)	(NA)
	1950 <sup>10</sup> .....	(NA)	(NA)	(NA)	2,455	9,669	2,014	4,209	7,335	42,226	171,128	212,805	(NA)	(NA)	(NA)
	1947.....	41	53	(NA)	2,524	9,550	2,069	4,466	6,896	53,885	202,995	256,230	(NA)	100	100
	1939.....	(NA)	52	(NA)	1,902	4,137	1,459	(NA)	2,593	19,183	39,296	58,479	(NA)	(NA)	(NA)
	1937.....	(NA)	56	(NA)	1,964	4,267	1,644	(NA)	2,923	18,512	76,118	94,630	(NA)	(NA)	(NA)
	1935.....	(NA)	54	(NA)	1,717	3,581	1,439	(NA)	2,348	18,706	56,412	75,118	(NA)	(NA)	(NA)
	1933.....	(NA)	30	(NA)	1,000	1,563	848	(NA)	1,283	7,261	20,662	27,923	(NA)	(NA)	(NA)
	1931.....	(NA)	27	(NA)	(NA)	(NA)	540	(NA)	866	5,322	13,920	19,242	(NA)	(NA)	(NA)
	1929.....	(NA)	28	(NA)	741	1,670	590	(NA)	1,057	4,679	18,924	23,603	(NA)	(NA)	(NA)
	1927.....	(NA)	23	(NA)	624	1,356	500	(NA)	904	3,087	17,187	20,274	(NA)	(NA)	(NA)
	1925.....	(NA)	23	(NA)	695	1,381	568	(NA)	903	4,083	19,986	24,069	(NA)	(NA)	(NA)
	1923.....	(NA)	22	(NA)	665	1,222	487	(NA)	742	3,277	13,154	16,431	(NA)	(NA)	(NA)
	1921.....	(NA)	26	(NA)	800	1,602	616	(NA)	924	3,547	17,458	21,005	(NA)	(NA)	(NA)
	1919.....	(NA)	55	(NA)	1,705	2,863	1,352	(NA)	1,845	7,727	31,613	39,340	(NA)	(NA)	(NA)
	1914.....	(NA)	97	(NA)	2,471	3,131	1,989	(NA)	1,828	8,934	39,199	48,133	(NA)	(NA)	(NA)
	1909.....	(NA)	114	(NA)	2,185	2,232	1,760	(NA)	1,348	7,788	30,464	38,252	(NA)	(NA)	(NA)
	1904.....	(NA)	141	(NA)	2,498	2,204	2,054	(NA)	1,457	6,668	23,621	30,289	(NA)	(NA)	(NA)
	1899.....	(NA)	146	(NA)	2,280	1,654	1,990	(NA)	1,183	4,557	14,817	19,374	(NA)	(NA)	(NA)
2084 (old SIC 2084)	Wines and brandy:														
	1958.....	216	239	73	5,941	29,029	4,319	8,638	17,659	114,242	(16)	(16)	6,526	(17)	96
	1957 <sup>10</sup> .....	(NA)	(NA)	(NA)	6,109	27,403	4,528	8,987	16,565	115,991	(16)	(16)	4,670	(NA)	(NA)
	1956 <sup>10</sup> .....	(NA)	(NA)	(NA)	6,003	25,494	4,388	8,885	15,185	113,347	(16)	(16)	3,351	(NA)	(NA)
	1954.....	244	262	66	5,724	23,258	4,328	8,393	13,749	100,394	(16)	(16)	2,216	(17)	96
	1947.....	379	418	(NA)	7,697	21,896	5,824	11,717	13,681	95,015	(16)	(16)	(NA)	(17)	100
	1939.....	(NA)	348	(NA)	(NA)	(NA)	2,337	(NA)	2,272	15,020	(16)	(16)	(NA)	(NA)	(NA)
2085 (old SIC 2085)	Distilled liquor except brandy:														
	1958.....	88	122	91	20,528	102,619	16,629	32,207	73,870	444,831	482,841	1,927,992	9,908	98	100
	1957 <sup>10</sup> .....	(NA)	(NA)	(NA)	20,858	99,807	16,378	32,124	71,877	443,669	415,717	867,176	11,738	98	100
	1956 <sup>10</sup> .....	(NA)	(NA)	(NA)	21,928	100,311	17,619	34,083	73,576	454,665	449,087	858,072	9,780	(NA)	(NA)
	1955 <sup>10</sup> .....	(NA)	(NA)	(NA)	20,609	90,645	16,520	31,470	65,931	414,660	399,937	783,427	7,865	(NA)	(NA)
	1954.....	98	133	97	21,505	89,367	17,117	32,892	65,504	338,403	388,739	754,643	8,863	99	100
	1953 <sup>10</sup> .....	(NA)	(NA)	(NA)	21,396	86,383	17,164	33,332	62,148	388,880	512,963	901,843	(NA)	(NA)	(NA)
	1952 <sup>10</sup> .....	(NA)	(NA)	(NA)	18,993	80,834	14,984	31,415	56,264	351,419	413,628	765,047	(NA)	(NA)	(NA)
	1951 <sup>10</sup> .....	(NA)	(NA)	(NA)	22,754	94,577	17,785	39,409	67,886	412,881	529,608	942,489	(NA)	(NA)	(NA)
	1950 <sup>10</sup> .....	(NA)	(NA)	(NA)	23,754	81,755	19,237	38,777	60,543	453,507	508,984	962,491	(NA)	(NA)	(NA)
	1949 <sup>10</sup> .....	(NA)	(NA)	(NA)	22,743	74,769	17,741	36,355	52,386	403,655	445,200	848,855	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2086 (old SIC 2081)	Distilled liquor except brandy—Con.														
	1947.....	144	226	(NA)	30,422	80,498	25,740	52,014	61,825	472,357	397,878	870,235	(NA)	99	99
	1939.....	(NA)	236	(NA)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(NA)	(NA)	(NA)
	1937.....	(NA)	361	(NA)	15,836	19,704	13,309	(NA)	14,144	111,980	145,578	257,558	(NA)	(NA)	(NA)
	1935 <sup>20</sup> .....	(NA)	391	(NA)	16,771	18,069	14,035	(NA)	12,888	118,357	133,648	252,005	(NA)	(NA)	(NA)
	Bottled and canned soft drinks:														
	1958.....	3,994	4,362	1,411	96,347	401,713	39,164	79,328	130,339	844,688	670,339	1,512,612	63,440	98	98
	1957 <sup>10</sup> .....	(NA)	(NA)	(NA)	95,369	378,681	42,096	83,721	125,203	782,466	565,210	1,331,423	63,219	98	99
	1956 <sup>10</sup> .....	(NA)	(NA)	(NA)	94,545	359,094	42,508	83,193	119,697	739,272	530,240	1,252,704	48,699	(NA)	(NA)
	1955 <sup>10</sup> .....	(NA)	(NA)	(NA)	92,286	339,293	42,571	82,124	113,422	685,749	518,677	1,186,178	(S)	(NA)	(NA)
	1954.....	...	4,643	1,250	91,616	319,879	41,575	80,584	109,519	651,151	539,530	1,189,254	47,731	98	99
	1953 <sup>10</sup> .....	(NA)	(NA)	(NA)	99,106	339,509	41,671	88,635	111,851	687,036	497,882	1,184,918	(NA)	(NA)	(NA)
	1952 <sup>10</sup> .....	(NA)	(NA)	(NA)	83,939	266,141	36,265	71,864	83,623	541,040	393,060	934,100	(NA)	(NA)	(NA)
	1951 <sup>10</sup> .....	(NA)	(NA)	(NA)	84,189	242,621	36,798	70,999	78,856	508,553	368,418	876,971	(NA)	(NA)	(NA)
	1947.....	...	5,618	1,002	119,397	119,430	11,214	90,882	118,571	420,711	327,485	748,196	66,748	99	99
	1939 <sup>8</sup> .....	(NA)	4,504	(NA)	54,994	76,832	21,265	(NA)	20,345	211,844	153,935	365,779	(NA)	(NA)	(NA)
	1937.....	(NA)	3,920	(NA)	34,683	46,406	27,979	(NA)	30,981	164,399	112,380	276,779	(NA)	(NA)	(NA)
	1935.....	(NA)	3,175	(NA)	22,256	29,244	16,778	(NA)	17,343	97,204	62,094	159,298	(NA)	(NA)	(NA)
	1933 <sup>21</sup> .....	(NA)	2,903	(NA)	18,497	19,480	15,123	(NA)	14,197	69,424	41,873	111,297	(NA)	(NA)	(NA)
	1931.....	(NA)	4,250	(NA)	(NA)	(NA)	23,905	(NA)	30,082	136,522	76,045	212,567	(NA)	(NA)	(NA)
	1929.....	(NA)	5,154	(NA)	36,072	57,896	28,281	(NA)	38,314	167,298	103,026	270,324	(NA)	(NA)	(NA)
	1927.....	(NA)	4,769	(NA)	34,119	53,259	26,972	(NA)	36,101	147,264	95,430	242,694	(NA)	(NA)	(NA)
	1925.....	(NA)	4,210	(NA)	34,662	52,508	27,384	(NA)	36,053	139,295	98,466	237,761	(NA)	(NA)	(NA)
	1923.....	(NA)	4,514	(NA)	37,329	56,080	29,274	(NA)	37,689	129,158	99,572	228,730	(NA)	(NA)	(NA)
	1921.....	(NA)	3,336	(NA)	18,876	24,197	14,651	(NA)	16,286	54,491	61,086	115,577	(NA)	(NA)	(NA)
	1919.....	(NA)	5,194	(NA)	22,738	24,664	17,440	(NA)	16,393	66,741	68,600	135,341	(NA)	(NA)	(NA)
	1914.....	(NA)	5,463	(NA)	19,401	12,958	15,506	(NA)	8,864	31,622	26,779	58,401	(NA)	(NA)	(NA)
	1909.....	(NA)	4,916	(NA)	16,317	9,748	13,147	(NA)	6,902	27,042	16,466	43,508	(NA)	(NA)	(NA)
	1904.....	(NA)	3,468	(NA)	12,455	6,881	10,879	(NA)	5,488	20,249	10,002	30,251	(NA)	(NA)	(NA)
	1899.....	(NA)	2,763	(NA)	10,211	5,240	8,788	(NA)	4,080	14,704	8,565	23,269	(NA)	(NA)	(NA)
2087 (old SIC 2095)	Flavorings:														
	1958.....	502	531	95	9,483	49,346	5,306	10,477	22,283	262,223	247,786	512,607	5,515	90	83
	1957 <sup>10</sup> .....	(NA)	(NA)	(NA)	9,871	46,754	6,044	11,736	21,116	271,272	255,779	525,538	5,879	89	83
	1956 <sup>10</sup> .....	(NA)	(NA)	(NA)	10,168	46,442	6,088	11,902	20,867	269,686	244,095	508,429	14,077	(NA)	(NA)
	1955 <sup>10</sup> .....	(NA)	(NA)	(NA)	10,235	44,406	6,236	12,054	20,434	246,944	233,905	475,756	(S)	(NA)	(NA)
	1954.....	530	558	109	10,593	45,060	6,543	12,402	20,308	221,756	238,050	459,433	6,642	91	87
	1953 <sup>10</sup> .....	(NA)	(NA)	(NA)	11,322	45,416	7,022	13,123	21,795	219,434	226,031	445,465	(NA)	(NA)	(NA)
	1952 <sup>10</sup> .....	(NA)	(NA)	(NA)	10,072	34,970	5,679	11,056	17,867	193,678	174,353	368,031	(NA)	(NA)	(NA)
	1951 <sup>10</sup> .....	(NA)	(NA)	(NA)	10,459	32,144	6,083	11,511	17,270	171,504	171,248	342,752	(NA)	(NA)	(NA)
	1950 <sup>10</sup> .....	(NA)	(NA)	(NA)	11,707	34,479	6,865	12,606	17,818	166,669	171,696	338,365	(NA)	(NA)	(NA)
	1947.....	582	606	122	11,726	37,149	7,242	14,626	17,720	158,333	155,240	313,573	(NA)	93	89
	1939.....	(NA)	477	(NA)	6,950	12,300	3,589	(NA)	3,764	89,734	50,168	139,902	(NA)	(NA)	(NA)
	1937.....	(NA)	398	(NA)	5,817	8,292	4,162	(NA)	4,274	71,617	46,280	117,897	(NA)	(NA)	(NA)
	1935.....	(NA)	407	(NA)	4,563	6,708	2,902	(NA)	2,651	38,690	29,185	67,875	(NA)	(NA)	(NA)
	1933 <sup>22</sup> .....	(NA)	383	(NA)	3,568	4,237	2,287	(NA)	2,184	33,836	20,333	54,169	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November. (However, in the case of "Wines and brandy" industry and the "Distilled liquors, except brandy" industry, a different method was used for 1954. In 1954, all employees represents the average of 12 monthly figures, and production workers was calculated by subtracting from the all employees total the average number of nonproduction employees for March, May, August, and November.) For 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958 (except as noted above for the "Wines and brandy" industry and the "Distilled liquors" industry) figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued next page.



Footnotes for Table 1—20G

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Except for Industry 2085, Distilled Liquors adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For Industry 2085, adjusted value added is based on the value of production and miscellaneous receipts (including resales) rather than value of shipments; and the inventory adjustment is confined to net changes in work-in-process inventories. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For the "Malt" industry, 1947 value added by manufacture does not equal the published value of products shipped less cost of materials etc., because an estimated value of production was used in the calculation in place of value of products shipped. Since the 1949-1952 estimates were derived from 1947 base totals, the same inequality may exist for these years. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2082	1,100,742	2085	356,742
2083	48,150	2086	635,043
2084	96,749	2087	219,445

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc., (\$1,000)		Industry Code	Cost of Materials, etc., (\$1,000)	
	1958	1954		1958	1954
2082	867,010	756,311	2085	396,815	354,571
2083	126,506	153,838	2086	614,653	478,034
2084	(NA)	(NA)	2087	233,815	226,611

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. For Industry 2085, "Distilled Liquors, Except Brandy," figures are value of production. Value figures do not include Federal or State excise taxes. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2082	1,979,730	1,857,053	2085	850,173	711,313
2083	183,434	201,988	2086	1,445,845	1,113,077
2084	(NA)	(NA)	2087	494,910	446,056

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>Data for establishments primarily engaged in making "near beer" are included in the figures for "Malt liquors" for 1899-1921 and 1947-1958 and in the figures for "Bottled soft drinks" for 1923-1939. In 1921 the output of the former industry consisted almost entirely of "near beer."

<sup>9</sup>For "Malt liquors," the figures for 1933-1958 but not for earlier years, include data for establishments primarily engaged in the manufacture of malt extracts and syrup.

<sup>10</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>11</sup>For "Bottled soft drinks" and "Malt liquors," the comparability of the figures for "All employees" and "Production workers" is affected by the fact that for 1939-1958 manufactures were asked to report the total number of employees on the payrolls, including truck drivers engaged in distribution, whereas in earlier years they were asked to report employees engaged, directly or indirectly, in manufacturing activities.

<sup>12</sup>Data for malt houses operated by breweries are included in the figures for "Malt liquors" for 1899-1933 and in the figures for "Malt" for 1935-1958.

<sup>13</sup>For "Malt liquors," the figures for 1899-1909 and 1919-1921 include Internal Revenue taxes, whereas the figures for other years do not include these taxes.

<sup>14</sup>1914 was the last normal pre-prohibition year covered by the census.

<sup>15</sup>The figures for 1914 do not include Internal Revenue taxes amounting to \$62.1 million.

<sup>16</sup>Value of products shipped and cost of materials, etc., are omitted for this industry because each of these measures contains extensive duplication. The duplication arises because the products of some establishments are used as materials by other establishments classified in the same industry. (See text on industry.)

<sup>17</sup>The specialization ratios on an unduplicated basis are estimated at more than 90 percent.

<sup>18</sup>Relates to value of production rather than value of shipments in Industry 2085, Distilled Liquors, Except Brandy.

<sup>19</sup>The statistics previously published for 1939 which do not cover the bottling of unrectified liquors, are not sufficiently comparable to the statistics for other years to be shown in this table.

<sup>20</sup>Since the rectifying and blending of distilled liquors was first canvassed in 1935, the figures for prior years, which cover only the production of distilled liquors, are not sufficiently comparable to those for later years to be shown in this table.

<sup>21</sup>Data for establishments primarily engaged in production of grape juice are included in the figures for 1899-1933 but not for later years.

<sup>22</sup>The figures for "Flavorings" for 1931 and earlier years are not sufficiently comparable with those for later years because they include data for malt extracts and exclude data for certain dairymen's supplies.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2082	Malt liquors, total.	258	224	71,494	442,321	47,894	91,500	279,559	1,114,590	1,982,664	62,395	81,346	1,100,741	82,534
	New England.....	9	9	1,970	10,780	1,291	2,455	6,603	25,730	41,978	1,974	2,081	23,139	2,805
	Middle Atlantic...	66	57	24,082	153,952	14,957	26,497	89,377	345,702	570,463	13,745	25,925	335,901	26,107
	New York.....	26	23	11,027	73,511	6,242	11,011	38,748	156,379	252,721	8,000	12,763	160,471	13,109
	New Jersey.....	10	8	7,661	49,279	5,019	7,961	30,997	111,972	191,068	2,545	7,081	100,042	5,862
	Pennsylvania....	30	26	5,394	31,162	3,696	7,525	19,632	77,351	126,674	3,200	6,081	75,386	7,136
	East North Central	84	69	20,456	124,227	13,646	26,905	78,640	298,071	534,674	11,161	25,109	337,111	27,749
	Ohio.....	14	13	3,563	21,649	2,143	4,341	12,118	47,084	78,111	1,547	4,274	61,016	6,199
	Indiana.....	4	4	1,284	7,563	944	1,953	5,335	21,248	40,635	804	2,009	20,324	3,083
	Illinois.....	17	17	2,655	15,390	1,770	3,440	9,576	33,760	68,140	1,665	3,678	42,410	5,479
	Michigan.....	11	10	3,101	21,242	2,076	4,256	13,764	46,348	77,065	3,443	4,005	51,875	3,667
	Wisconsin.....	38	25	9,853	58,373	6,713	12,915	37,847	149,631	270,723	3,702	11,143	161,485	9,321
	West North Central	25	24	8,546	54,740	6,941	13,683	43,096	162,238	299,418	8,235	9,970	156,169	10,063
	Minnesota.....	13	13	2,947	17,322	2,173	4,033	12,040	47,900	79,896	1,951	2,894	39,826	2,781
	Missouri.....	7	6	4,802	32,985	4,198	8,464	28,121	101,791	196,086	6,106	6,132	104,738	6,192
	South Atlantic....	18	16	2,924	16,100	1,754	3,408	8,560	39,570	70,923	9,545	1,307	25,458	(D)
	Maryland.....	7	6	2,071	12,187	1,200	2,347	6,350	29,998	51,496	(D)	2,165	17,216	2,046
	Florida.....	6	6	527	2,373	346	620	1,329	5,323	10,514	(2)	(3)	(3)	(3)
	East South Central	6	5	1,892	10,324	1,213	2,373	6,347	23,064	37,457	1,991	2,083	31,414	(D)
	Kentucky.....	6	5	1,892	10,324	1,213	2,373	6,347	23,064	37,457	1,991	(3)	(3)	(3)
	West South Central	12	12	3,720	20,957	2,673	5,407	13,804	59,497	114,549	3,989	3,963	54,178	(D)
	Mountain.....	13	10	1,357	8,472	776	1,710	4,429	29,161	58,261	3,119	1,418	23,101	1,417
	Pacific.....	25	22	6,547	42,769	4,643	9,062	28,703	131,527	254,941	8,636	7,486	114,268	5,747
	California.....	16	14	4,789	31,451	3,418	6,668	21,445	96,267	184,502	6,828	5,782	87,207	4,144
2083	Malt, total.....	46	34	2,404	16,338	1,802	3,556	10,910	55,087	195,327	3,131	2,603	48,149	2,524
	Middle Atlantic...	7	6	188	1,245	143	278	805	3,937	13,978	(2)	202	4,072	247
	East North Central	23	16	1,591	10,965	1,153	2,275	6,980	34,761	124,934	2,226	1,813	34,064	1,677
	Wisconsin.....	16	10	1,153	7,989	824	1,611	4,867	26,491	94,973	1,806	1,344	24,935	1,149
	West North Central	12	9	484	3,140	399	798	2,492	10,828	42,356	567	480	7,573	428
	Pacific.....	4	3	141	988	107	205	633	5,561	14,059	(2)	107	2,439	(D)
2084	Wines and brandy, total.....	239	73	5,941	29,029	4,319	8,638	17,659	114,242	(4)	6,526	5,724	96,749	7,697
	Northeast.....	51	18	1,360	7,736	976	2,116	4,369	23,302	(4)	1,631	1,460	22,169	1,692
	New York.....	37	13	1,069	6,246	765	1,689	3,439	19,445	(4)	901	(3)	(3)	(3)
	North Central.....	29	6	527	2,649	320	577	1,328	9,881	(4)	774	534	8,817	750
	Michigan.....	6	2	167	589	69	114	228	2,183	(4)	(2)	256	2,759	210
	South.....	15	4	299	1,303	241	469	741	6,372	(4)	(2)	224	2,728	410
	West.....	144	45	3,755	17,341	2,782	5,476	11,221	74,687	(4)	4,001	3,503	63,035	4,845
	California.....	133	43	3,635	16,723	2,695	5,322	10,827	72,298	(4)	3,832	3,359	61,604	4,650
	2085	Distilled liquor except brandy, total.....	122	91	20,528	102,619	16,629	32,207	73,870	444,831	5927,992	9,908	21,505	356,741
New England.....		11	7	946	5,217	700	1,373	2,655	28,030	45,349	637	4,542	61,000	6,358
Middle Atlantic...		21	14	3,346	15,496	2,620	5,099	10,897	67,449	116,526	1,049	846	2,467	4,677
Pennsylvania....		12	7	2,498	11,343	1,938	3,741	7,748	47,688	84,326	846	2,467	32,244	4,677
North Central.....		21	18	6,219	33,920	5,006	9,851	25,013	142,879	317,496	2,447	6,678	116,051	10,067
South.....		52	46	9,270	44,240	7,788	15,018	33,426	183,597	394,598	5,136	9,857	162,879	13,269
Kentucky.....		41	37	7,712	37,090	6,495	12,587	28,617	162,201	344,416	4,644	4,644	162,879	13,269
West.....		17	6	747	3,746	515	866	1,879	22,876	50,142	639	426	16,809	(D)
2086	Bottled and canned soft drinks, total.....	4,362	1,411	96,347	401,713	39,164	79,328	130,339	844,688	1,512,612	63,440	91,616	633,045	79,397
	New England.....	312	71	5,025	20,178	2,248	4,456	7,480	39,200	74,267	2,745	4,967	30,049	5,141
	Maine.....	45	7	448	1,644	211	443	662	3,466	6,499	(2)	(3)	(3)	(3)
	New Hampshire...	20	6	393	1,567	210	473	745	3,010	7,631	(D)	400	2,230	306
	Massachusetts....	134	35	2,460	10,057	1,033	1,999	3,489	18,204	34,037	1,173	2,427	14,352	2,586
	Connecticut.....	71	18	1,180	4,874	535	1,057	1,815	10,763	18,760	873	1,106	7,498	1,100
	Middle Atlantic...	706	183	14,759	72,261	6,334	12,385	25,441	149,341	260,454	9,734	15,077	116,716	13,017
	New Jersey.....	124	35	2,321	11,990	984	1,945	4,129	24,203	42,112	1,395	3,716	29,528	2,888
	East North Central	754	242	17,549	81,498	7,446	14,970	26,799	169,725	281,504	13,819	17,017	127,464	14,555
	Ohio.....	175	77	5,488	25,168	2,185	4,440	7,960	49,374	85,365	4,037	5,107	38,244	3,813
	Illinois.....	203	63	4,697	23,434	2,018	3,984	7,519	45,741	81,353	3,204	4,554	36,719	4,194
	Michigan.....	109	38	2,888	13,372	1,318	2,593	4,814	26,388	46,042	1,973	3,092	24,643	2,749
	West North Central	422	109	7,457	31,911	3,186	6,408	10,530	66,180	114,623	4,693	7,526	51,808	6,887
	Minnesota.....	75	21	1,394	6,292	588	1,128	2,088	12,256	21,649	965	(3)	(3)	(3)
	Missouri.....	113	37	2,877	13,387	1,176	2,395	4,073	27,984	45,743	1,749	2,958	21,656	2,530
	North Dakota....	17	6	244	874	110	228	327	1,842	2,881	(2)	220	1,189	256
	South Dakota....	20	5	270	965	146	293	409	1,991	3,734	(2)	269	1,618	231
	Nebraska.....	52	7	587	2,171	260	572	799	4,484	8,279	(2)	534	3,211	638

See footnotes at end of table.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2086	Bottled and canned soft drinks—Con.													
	South Atlantic.....	740	330	20,324	75,174	7,758	16,482	22,139	162,232	307,129	13,332	18,684	115,488	15,292
	Maryland.....	50	28	2,150	9,005	708	1,580	2,461	18,455	34,250	955	1,770	11,661	1,364
	District of Columbia.....	5	4	329	1,766	103	254	319	3,503	6,050	(2)	(3)	(3)	(3)
	Virginia.....	95	53	2,923	11,285	1,092	2,512	2,995	24,048	45,523	2,697	3,000	17,588	2,207
	Florida.....	138	52	3,377	12,850	1,284	2,707	3,966	28,098	53,783	2,465	2,832	17,320	2,115
	East South Central	389	149	8,995	29,363	3,544	7,504	9,369	63,000	118,211	4,857	8,431	48,144	7,436
	Alabama.....	102	38	2,410	7,367	849	1,756	2,105	16,305	30,842	1,032	2,259	11,445	2,131
	Mississippi.....	95	34	1,867	5,211	849	1,701	1,997	11,098	21,300	954	1,771	9,314	1,539
	West South Central	529	181	12,304	41,951	4,786	9,617	12,790	92,342	165,599	5,228	11,623	71,771	10,015
	Arkansas.....	79	23	1,494	4,679	658	1,238	1,578	10,234	18,640	(D)	1,419	8,207	1,102
	Louisiana.....	74	41	2,670	8,483	970	1,934	2,593	20,700	35,993	932	(3)	(3)	(3)
	Oklahoma.....	84	16	1,232	4,374	549	1,078	1,508	9,123	18,004	(D)	(3)	(3)	(3)
	Texas.....	292	101	6,908	24,415	2,609	5,367	7,111	52,285	92,962	3,187	6,321	38,826	5,627
	Mountain.....	208	51	3,077	12,308	1,451	2,800	4,644	26,654	49,059	1,810	(3)	(3)	(3)
	Montana.....	30	2	291	966	180	323	502	2,577	4,864	(2)	209	1,600	194
	Wyoming.....	14	1	150	509	70	122	196	1,011	1,957	(2)	(3)	(3)	(3)
	New Mexico.....	32	11	518	1,958	252	468	752	3,870	7,317	(2)	425	2,827	320
	Pacific.....	302	95	6,857	37,069	2,411	4,706	11,147	85,014	141,766	7,222	(3)	(3)	(3)
	Washington.....	49	14	906	4,669	323	652	1,488	9,804	16,601	1,007	864	7,003	628
	Oregon.....	43	7	520	2,340	228	402	850	4,938	8,355	(2)	(3)	(3)	(3)
	California.....	210	74	5,431	30,060	1,860	3,652	8,809	70,272	116,810	5,807	4,517	45,170	4,025
2087	Flavorings, total...	531	95	9,483	49,346	5,306	10,477	22,283	262,223	512,607	5,515	10,593	219,445	11,726
	New England.....	46	8	361	1,555	224	411	747	4,266	10,701	211	366	2,351	534
	Massachusetts...	27	3	187	858	123	226	412	1,963	4,751	163	260	1,767	327
	Middle Atlantic...	142	31	3,016	16,146	1,787	3,585	7,993	76,976	144,874	1,845	3,142	60,949	3,920
	New York.....	90	18	1,746	9,643	995	2,047	4,630	47,162	88,699	733	2,079	39,396	2,807
	New Jersey.....	27	7	754	4,149	571	1,092	2,552	21,620	41,258	844	574	16,457	731
	Pennsylvania.....	25	6	516	2,354	221	446	811	8,194	14,917	268	489	5,095	382
	East North Central	132	22	2,199	11,323	1,204	2,359	5,077	40,818	90,658	530	2,676	39,802	2,685
	Ohio.....	30	5	391	1,528	210	375	740	3,004	6,777	(2)	442	2,961	635
	Indiana.....	10	2	117	524	68	127	236	1,466	2,948	(2)	133	1,157	308
	Illinois.....	62	13	1,457	7,983	807	1,625	3,581	33,455	74,914	(2)	1,897	33,580	1,488
	Michigan.....	23	1	124	737	67	119	256	1,433	3,177	(2)	152	1,743	200
	Wisconsin.....	7	1	110	551	52	113	264	1,480	2,842	(2)	(3)	(3)	(3)
	West North Central	40	6	684	3,398	403	798	1,649	15,117	31,854	255	541	12,850	602
	Missouri.....	26	6	596	2,995	350	692	1,458	13,365	27,943	(2)	455	11,936	477
	South Atlantic...	47	6	985	4,972	482	959	1,779	45,425	82,313	601	1,203	41,736	1,080
	Georgia.....	11	3	619	2,894	261	524	882	26,891	48,093	(2)	534	24,613	501
	East South Central	13	4	238	1,141	144	315	545	20,928	28,586	(2)	202	13,489	175
	West South Central	40	7	582	3,011	275	498	1,003	26,138	45,504	844	636	22,652	416
	West.....	71	11	1,418	7,800	787	1,552	3,490	32,555	78,117	932	1,825	25,612	2,314
	California.....	53	10	1,292	7,161	716	1,428	3,233	29,952	71,981	915	1,546	22,958	1,870

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2082, Malt Liquors: New England—Massachusetts, 7 (1,000-2,499); Rhode Island, 1 (500-999); Connecticut, 1 (100-249); West North Central—Iowa, 2 (20-99); Nebraska, 3 (500-999); South Atlantic—Virginia, 3 (100-249); West Virginia, 1 (20-99); Georgia, 1 (100-249); West South Central—Louisiana, 4 (1,840); Oklahoma, 1 (20-99); Texas, 7 (1,825); Mountain—Montana, 5 (250-499); Idaho, 1 (20-99); Colorado, 4 (500-999); Arizona, 1 (100-249); Utah, 2 (100-249); Pacific—Washington, 8 (1,000-2,499); Oregon, 1 (100-249).

SIC 2083, Malt: Middle Atlantic—New York, 6 (100-249); New Jersey, 1 (20-99); East North Central—Ohio, 1 (20-99); Illinois, 5 (250-499); Michigan, 1 (20-99); West North Central—Minnesota, 11 (250-499); Missouri, 1 (20-99); Pacific—Washington, 1 (20-99); California, 3 (20-99).

SIC 2084, Wines and Brandy: Middle Atlantic—New Jersey, 11 (250-499); Pennsylvania, 3 (1-19); North Central—Ohio, 13 (100-249); Indiana, 1 (1-19); Illinois, 4 (100-249); Wisconsin, 1 (1-19); Missouri, 4 (1-19); South—Maryland, 2 (100-249); District of Columbia, 1 (1-19); Virginia, 2 (20-99); Georgia, 1 (1-19); Florida, 4 (20-99); Kentucky, 1 (20-99); Arkansas, 3 (1-19); Louisiana, 1 (1-19); Pacific—Washington, 9 (20-99); Oregon, 2 (20-99).

SIC 2085, Distilled Liquor Except Brandy: New England—Maine, 2 (20-99); New Hampshire, 1 (1-19); Massachusetts, 5 (500-999); Connecticut, 3 (250-499); Middle Atlantic—New York, 2 (250-499); New Jersey, 7 (500-999); North Central—Ohio, 4 (1,000-2,499); Indiana, 4 (1,000-2,499); Illinois, 4 (2,127); Michigan, 2 (100-249); Wisconsin, 2 (1-19); Minnesota, 1 (100-249); Iowa, 1 (250-499); Missouri, 2 (20-99); Kansas, 1 (100-249); South—Maryland, 7 (1,316); Virginia, 1 (20-99); Georgia, 1 (20-99); Tennessee, 1 (100-249); Louisiana, 1 (20-99); West—Nevada, 1 (1-19); Washington, 1 (1-19); Oregon, 1 (1-19); California, 14 (500-999).

SIC 2086, Bottled and Canned Soft Drinks: New England—Vermont, 14 (100-249); Rhode Island, 28 (250-499); Middle Atlantic—New York, 293 (7,179); Pennsylvania, 289 (5,259); East North Central—Indiana, 122 (2,790); Wisconsin, 145 (1,686); West North Central—Iowa, 82 (1,204); Kansas, 63 (500-999); South Atlantic—Delaware, 12 (250-499); West Virginia, 72 (1,000-2,499); North Carolina, 143 (4,369); South Carolina, 88 (1,000-2,499); Georgia, 137 (3,488); East South Central—Kentucky, 85 (1,000-2,499); Tennessee, 107 (2,500-4,999); Mountain—Idaho, 21 (250-499); Colorado, 45 (500-999); Arizona, 33 (500-999); Utah, 25 (250-499); Nevada, 8 (100-249).

SIC 2087, Flavorings: New England—Maine, 3 (20-99); New Hampshire, 2 (1-19); Vermont, 1 (1-19); Rhode Island, 9 (20-99); Connecticut, 4 (20-99); West North Central—Minnesota, 6 (20-99); Iowa, 3 (20-99); Nebraska, 2 (1-19); Kansas, 3 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 10 (100-249); District of Columbia, 2 (1-19); Virginia, 6 (20-99); West Virginia, 1 (1-19); North Carolina, 4 (1-19); South Carolina, 1 (1-19); Florida, 11 (20-99); East South Central—Kentucky, 2 (20-99); Tennessee, 6 (100-249); Alabama, 2 (20-99); Mississippi, 4 (1-19); West South Central—Arkansas, 2 (20-99); Louisiana, 9 (100-249); Oklahoma, 4 (20-99); Texas, 25 (250-499); West—Montana, 1 (1-19); Colorado, 6 (20-99); Arizona, 1 (1-19); Utah, 1 (1-19); Washington, 4 (20-99); Oregon, 5 (20-99).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>This State or Region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for States not shown separately. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>4</sup>Omitted because of duplication in Cost of Materials and Value of Shipments.<sup>5</sup>Relates to value of production rather than value of shipments in Industry 2085, Distilled Liquors, Except Brandy.



Table 2A--Delivery Operations by Industry, Regions, and States: 1958

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery services <sup>4</sup> (\$1,000)
	Total industry	Reporting panel	Total industry	Reporting panel	Number <sup>2</sup>	Payroll <sup>3</sup> (\$1,000)	
	INDUSTRY 2082--MALT LIQUORS						
United States, total.....	258	197	71,494	160,504	9,130	58,494	7,868
Northeast.....	75	62	26,052	24,689	4,591	30,439	5,677
New York.....	26	20	11,027	10,862	2,187	16,662	3,405
North Central.....	109	87	29,002	23,651	2,708	16,248	998
Minnesota.....	13	10	2,947	2,868	160	1,021	( <sup>5</sup> )
South.....	36	27	8,536	8,010	1,486	8,551	555
West.....	38	21	7,904	4,154	545	3,256	638
	INDUSTRY 2086--SOFT DRINKS						
United States, total.....	4,362	2,572	96,347	79,673	34,671	164,341	9,539
New England.....	312	134	5,025	4,013	1,472	7,888	508
Maine.....	45	14	448	297	94	404	( <sup>5</sup> )
New Hampshire.....	20	13	393	247	99	389	150
Vermont.....	14	8	133	105	42	171	( <sup>5</sup> )
Massachusetts.....	134	58	2,460	2,008	752	3,967	137
Rhode Island.....	28	9	411	344	146	722	( <sup>5</sup> )
Connecticut.....	71	32	1,180	1,012	339	2,235	171
Middle Atlantic.....	706	336	14,759	11,498	4,877	27,991	2,572
New York.....	293	134	7,179	5,411	2,236	13,444	1,490
New Jersey.....	124	51	2,321	1,566	741	4,785	575
Pennsylvania.....	289	151	5,259	4,521	1,900	9,762	507
East North Central.....	754	405	17,549	14,594	6,071	33,020	4,432
Ohio.....	175	115	5,488	4,726	1,938	10,050	172
Indiana.....	122	78	2,790	2,445	925	4,694	( <sup>5</sup> )
Illinois.....	203	106	4,697	4,010	1,760	10,797	3,496
Michigan.....	109	62	2,888	2,397	1,017	5,340	713
Wisconsin.....	145	44	1,686	1,016	431	2,139	( <sup>5</sup> )
West North Central.....	422	259	7,457	6,256	2,527	12,799	317
Minnesota.....	75	49	1,394	1,232	465	2,332	( <sup>5</sup> )
Iowa.....	82	51	1,204	1,059	441	2,117	120
Missouri.....	113	68	2,877	2,463	1,092	5,658	104
North Dakota.....	17	12	244	208	64	312	...
South Dakota.....	20	13	270	229	64	322	( <sup>5</sup> )
Nebraska.....	52	29	587	415	157	661	( <sup>5</sup> )
Kansas.....	63	37	881	650	244	1,417	( <sup>5</sup> )
South Atlantic.....	740	519	20,324	17,120	7,767	31,264	609
Maryland.....	50	33	2,150	2,003	900	4,528	( <sup>5</sup> )
Virginia.....	95	78	2,923	2,413	1,101	4,280	( <sup>5</sup> )
West Virginia.....	72	51	1,251	1,084	423	1,880	( <sup>5</sup> )
North Carolina.....	143	108	4,369	3,451	1,689	6,526	( <sup>5</sup> )
South Carolina.....	88	55	2,184	1,813	821	2,583	( <sup>5</sup> )
Georgia.....	137	100	3,488	3,011	1,384	4,897	166
Florida.....	138	83	3,377	2,806	1,200	5,119	204
East South Central.....	389	276	8,995	7,666	3,669	12,931	176
Kentucky.....	85	62	1,933	1,699	782	3,220	( <sup>5</sup> )
Tennessee.....	107	79	2,785	2,460	1,115	4,087	( <sup>5</sup> )
Alabama.....	102	70	2,410	2,060	1,106	3,604	( <sup>5</sup> )
Mississippi.....	95	65	1,867	1,447	666	2,020	( <sup>5</sup> )
West South Central.....	529	341	12,304	10,393	4,661	18,143	454
Arkansas.....	79	53	1,494	1,180	554	2,004	135
Louisiana.....	74	47	2,670	2,343	1,038	3,846	( <sup>5</sup> )
Oklahoma.....	84	49	1,232	933	400	1,587	( <sup>5</sup> )
Texas.....	292	192	6,908	5,937	2,669	10,706	263
Mountain.....	208	119	3,077	2,382	953	4,529	105
Montana.....	30	13	291	182	62	322	( <sup>5</sup> )
Idaho.....	21	15	271	228	82	401	( <sup>5</sup> )
Colorado.....	45	26	810	682	282	1,349	( <sup>5</sup> )
New Mexico.....	32	16	518	379	149	694	( <sup>5</sup> )
Arizona.....	33	19	551	392	184	950	( <sup>5</sup> )
Utah.....	25	14	367	289	110	507	( <sup>5</sup> )
Pacific.....	302	183	6,857	5,751	2,674	15,776	366
Washington.....	49	32	906	754	372	2,197	( <sup>5</sup> )
Oregon.....	43	24	520	361	161	993	( <sup>5</sup> )
California.....	210	127	5,431	4,636	2,141	12,586	305

<sup>1</sup>Excluded are 19 plants with 10,665 employees which reported that no deliveries were made from the plant, and that distribution was performed by sales branches. The operations of sales branches were covered in the Census of Business for 1958, and no detail is available on delivery employees of such establishments.

<sup>2</sup>Employees engaged in delivery of products from the central plant to retail and wholesale outlets, to a company's own stores or to households. The figure includes route salesmen, highway-truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

<sup>3</sup>Includes wages, salaries, bonuses, commissions, and other remunerations to delivery personnel before deductions.

<sup>4</sup>Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished, and any other contract costs related to delivery of products of the plant.

<sup>5</sup>Less than \$100 thousand.

## MANUFACTURES—INDUSTRY STATISTICS

Table 3.—Detailed Statistics for the United States: 1958

Item	Malt liquors (SIC 2082)	Malt (SIC 2083)	Wines and brandy (SIC 2084)	Distilled liquors, except brandy (SIC 2085)	Bottled and canned soft drinks (SIC 2086)	Flavorings (SIC 2087)
Primary product specialization ratio <sup>1</sup> .....	100	100	( <sup>3</sup> )	98	98	90
Coverage ratio <sup>2</sup> .....	100	98	496	100	98	83
Number of establishments, total.....	258	46	239	122	4,362	531
With 1-19 employees.....	34	12	166	31	2,951	436
With 20-99 employees.....	88	29	62	45	1,280	74
With 100 employees or more.....	136	5	11	46	131	21
Proprietors and working partners.....Number..	9	6	117	9	2,632	206
All employees:						
Number (average for the year).....	71,494	2,404	<sup>5</sup> 5,983	<sup>5</sup> 19,932	96,347	9,483
Payroll.....\$1,000..	442,321	16,338	29,029	102,619	401,713	49,346
Production workers:						
Number (average for the year).....	47,894	1,802	<sup>5</sup> 4,361	<sup>5</sup> 16,033	39,164	5,306
January.....	...	...	4,153	14,140	...	...
February.....	...	...	3,961	14,689	...	...
March.....	45,862	1,863	4,115	15,257	36,000	5,084
April.....	...	...	4,025	14,508	...	...
May.....	48,469	1,777	4,087	15,332	39,728	5,652
June.....	...	...	3,719	16,002	...	...
July.....	...	...	3,955	13,824	...	...
August.....	51,155	1,698	4,257	15,777	43,328	5,511
September.....	...	...	5,221	16,383	...	...
October.....	...	...	5,475	19,771	...	...
November.....	46,090	1,867	4,817	20,150	37,600	5,077
December.....	...	...	4,546	16,564	...	...
Man-hours.....1,000..	91,500	3,556	8,638	32,207	79,328	10,477
January-March.....do...	21,346	923	1,961	7,348	17,491	2,498
April-June.....do...	23,764	880	1,959	7,477	20,768	2,776
July-September.....do...	24,874	795	2,158	7,644	22,540	2,682
October-December.....do...	21,516	962	2,560	9,738	18,529	2,521
Wages.....\$1,000..	279,559	10,910	17,659	<sup>7</sup> 73,870	130,339	22,283
Cost of materials, etc., total.....do...	869,421	137,977	( <sup>3</sup> )	482,841	670,339	247,786
Materials, parts, containers, and supplies consumed.....do...	845,761	120,985	( <sup>3</sup> )	391,500	<sup>7</sup> 596,754	230,233
Cost of resales.....do...	2,411	11,471	7,188	82,145	55,686	13,971
Fuels consumed.....do...	13,063	3,508	1,189	6,197	6,980	1,295
Electricity purchased.....do...	7,915	1,767	1,190	2,767	7,091	955
Contract work.....do...	271	246	294	232	3,828	1,332
Value of shipments (including resales), total <sup>6</sup> .....do...	1,982,664	195,327	( <sup>3</sup> )	927,992	1,512,612	512,607
Value of resales.....do...	2,934	11,893	9,360	97,819	66,767	17,697
Value added by manufacture, adjusted.....do...	1,114,590	55,087	114,242	444,831	844,688	262,223
Manufacturers' inventories:						
Beginning of year, total.....do...	137,851	76,964	89,209	581,890	<sup>7</sup> 91,968	71,074
Finished products.....do...	22,612	40,694	61,675	517,563	22,407	24,998
Work-in-process.....do...	25,219	4,091	20,821	27,310	2,875	2,703
Materials, supplies, fuel, etc.....do...	90,020	32,179	6,713	37,017	66,686	43,373
End of year, total.....do...	138,103	73,792	100,695	592,862	98,685	70,946
Finished products.....do...	24,414	39,092	66,457	528,389	24,398	21,919
Work-in-process.....do...	24,764	3,430	26,679	26,990	3,299	3,184
Materials, supplies, fuel, etc.....do...	88,925	31,270	7,559	37,483	70,990	45,843
Expenditures for plant and equipment, total.....do...	68,728	3,164	6,850	10,273	67,285	5,639
New, total.....do...	62,395	3,131	6,526	9,908	63,440	5,515
New structures and additions to plant.....do...	19,435	1,269	2,586	2,992	14,395	1,411
New machinery and equipment.....do...	42,960	1,862	3,940	6,916	49,045	4,104
Used plant and equipment.....do...	6,333	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>7</sup> )	<sup>7</sup> 3,845	( <sup>7</sup> )

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>Revised.

<sup>2</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>3</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>4</sup>Value of shipments and cost of materials not shown because they contain significant duplication of such shipments within the industry (see Introductory text). The specialization ratio on an unduplicated basis is estimated at more than 90 percent.

<sup>5</sup>Based on figures which contain significant duplication.

<sup>6</sup>Employment figures not identical with those appearing in tables 1, 2, 4, and 8. In this table 3 average number of production workers is the average of the twelve monthly figures; whereas in tables 1, 2, 4, and 8 it is the average of the figures for March, May, August, and November. All employees figure is the sum of the average number of production workers and the number of nonproduction as of March 15. (See table 1, footnote 2.)

<sup>7</sup>Except for Industry 2085, Distilled Liquors, except Brandy, in which value of production is reported.

<sup>8</sup>Less than \$500 thousand.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2082	Malt liquors:											
	Number of establishments.....	258	11	3	20	41	47	58	39	27	9	3
	All employees:											
	Number.....	71,494	16	22	299	1,419	3,340	9,238	13,544	18,212	14,697	10,707
	Payroll.....\$1,000..	442,321	94	61	1,107	6,345	16,678	51,324	82,012	114,192	99,766	70,742
	Value added, adjusted..do....	1,114,590	292	119	2,738	13,633	35,736	127,556	211,336	299,824	227,631	195,725
	Value of shipments.....do....	1,982,664	500	285	4,779	24,338	69,103	221,436	373,544	536,753	399,240	352,686
	Capital expend., new...do....	62,395	(1)	(1)	(1)	542	934	16,510	12,124	14,768	10,624	6,786
2083	Malt:											
	Number of establishments.....	46	2	1	9	17	12	4	1	...	...	...
	All employees:											
	Number.....	2,404	140	(D)	(D)	514	872	878	(D)	...	...	...
	Payroll.....\$1,000..	16,338	954	(D)	(D)	3,666	5,644	6,074	(D)	...	...	...
	Value added, adjusted..do....	55,087	2,402	(D)	(D)	13,171	20,027	19,487	(D)	...	...	...
	Value of shipments.....do....	195,327	7,322	(D)	(D)	45,033	73,412	69,560	(D)	...	...	...
	Capital expend., new...do....	3,131	(1)	(D)	(D)	691	1,422	901	(D)	...	...	...
2084	Wines and brandy:											
	Number of establishments.....	239	77	46	43	42	20	8	3	...	...	...
	All employees:											
	Number.....	5,941	184	314	593	1,363	1,443	1,050	994	...	...	...
	Payroll.....\$1,000..	29,029	694	1,251	2,460	6,533	6,990	6,223	4,878	...	...	...
	Value added, adjusted..do....	114,242	3,278	5,643	8,963	21,345	23,770	25,375	25,868	...	...	...
	Value of shipments.....do....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	...	...	...
	Capital expend., new...do....	6,526	(1)	(1)	(1)	1,224	1,300	2,027	770	...	...	...
2085	Distilled liquor except brandy:											
	Number of establishments.....	122	11	8	12	27	18	23	12	8	3	...
	All employees:											
	Number.....	20,528	19	49	162	966	1,291	3,696	4,668	5,553	4,124	...
	Payroll.....\$1,000..	102,619	68	201	820	4,312	5,543	19,275	23,845	26,997	21,558	...
	Value added, adjusted..do....	444,831	138	418	1,407	9,872	13,507	70,325	137,847	84,353	126,964	...
	Value of production...do....	927,992	737	1,489	3,664	20,822	30,728	203,711	260,544	176,883	229,414	...
	Capital expend., new...do....	9,908	(1)	(1)	(1)	(1)	855	1,712	3,962	1,635	924	...
2086	Bottled and canned soft drinks:											
	Number of establishments.....	4,362	954	834	1,163	1,013	267	108	20	3	...	...
	All employees:											
	Number.....	96,347	2,242	5,778	16,094	30,350	18,024	15,170	6,592	2,097	...	...
	Payroll.....\$1,000..	401,713	7,114	20,035	56,856	119,505	79,507	73,232	33,442	12,022	...	...
	Value added, adjusted..do....	844,688	17,521	42,658	119,979	250,993	174,599	151,759	66,708	20,471	...	...
	Value of shipments.....do....	1,512,612	37,901	83,842	223,100	457,996	310,973	256,293	108,332	34,175	...	...
	Capital expend., new...do....	63,440	2,508	3,355	8,871	19,423	12,502	12,127	3,248	1,406	...	...
2087	Flavorings:											
	Number of establishments.....	531	280	88	68	49	25	17	4	...	...	...
	All employees:											
	Number.....	9,483	587	596	956	1,485	1,750	2,466	1,643	...	...	...
	Payroll.....\$1,000..	49,346	2,247	3,111	4,824	8,228	8,847	13,534	8,555	...	...	...
	Value added, adjusted..do....	262,223	6,128	7,074	22,427	39,902	78,030	55,955	52,707	...	...	...
	Value of shipments.....do....	512,607	15,808	16,192	43,161	69,854	149,072	116,366	102,154	...	...	...
	Capital expend., new...do....	5,515	(1)	(1)	629	682	1,137	1,586	897	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

<sup>2</sup>Not shown because of significant duplication of shipments within the industry.

**Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2082	Malt liquors.....1958..	1,982,664	1,968,615	9,805	4,244	100	1,972,078	1,968,615	3,463	100
	.....1954..	1,870,769	1,850,719	4,339	15,711	100	1,854,825	1,850,719	4,106	100
2083	Malt.....1958..	195,327	(D)	(D)	13,437	100	184,878	(D)	(D)	98
	.....1954..	203,614	193,056	134	10,424	100	193,120	193,056	64	100
2084	Wines and brandy.....1958..	( <sup>3</sup> )	247,759	4,025	12,148	( <sup>3</sup> )	259,365	247,759	11,606	<sup>4</sup> 96
	.....1954..	( <sup>3</sup> )	167,896	2,058	10,045	( <sup>3</sup> )	175,396	167,896	7,500	<sup>4</sup> 96
2085	Distilled liquor, except brandy <sup>5</sup> 1958..	927,992	793,503	15,046	119,443	98	796,577	793,503	3,074	100
	.....1954..	754,643	682,808	7,738	64,097	99	684,329	682,808	1,521	100
2086	Bottled and canned soft drinks..1958..	1,512,612	1,403,012	27,882	81,718	98	1,438,749	1,403,012	35,737	98
	.....1954..	1,189,254	1,086,949	18,024	84,281	98	1,096,065	1,086,949	9,116	99
2087	Flavorings.....1958..	512,607	445,251	48,381	18,975	90	536,904	445,251	91,653	83
	.....1954..	459,433	405,942	38,429	15,062	91	464,166	405,942	58,224	87

<sup>1</sup>D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in Tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>4</sup>Value of shipments is not shown because of significant duplication of such shipments within the industry (see Introductory text). The specialization ratios on an unduplicated basis are estimated at more than 90 percent.

<sup>5</sup>Percentages are based on figures containing significant duplication.

<sup>6</sup>Figures relate to value of production rather than value of shipments.

**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958**

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Malt liquors industry	Malt liquors (SIC 2082)	Other industries	All industries
	Total shipments and receipts of the industry.....	1,982,664	xxx	xxx
20820	Primary products.....	1,968,615	3,463	1,972,078
	Malt liquors and brewing byproducts.....	1,968,615	3,463	1,972,078
	Secondary products.....	9,805	xxx	xxx
20994	Brewers yeast.....	1,519	xxx	xxx
	Other secondary products.....	8,286	xxx	xxx
	Miscellaneous receipts, including resales.....	4,244	xxx	xxx

Prod. class code	Wines and brandy industry	Wines and brandy (SIC 2084)	Distilled liquor (SIC 2085)	Other industries	All industries
	Total shipments and receipts of the industry.....	( <sup>1</sup> )	xxx	xxx	xxx
20840	Wines, brandy, and brandy spirits.....	247,759	10,606	1,000	259,365
20334	Secondary products.....	4,025	xxx	xxx	xxx
	Canned fruit juices.....	2,204	xxx	xxx	xxx
	Other secondary products.....	1,821	xxx	xxx	xxx
	Miscellaneous receipts.....	12,148	xxx	xxx	xxx
	Resales and other nonmanufacturing activities.....	9,692	xxx	xxx	xxx
	Commission and contract work.....	2,456	xxx	xxx	xxx

See footnotes at end of table.



**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued**

Prod. class code	Distilled liquor, except brandy industry	Distilled liquor, except brandy (SIC 2085)	Other industries	All industries		
	Total value of production and receipts of the industry.....	927,992	xxx	xxx		
	Primary products.....	795,503	5,074	796,577		
20841	Distilled liquor (including distillers grains), except brandy.....	(D)	(D)	144,927		
20843	Bottled liquors.....	(D)	(D)	650,770		
20850	Distilled liquor, nsk.....	(D)	(D)	88		
	Secondary products.....	15,046	xxx	xxx		
20840	Wines, brandy, and brandy spirits.....	10,606	xxx	xxx		
	Other secondary products.....	4,440	xxx	xxx		
	Miscellaneous receipts.....	119,443	xxx	xxx		
	Contract and commission work.....	19,678	xxx	xxx		
	Resales and other nonmanufacturing activities.....	99,765	xxx	xxx		
Prod. class code	Bottled and canned soft drinks industry	Bottled and canned soft drinks (SIC 2086)	Other industries	All industries		
	Total shipments and receipts of the industry.....	1,512,612	xxx	xxx		
20860	Bottled and canned soft drinks.....	1,403,012	35,737	1,438,749		
	Secondary products.....	27,882	xxx	xxx		
20871	Flavoring extracts, emulsions, and other liquid flavors.....	2,421	xxx	xxx		
20873	Flavoring sirups, for use by soft drink bottlers.....	12,229	xxx	xxx		
20874	Other flavoring agents, except chocolate sirups.....	5,232	xxx	xxx		
	Other secondary products.....	8,000	xxx	xxx		
	Miscellaneous receipts.....	81,718	xxx	xxx		
	Commission receipts.....	4,254	xxx	xxx		
	Resales and other nonmanufacturing activities.....	77,464	xxx	xxx		
Prod. class code	Flavorings industry	Flavorings (SIC 2087)	Soft drinks (SIC 2086)	Food preparations, nec (SIC 2099)	Other industries	All industries
	Total shipments and receipts of the industry.....	512,607	xxx	xxx	xxx	xxx
	Primary products.....	445,251	20,066	26,621	44,966	536,904
20871	Flavoring extracts, emulsions, and other flavors.....	40,898	(D)	12,214	(D)	71,660
20872	Beverage bases, except sirups.....	51,508	(D)	(D)	1,545	59,230
20873	Flavoring sirups, soft drinks.....	204,218	12,229	(D)	(D)	217,354
20874	Other flavoring agents, except chocolate sirups.....	139,865	5,232	6,457	25,096	176,650
20870	Flavorings, nsk.....	8,762	(D)	(D)	1,481	12,010
	Secondary products.....	48,381	xxx	xxx	xxx	xxx
20334	Canned fruit juices.....	3,667	xxx	xxx	xxx	xxx
20338	Jams, jellies, and preserves.....	2,023	xxx	xxx	xxx	xxx
20716	Other candy and confectionery.....	2,591	xxx	xxx	xxx	xxx
20998	Chocolate and cocoa products.....	5,921	xxx	xxx	xxx	xxx
20999	Other food preparations, nec.....	2,263	xxx	xxx	xxx	xxx
	Other secondary products.....	31,916	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	18,975	xxx	xxx	xxx	xxx
	Miscellaneous contract receipts.....	961	xxx	xxx	xxx	xxx
	Resales and other nonmanufacturing activities.....	18,014	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Not shown because of significant duplication of shipments within the industry. (See Introductory text.)

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value, excluding State and Federal excise taxes (\$1,000)	Quantity	Value, excluding State and Federal excise taxes (\$1,000)
2082---	Malt liquors and brewing byproducts, total.....	.....	xxx	1,972,078	xxx	1,854,825
	Beer, ale, and other malt liquors.....	.....	xxx	1,952,338	xxx	1,832,783
	Beer and ale:					
	Case goods, cans:					
	Beer:					
2082014	12 oz. can.....	1,000 barrels.....	22,152	666,398	19,445	564,384
2082015	16 oz. can.....	..do.....	2,438	72,994		
2082018	Other can sizes.....	..do.....	405	13,503		
2082019	Ale (all can sizes).....	..do.....	450	14,803	546	15,844
	Case goods, bottles:					
	Beer:					
	Returnable bottles:					
2082022	Under 12 oz. bottles.....	..do.....	3,792	99,741	37,937	830,321
2082024	12 oz. bottles.....	..do.....	26,304	559,181		
2082027	32 oz. bottles.....	..do.....	5,230	109,766		
2082028	All other bottle sizes.....	..do.....	899	18,239		
	Nonreturnable bottles:					
2082032	Under 12 oz. bottles.....	..do.....	120	3,395	4,866	120,822
2082034	12 oz. bottles.....	..do.....	2,758	76,179		
2082037	32 oz. bottles.....	..do.....	2,096	47,624		
2082038	All other bottle sizes.....	..do.....	29	735		
2082041	Ale (all bottle sizes).....	..do.....	1,406	31,765	1,963	44,564
	Barrels and kegs:					
2082061	Beer.....	..do.....	16,503	223,526	18,315	235,729
2082063	Ale.....	..do.....	529	7,326	894	11,881
2082071	Porter, stout and other fermented malt liquors (cans, bottles, barrels, and kegs).....	..do.....	105	2,887	221	4,817
2082081	Bulk transfers of malt beverages to other establishments of the same company.....	..do.....	198	3,281	(NA)	(NA)
2082099	Beer, ale, and other malt liquors, nsk.....	.....	xxx	995	xxx	4,421
	Brewers' grains and other brewery products.....	.....	xxx	19,015	xxx	19,131
2082091	Malt extract.....	1,000 lbs.....	34,919	4,961	43,879	5,573
	Brewers' spent grains:					
2082093	Dry.....	1,000 short tons..	198	8,393	198	7,873
2082095	Wet.....	..do.....	1,092	5,661	564	5,525
	Brewers' grains and other brewery products, nsk.....	.....	xxx	xxx	xxx	160
2082000	Malt liquors and byproducts, nsk.....	.....	xxx	725	xxx	2,911
			Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2083---	Malt and malt byproducts, total.....	.....	xxx	184,878	xxx	193,120
2083011	Barley malt.....	1,000 lbs.....	3,004,644	175,142	3,005,008	179,886
2083021	Rye and wheat malt.....	..do.....	3,670	152	4,062	177
2083041	Malt sprouts (dry weight equivalent; screenings, chaff and skimmings).....	..do.....	561,837	9,584	603,267	13,057
			Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value, excluding State and Federal excise taxes (\$1,000)	Quantity	Value, excluding State and Federal excise taxes (\$1,000)
2084---	Wines and brandy, total.....	.....	xxx	1259,365	xxx	1175,396
	Still table wines, 14% and under:					
2084011	Light sweet grape wines.....	1,000 wine gals...	18,460	28,671	18,512	29,191
2084013	Other grape wines.....	..do.....	31,697	29,735	24,198	18,950
2084015	Fruit and berry wines.....	..do.....	2,351	4,310	3,217	4,827
	Still dessert wines, over 14%:					
2084021	Grape wines, all types.....	..do.....	120,592	125,023	89,138	88,816
2084025	Fruit and berry wines.....	..do.....	3,747	4,482	1,245	1,701
2084031	Sparkling wines, natural and carbonated.....	..do.....	2,169	10,964	1,544	8,553
2084041	Vermouth.....	..do.....	3,160	5,722	3,073	4,906

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value, excluding State and Federal excise taxes (\$1,000)	Quantity	Value, excluding State and Federal excise taxes (\$1,000)
2084---	Wines and brandy--Continued					
2084061	Beverage brandy.....	1,000 tax gals...	5,525	16,375	1,798	7,248
2084071	Neutral fruit spirits and neutral brandy.....	..do.....	4,991	5,620	2,122	2,826
2084000	Wines and brandy, nsk.....	..do.....	xxx	28,463	xxx	8,378
2085---	Distilled liquors, except brandy (value of production), total....		xxx	796,577	xxx	684,329
20851--	Distilled liquors, except brandy (including distillers grains)..		xxx	144,927	xxx	143,131
	Products of distilleries and industrial alcohol plants:					
	Whiskey (raw):					
2085111	Bourbon.....	1,000 proof gals.	102,772	85,109	90,176	80,862
2085115	Rye.....	..do.....	5,845	4,314	8,059	6,814
2085119	Other.....	..do.....	13,346	5,852	6,162	3,291
2085131	Spirits (except fruit).....	..do.....	66,080	24,150	52,350	21,047
2085149	Other distilled liquors (including gin).....	..do.....	17,326	8,793	24,656	10,568
	Distillers' grains:					
2085161	Distillers' dried grains, dark and light.....	1,000 short tons.	237	11,857	204	12,138
2085171	Distillers' dried solubles.....	..do.....	73	4,852	74	5,199
2085198	Distillers' grains, nec.....	..do.....	xxx	xxx	xxx	23,212
20853--	Bottled liquors.....		xxx	650,770	...	540,231
	Rectified products:					
	Whiskey:					
2085312	Blends of whiskeys.....	1,000 wine gals..	985	3,310	2,870	11,127
2085315	Blends with neutral spirits.....	..do.....	70,301	239,073	78,233	250,356
2085319	Other whiskey.....	..do.....	2,264	6,265	765	4,431
2085321	Gin.....	..do.....	1,656	3,566	1,502	2,757
2085331	Cordials, liqueurs, cocktails, and similar compounds.....	..do.....	6,819	27,536	5,158	19,819
2085333	Vodka.....	..do.....	3,199	7,537	2,432	5,657
2085335	Other rectified products.....	..do.....	1,050	2,756		
2085300	Bottled liquors, nsk.....	..do.....	xxx	239	xxx	2,239
	Unrectified products:					
2085351	Whiskey.....	1,000 wine gals..	41,207	202,818	27,543	136,253
2085355	Gin.....	..do.....	17,741	42,324	17,029	36,293
2085357	Vodka.....	..do.....	10,760	42,038	1,612	5,433
2085359	Other unrectified products.....	..do.....	668	1,690		
	Bottled in bond:					
	Whiskey:					
2085361	For domestic use.....	1,000 proof gals.	11,048	68,323	10,009	62,371
2085365	For export.....	..do.....	286	2,228	466	3,394
2085381	Other.....	..do.....	192	1,067	9	101
2085000	Distilled liquors, except brandy, nsk.....	..do.....	xxx	880	xxx	967
			Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2086--- <sup>3</sup>	Bottled and canned soft drinks (including fruit drinks and aides), total.....	1,000 cases.....	1,238,361	1,438,749	(NA)	(NA)
	Soft drinks, bottled, canned, and in bulk (excluding fruit drinks and aides).....	..do.....	1,227,097	1,406,861	*1,097,100	1,096,065
	Bottled soft drinks, all sizes.....	..do.....	1,194,141	1,355,954	1,076,045	1,067,407
	Carbonated (all sizes):					
20860-2	Drinks containing kola extract.....	..do.....	637,228	691,697	621,018	576,790
20860-3	Orange.....	..do.....	65,019	73,958	47,143	46,777
20860-4	Lemon, lime, and lemon and lime combination.....	..do.....	118,783	141,449	90,016	93,615
20860-5	Root beer and sarsaparilla.....	..do.....	40,960	47,705	35,066	37,476
20860-6	Ginger ale.....	..do.....	45,097	64,324	42,712	60,087
20860-7	Grape.....	..do.....	22,443	25,335	21,813	20,885
20860-8	Carbonated water and club soda.....	..do.....	19,863	29,024	19,323	25,824
20860-9	Other carbonated flavors, including dietetics.....	..do.....	79,411	94,079	76,407	82,217
20860-X	Flavor not reported <sup>5</sup> .....	..do.....	156,427	177,143	103,801	102,791
	Still (all sizes):					
2086065	Orange.....	..do.....	4,632	5,956	10,982	12,754
2086067	Other still.....	..do.....	4,278	5,286	7,764	8,191
2086071	Canned soft drinks, all sizes, except fruit drinks, (code 2086091-95).....	1,000 cases of 24	18,649	30,225	17,744	27,209
2086081	Soft drinks in bulk (barrels, tanks, etc.).....	1,000 gals.....	21,058	20,682	3,311	1,449

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2086--- <sup>3</sup>	Bottled and canned soft drinks (including fruit drinks and ades)-- Continued					
	Soft drinks, bottled, canned, and in bulk (excluding fruit drinks and ades)--Continued					
	Bottled soft drinks, carbonated:					
	Cases of 24 bottles:					
208601-	6 and 7 oz. bottles.....	1,000 cases.....	527,586	542,850	579,220	532,659
2086012	Drinks containing kola extract.....	..do.....	341,339	345,405	423,591	383,459
2086013	Orange.....	..do.....	15,361	15,781	13,309	12,278
2086014	Lemon, lime, and lemon and lime combination.....	..do.....	81,897	88,902	74,963	72,796
2086015	Root beer and sarsaparilla.....	..do.....	10,217	9,990	5,191	4,910
2086016	Ginger ale.....	..do.....	13,138	14,864	11,837	12,414
2086017	Grape.....	..do.....	4,485	4,610	7,339	6,667
2086018	Carbonated water and club soda.....	..do.....	6,608	8,073	6,700	6,878
2086019	Other carbonated flavors, including dietetics.....	..do.....	36,637	37,062	36,290	33,257
208601X	Flavor not reported.....	..do.....	17,904	18,163	...	...
208602-	8, 9, and 10 oz. bottles.....	..do.....	232,184	<sup>r</sup> 246,672	153,896	139,905
2086022	Drinks containing kola extract.....	..do.....	129,744	132,638	87,817	74,692
2086023	Orange.....	..do.....	32,853	36,909	22,686	21,275
2086024	Lemon, lime, lemon and lime combination.....	..do.....	9,315	9,954	5,042	4,691
2086025	Root beer and sarsaparilla.....	..do.....	10,559	11,619	10,578	10,205
2086026	Ginger ale.....	..do.....	4,426	5,468	4,918	7,528
2086027	Grape.....	..do.....	12,059	<sup>r</sup> 13,531	9,275	8,269
2086028	Carbonated water and club soda.....	..do.....	859	1,040	838	960
2086029	Other carbonated flavors, including dietetics.....	..do.....	16,344	18,611	12,742	12,285
208602X	Flavor not reported.....	..do.....	16,025	16,902	...	...
208603-	12 and 16 oz. bottles.....	..do.....	218,361	277,767	144,857	158,589
2086032	Drinks containing kola extract.....	..do.....	149,432	189,508	104,710	112,487
2086033	Orange.....	..do.....	9,556	11,151	5,638	5,753
2086034	Lemon, lime, and lemon and lime combination.....	..do.....	14,420	18,943	1,878	2,194
2086035	Root beer and sarsaparilla.....	..do.....	13,354	16,267	12,727	13,460
2086036	Ginger ale.....	..do.....	3,396	5,431	2,094	3,280
2086037	Grape.....	..do.....	3,806	4,381	2,876	2,898
2086038	Carbonated water and club soda.....	..do.....	2,611	3,885	2,036	2,957
2086039	Other carbonated flavors, including dietetics.....	..do.....	12,084	16,921	12,898	15,560
208603X	Flavor not reported.....	..do.....	9,702	11,280	...	...
208604-	Cases of 12 bottles: 20-32 oz. bottles.....	..do.....	99,020	153,193	75,525	112,518
2086042	Drinks containing kola extract.....	..do.....	16,713	24,146	4,900	6,152
2086043	Orange.....	..do.....	7,249	10,117	5,510	7,471
2086044	Lemon, lime, and lemon and lime combination.....	..do.....	13,151	23,650	8,133	13,934
2086045	Root beer and sarsaparilla.....	..do.....	6,830	9,827	6,570	8,901
2086046	Ginger ale.....	..do.....	24,137	38,561	23,863	36,865
2086047	Grape.....	..do.....	2,093	2,813	2,323	3,051
2086048	Carbonated water and club soda.....	..do.....	9,785	16,026	9,749	15,029
2086049	Other carbonated flavors, including dietetics.....	..do.....	14,346	21,485	14,477	21,115
208604X	Flavor not reported.....	..do.....	4,716	6,568	...	...
2086061	Bottled soft drinks, larger than 32 oz. bottles, all flavors	1,000 gals.....	2,652	2,869	(NA)	1,430
20860XX	Soft drinks, container and flavor not specified.....	1,000 cases.....	<sup>e</sup> 106,312	121,361	<sup>e</sup> 102,178	101,361
2086091	Fruit drinks and ades (fruit juice with added sugar, citric acid, etc.) <sup>7</sup> :					
2086093	40.1 oz-60 oz. (No. 3 cyl.).....	1,000 cases of 12	3,343	12,355	( <sup>8</sup> )	( <sup>8</sup> )
	Other sizes.....	..do.....	7,919	19,533	( <sup>8</sup> )	( <sup>8</sup> )
2087---	Flavorings, total.....		xxx	536,904	xxx	464,166
20871--	Flavoring extracts, emulsions, and other liquid flavors.....		xxx	71,660	xxx	65,182
2087111	Natural or true:					
2087115	In containers of 8 oz. or less.....	1,000 gals.....	1,038	15,039	1,522	16,406
	In containers of more than 8 oz.....	..do.....	2,442	16,625	1,976	15,982
2087151	Imitation:					
2087155	In containers of 8 oz. or less.....	..do.....	878	5,825	926	4,591
	In containers of more than 8 oz.....	..do.....	4,265	21,847	(NA)	21,089
2087100	Flavoring extracts, emulsions, and other liquid flavors, nsk..		57,074	12,324	xxx	7,114
20872--	Beverage bases (except sirups and concentrated fruit juices)....	1,000 gals.....	24,575	59,230	12,905	38,330
2087213	Containing kola extract or flavoring.....	..do.....	4,789	11,484	} 12,905	38,330
2087229	All other flavors.....	..do.....	19,786	47,746		

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2087---	Flavorings--Continued					
20875--	Flavoring sirups, for use by soft drink bottlers.....	1,000 gals.....	226,944	217,354	204,461	194,177
2087513	Containing kola extract or flavoring.....	...do.....	198,233	184,594	204,461	194,177
2087550	All other flavors.....	...do.....	28,711	32,760		
20874--	Other flavoring sirups and concentrates, except chocolate.....	.....	xxx	176,650	xxx	159,518
2087421	Flavoring concentrates, except beverage bases.....	1,000 lbs.....	13,250	4,580	<sup>9</sup> 81,833	20,240
2087451	Flavoring powders.....	...do.....	45,181	27,593	26,924	11,843
2087441	Flavoring pastes.....	...do.....	21,222	5,997	36,140	8,071
2087459	Flavoring sirups for fountain, ice cream, home beverage use, all flavors.....	1,000 gals.....	53,500	78,553	42,679	68,962
2087461	Fruit, crushed or whole for fountain and ice cream use.....	...do.....	4,546	15,008	4,590	15,981
2087471	Food colorings.....	.....	xxx	9,414	xxx	6,285
2087431	Concentrated fruit juice products (not frozen) <sup>10</sup> .....	1,000 gals.....	9,079	27,892	8,593	23,957
2087400	Other flavorings sirups and concentrates, except chocolate, nsk.....	.....	xxx	7,813	xxx	4,179
2087000	Flavorings, nsk.....	.....	xxx	12,010	xxx	6,959

NA Not available. <sup>7</sup>Revised.<sup>1</sup>Both the 1958 and 1954 figures contain extensive duplication because the products of some establishments are used as materials in other establishments in the same industry.<sup>2</sup>Includes a small amount of distillers' grains, nsk.<sup>3</sup>In the product code numbering system used to identify carbonated bottled soft drinks, the sixth digit (1 through 4) identifies the type and size of container and the seventh digit identifies the flavor, (x) indicates that the flavor was not reported and (-) indicates a summation of the flavors as specified in the table stub titles.<sup>4</sup>Includes a computed number of cases for soft drinks sold in bulk (product code 2086081) and bottled soft drinks larger than 32 oz. bottles (product code 2086061) arrived at by assuming 1.5 gallons equal to one case.<sup>5</sup>Includes product codes 208601X, 208602X, 208603X, 208604X; and 2086061 and 20860XX. (See footnotes 4 and 6 for methods of estimating cases for these last two codes.)<sup>6</sup>Number of cases estimated by applying average unit price per case of all bottle sizes and flavors reported to the value reported.<sup>7</sup>Includes fruit drinks distributed in glass, paperboard containers and cans by dairies and canneries; excludes a substantial quantity packed on commission from materials owned by others. Production of fruit drinks on commission was not reported in the 1958 Census of Manufactures.<sup>8</sup>Separate information not available for 1954; included with product code 2033498, "Other fruit and berry juices and nectars" in 1954 Census of Manufactures Bulletin MC-200, Industry 2033, Canned Fruits and Vegetables.<sup>9</sup>Reported in gallons in 1954 and converted to pounds at 11.5 pounds per gallon.<sup>10</sup>Information on frozen fruit and berry juices is included in the report for Industry 2037, Frozen Fruits and Vegetables.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of Production	Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
<u>Distilled liquors, except brandy (20851):</u>		<u>Flavoring extracts, emulsions and other liquid flavors (20871)--Continued</u>	1958 <sup>1</sup>	1954	<u>Flavoring sirups, for use by soft drink bottlers (20873)--Continued</u>	
United States, total:		East North Central.....	16,761	13,891	United States, total--Continued	
1958.....	144,927	Ohio.....	3,268	2,224	1952.....	<sup>a</sup> 270,094
1954.....	143,131	Indiana.....	917	1,813	1951.....	<sup>a</sup> 249,181
1947.....	213,937	Illinois.....	9,845	7,440	1950.....	<sup>a</sup> 231,652
	1958 <sup>1</sup>	Michigan.....	2,423	2,093	1947.....	<sup>a</sup> 222,561
Middle Atlantic.....	11,150	West North Central.....	3,591	5,337		1958 <sup>1</sup> 1954
North Central.....	45,557	Missouri.....	2,425	4,643	New England.....	3,732 3,217
Indiana.....	14,857	South Atlantic.....	9,147	18,442	Middle Atlantic.....	55,915 55,479
South.....	86,175	Maryland.....	5,375	4,287	East North Central.....	21,200 15,858
Pacific.....	1,204	West South Central.....	2,304	2,029	Illinois.....	18,534 14,169
<u>Bottled liquors (20853):</u>	Value of Production	Texas.....	1,635	1,661	West North Central.....	14,970 11,552
United States, total:		Pacific.....	7,758	6,448	South Atlantic.....	42,421 39,191
1958.....	650,770	California.....	5,801	4,885	East South Central.....	25,782 24,805
1957.....	640,160				West South Central.....	35,694 32,277
1956.....	646,122	<u>Beverage bases, except sirups and concentrated fruit juices (20872):</u>	Value of shipments		Pacific.....	19,246 11,589
1955.....	585,853	United States, total:				Value of shipments
1954.....	540,231	1958.....	59,230		<u>Other flavoring agents, except chocolate sirups (20874):</u>	
1953.....	655,433	1957.....	55,925		United States, total:	
1952.....	594,767	1956.....	49,070		1958.....	176,650
1951.....	660,821	1955.....	42,640		1954.....	<sup>a</sup> 159,518
1950.....	734,562	1954.....	38,330			1958 <sup>1</sup> 1954
1947.....	654,383	1951.....	56,652		New England.....	4,725 3,451
	1958 <sup>1</sup> 1954	1950.....	55,197		Middle Atlantic.....	42,996 51,469
New England.....	38,018 16,278	1947.....	48,488		New York.....	16,479 27,912
Middle Atlantic.....	98,512 81,950				New Jersey.....	18,863 16,719
Pennsylvania.....	66,761 55,043				Pennsylvania.....	7,654 6,837
North Central.....	200,512 186,008				East North Central.....	50,916 39,339
South.....	282,333 234,804				Ohio.....	5,068 4,497
West.....	31,395 21,191				Illinois.....	33,941 32,379
<u>Flavoring extracts, emulsions and other liquid flavors (20871):</u>	Value of shipments				Michigan.....	9,313 1,347
United States, total:					West North Central.....	9,747 9,787
1958.....	71,660				Missouri.....	8,147 7,790
1957.....	73,180				South Atlantic.....	19,525 14,800
1956.....	69,272				Maryland.....	11,554 8,040
1955.....	65,084				Virginia.....	1,102 1,063
1954.....	65,182				Georgia.....	5,285 5,321
1953.....	58,135				West South Central.....	10,274 8,953
1952.....	56,007				Mountain.....	732 2,212
1951.....	55,708				Pacific.....	37,093 28,348
1950.....	55,082					
1947.....	39,461					
	1958 <sup>1</sup> 1954					
New England.....	5,492 2,474					
Massachusetts.....	3,206 1,489					
Middle Atlantic.....	25,353 15,714					
New York.....	18,571 8,849					
New Jersey.....	5,251 5,900					
Pennsylvania.....	1,531 (2)					

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20851, Pennsylvania, Ohio, Illinois, Iowa, Kansas, Maryland, Kentucky, Tennessee, and California; 20853, Massachusetts, Connecticut, New York, New Jersey, Ohio, Indiana, Illinois, Michigan, Minnesota, Missouri, Maryland, Virginia, Kentucky, Tennessee, and California; 20871, Connecticut, Virginia, Georgia, Tennessee, and Washington; 20872, Missouri, Georgia, and Tennessee; 20873, Maine, New York, New Jersey, Pennsylvania, Ohio, Michigan, Iowa, Missouri, Maryland, Alabama, Kentucky, Texas, Louisiana, and Oregon; 20874, Massachusetts, Rhode Island, Wisconsin, Florida, Louisiana, Texas, Kansas and Oregon.

<sup>2</sup>Shipments of less than \$1 million reported.

<sup>3</sup>For 1953 and prior years, Product class 20874 was included with Product class 20873.



Table 6C.--Value of Shipments of Bottled and Canned Soft Drinks, by Class of Customer: 1958 and 1954

Item	Shipments (sales) of soft drinks							
	1958				1954			
	Quantity (1,000 cases)	Value (\$1,000)	Percent of total		Quantity (1,000 cases)	Value (\$1,000)	Percent of total	
			Quantity	Value			Quantity	Value
Total industry.....	1,238,361	1,386,179	-	-	1,093,799	1,096,065	-	-
Reporting panel.....	893,781	1,073,731	100.0	100.0	890,209	872,686	100.0	100.0
Shipments to wholesalers (independent distributors)	101,372	115,196	11.3	10.7	98,155	91,342	11.0	10.5
Shipments to retailers.....	792,409	958,535	-	-	792,054	781,344	-	-
Food and other stores, selling primarily for home consumption.....	446,020	553,009	49.9	51.5	393,040	410,421	44.2	47.0
Outlets selling primary for on premise consumption:								
Industrial plants.....	66,072	74,043	7.4	6.9	78,599	70,904	8.8	8.2
Hospitals and institutions.....	17,430	19,895	2.0	1.9	26,242	24,097	2.9	2.8
Hotels, bars, and restaurants.....	82,623	103,569	9.2	9.6	99,343	100,739	11.2	11.5
Filling stations.....	74,463	83,796	8.3	7.8	84,215	74,276	9.5	8.5
Armed forces (post exchanges, etc.).....	18,075	21,278	2.1	2.0	21,705	19,592	2.4	2.2
Amusements (theatres, ball parks, bowling alleys, etc.).....	24,952	29,241	2.8	2.7	25,916	23,872	2.9	2.7
Roadside stands and other outlets selling primarily for on-premise consumption.....	62,769	73,704	7.0	6.9	62,994	57,438	7.1	6.6

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials	Unit of measure	1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
	INDUSTRY 2082—MALT LIQUORS					
	Materials, ingredients, containers, and supplies, total.....		xxx	845,761	xxx	736,388
011115	Corn (purchased as grain).....	1,000 bu.....	12,207	24,058	4,409	6,517
206011	Sugar (cane and beet).....	Cwt.....	401,769	3,084	286,707	2,242
208311	Malt.....	do.....	26,141,662	165,776	25,766,828	166,364
970000	Other materials, ingredients, containers, and supplies (including bottle and case loss).....		xxx	652,668	xxx	560,126
971000	Materials, etc., nsk.....		xxx	175	xxx	1,139
	INDUSTRY 2083—MALT					
	Barley and other materials, ingredients, containers, and supplies, total.....		xxx	120,985	xxx	148,399
011125	Barley.....	1,000 bu.....	78,848	116,117	88,969	145,079
970000	Other materials, ingredients, containers, and supplies.....		xxx	4,868	xxx	3,320
	INDUSTRY 2085—DISTILLED LIQUOR, EXCEPT BRANDY					
	Materials, parts, containers, and supplies, total.....		xxx	391,500	xxx	346,343
	Materials used in distilling:					
011115	Corn.....	1,000 bu.....	28,887	39,266	22,699	38,588
011151	Rye.....	do.....	5,423	8,243	5,089	7,640
208311	Malt.....	Cwt.....	1,952,993	9,816	1,870,039	10,285
970001	All other materials, ingredients, containers, and supplies used in distilling operations (cooperage, etc.).....		xxx	50,317	xxx	38,978
	Materials used in bottling:					
208511	Spirits.....	1,000 tax gals.	71,889	35,157	41,128	19,342
208551	Aged whiskey.....	do.....	76,952	114,390	81,582	113,467
970002	All other materials, ingredients, containers, and supplies used in bottling operations (flavors, bottles, closures, etc.).....		xxx	132,968	xxx	116,833
971000	Materials, etc., nsk.....		xxx	1,343	xxx	1,210
	INDUSTRY 2086—BOTTLED AND CANNED SOFT DRINKS					
	Materials, ingredients, containers, and supplies, total.....		xxx	596,754	xxx	462,798
206011	Sugar (cane and beet).....	Cwt.....	11,136,308	100,485	8,837,861	82,643
209511	Flavoring sirups.....	1,000 gals.....	181,993	212,026	xxx	1380,155
971000	Materials, etc., nsk.....		xxx	759	xxx	
970002	All other materials, containers, and supplies.....		xxx	283,484	xxx	
	INDUSTRY 2095—FLAVORINGS					
	Materials, supplies and containers, total.....		xxx	230,233	xxx	223,345
206011	Sugar (cane and beet).....	Cwt.....	9,773,931	83,431	10,182,363	81,693
970000	Other materials, ingredients, containers and supplies.....		xxx	146,802	xxx	141,652

<sup>r</sup>Revised.<sup>1</sup>Data on flavoring sirups consumed were collected from soft drink bottlers but did not meet publication standards.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2082	MALT LIQUORS (entire industry).....	258	71,494	442,321	47,894	91,500	279,559	1,114,590	869,421	1,982,644	62,395
	Establishments with:										
	90% or more specialization.....	248	70,589	437,433	47,434	90,595	277,369	1,105,143	860,449	1,964,053	62,021
2083	MALT (entire industry).....	46	2,404	16,338	1,802	3,556	10,910	55,087	137,977	195,327	3,131
	Establishments with:										
	90% or more specialization.....	46	2,404	16,338	1,802	3,556	10,910	55,087	137,977	195,327	3,131
2084	WINES AND BRANDY (entire industry)....	239	5,941	29,029	4,319	8,638	17,659	114,242	( <sup>2</sup> )	( <sup>2</sup> )	6,526
	Establishments with:										
	90% or more specialization.....	231	5,635	27,424	4,084	8,145	16,641	108,883	( <sup>2</sup> )	( <sup>2</sup> )	6,092
2085	DISTILLED LIQUORS, EXCEPT BRANDY (entire industry).....	122	20,528	102,619	16,629	32,207	73,870	444,831	482,841	<sup>a</sup> 927,992	9,908
	Establishments with:										
	90% or more specialization.....	114	18,729	93,612	15,309	29,595	68,132	395,557	418,175	<sup>a</sup> 814,482	8,887
20851	Distilled liquors, except brandy (primary product class of estab.)..	30	2,157	10,508	1,704	3,468	7,284	20,691	40,601	61,191	1,787
	Establishments with:										
	90% or more specialization....	17	967	4,635	788	1,653	3,704	7,319	18,355	25,603	574
	75-89% specialization.....	5	339	1,914	255	425	1,004	3,130	7,550	10,655	( <sup>1</sup> )
20853	Bottled liquors (primary product class of estab.).....	83	18,342	91,976	14,901	28,687	66,479	423,988	441,920	866,317	8,002
	Establishments with:										
	90% or more specialization....	43	5,093	25,120	3,916	7,419	16,206	139,196	122,479	261,248	2,181
	75-89% specialization.....	22	10,094	51,682	8,454	16,306	39,787	255,864	260,821	515,851	3,859
2086	BOTTLED AND CANNED SOFT DRINKS (entire industry).....	4,362	96,347	401,713	39,164	79,328	130,339	844,688	670,339	1,512,612	63,440
	Establishments with:										
	90% or more specialization.....	4,236	92,529	384,524	37,526	75,899	124,143	801,304	636,811	1,435,013	60,532
	75-89% specialization.....	69	2,330	10,707	931	1,978	3,452	24,774	17,563	42,223	1,985
2087	FLAVORINGS (entire industry).....	531	9,483	49,346	5,306	10,477	22,283	262,223	247,786	512,607	5,515
	Establishments with:										
	90% or more specialization.....	443	5,216	27,634	2,860	5,482	12,013	175,658	151,546	326,375	3,984
	75-89% specialization.....	32	1,669	9,133	901	1,798	4,079	48,935	42,213	92,931	689
20871	Flavoring extracts, emulsions, and other liquid flavors (primary product class of estab.).....	207	2,106	11,361	1,202	2,278	4,974	25,768	29,368	55,055	616
	Establishments with:										
	90% or more specialization....	141	878	4,407	516	921	2,064	9,234	10,150	19,258	( <sup>1</sup> )
	75-80% specialization.....	24	337	2,171	142	294	599	5,436	6,147	11,529	( <sup>1</sup> )
20872	Beverage bases (except sirups and concentrated fruit juices) (primary product class of estab.).....	48	1,822	9,463	913	1,868	3,686	33,777	39,787	75,216	929
	Establishments with:										
	90% or more specialization....	30	259	1,585	125	246	522	4,018	3,126	7,142	( <sup>1</sup> )
	75-89% specialization.....	4	22	119	10	19	50	399	232	633	...
20874	Other flavoring agents, except chocolate sirup (primary product class of estab.).....	139	3,041	15,895	1,869	3,708	7,799	43,152	58,725	103,091	1,437
	Establishments with:										
	90% or more specialization....	76	1,074	6,091	666	1,305	2,905	18,335	24,629	42,301	941
	75-89% specialization.....	18	708	3,506	426	825	1,799	10,425	12,536	24,904	212

<sup>1</sup>Less than \$500 thousand.

<sup>2</sup>Not shown because of significant duplication within the industry.

<sup>a</sup>Figures relate to value of production rather than value of shipments.





# Fats and Oils

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2091—Cottonseed Oil Mills
- 2092—Soybean Oil Mills
- 2093—Vegetable Oil Mills, Except Cottonseed and Soybean
- 2094—Grease and Tallow
- 2095—Animal and Marine Fats and Oils, Except Grease and Tallow
- 2096—Shortening, Table Oils, Margarine and Other Edible Fats and Oils, N.E.C.

This group of industries comprises establishments primarily engaged in extracting and refining vegetable or animal fats and oils and in producing margarine, shortening, cooking and salad oils. Mills engaged in extracting oils frequently engage in further processing such as refining (alkali or caustic treatment of oils), hydrogenating, blowing, blending, and fractionating of inedible oils. However, most refined oils (alkali or caustic treated) are produced by establishments primarily engaged in producing products which contain a large proportion of fats and oils, such as shortening, margarine, paint, soap, etc. Plants which produce refined oil for use in the same plant in shortening or margarine are classified in Industry 2096; for use in medicinal chemicals in Industry 2833, Medicinals and Botanicals; in soap in Industry 2841, Soap and Other Detergents; in manufacturing sulfonated oils in Industry 2843, Surface Active Agents Assistants; in paints in Industry Group 285, Paints, Varnishes, Lacquers, Enamels, and Allied Products; in distilling or refining essential oils in Industry 2899, Chemical Preparations, N.E.C. Establishments primarily engaged in rendering lard or edible tallow are classified in Industry 2011, Meat Packing Plants.

The vegetable oil mill extraction process yields crude oil and byproduct cake and meal. The value of shipments of the byproducts represents a significant portion of the total shipments of products primary to each of the industries in this group, ranging from 54 percent for the products primary to Industry 2092, Soybean Oil Mills, to 20 percent for Industry 2093, Vegetable Oil Mills, N.E.C., in 1958. Because the vegetable oil crushing equipment may be used for many varieties of seeds or beans, it is also characteristic for many of these plants not to specialize exclusively in the crushing of a specific oil. Thus, some cottonseed oil mills also crush peanuts or soybeans, and soybean oil mills may also crush flaxseed. Table 5B partially describes the extent of this diversification.

Monthly data relating to receipts of raw materials and quantities crushed are published by the Census Bureau in Current Industrial Reports Series M20J, Vegetable Oil Crushers. Monthly information regarding production of refined oils and the consumption of fats and oils by class of product appears in Current Industrial Reports Series M20K, Production, Consumption in Selected Products: Factory and Warehouse Stocks. For most of the products shown in table 6A, the production figures are in rather close agreement with those compiled and published each

month in the Current Industrial Reports. (For a detailed comparison, see Series M28-1-08, Animal and Vegetable Fats and Oils, 1958 Annual Summary.) Differences are attributable mainly to fiscal year reporting by a number of large companies in the 1958 Census of Manufactures, variations in reporting, and differences in coverage. For example, the figures reported in the Census of Manufactures relating to the production of refined coconut oil and processed linseed oil were considerably less than those reported in the monthly survey. The 1958 Census did not request information on the production of these oils from soap and paint manufacturers who produce considerable quantities for use in the same plant. Information on the shipments of these oils was secured, however. Likewise, information reported on the production of tung oil and peanut oil was less than reported in the monthly survey since considerable quantities of these oils are produced at locations which are not included in the Census of Manufactures: farms, agricultural service establishments (peanut shellers), etc.

## 2091—Cottonseed Oil Mills

This industry comprises establishments primarily engaged in manufacturing cottonseed oil, and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in Industry 2096. For a detailed list of primary products of Industry 2091, refer to table 6A, product codes 2091111 to 2091498.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification system were changed to code number 2091 from code number 2881 in the previous classification system, but not changed as to content.

The specialization and coverage ratios for Industry 2091 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Refined cottonseed oil production (including captive production by establishments which consume the refined oil in manufacturing edible oils and margarine) in 1958 totaled 1,186 million pounds. Of this total, 34 percent was for commercial sale, 1 percent for interplant transfer; most of the remainder was consumed in the same plant.

## 2092—Soybean Oil Mills

This industry comprises establishments primarily engaged in manufacturing soybean oil, and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in Industry 2096. For a detailed list of primary products of Industry 2092, refer to table 6A, product codes 2092111 to 2092251.

The statistics for this industry as classified in the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2092 from code number 2883 in the previous classification system, but not changed in content.



The value of shipments of Industry 2092, Soybean Oil Mills, in 1958 totaled \$1,081 million. This included shipments of primary products (soybean oil, meal, and lecithin) valued at \$866 million, shipments of secondary products valued at \$128 million, and miscellaneous receipts (chiefly resales) of about \$86 million.

Industry 2092 shipments of soybean oil mill products (primary products) in 1958 represented 87 percent of its total product shipments (primary and secondary). In 1954, this primary product specialization ratio was 88 percent. Secondary products shipped by Industry 2092 in 1958 consisted mainly of prepared animal feeds, \$76 million.

Industry 2092 shipments of soybean oil mill products in 1958 represented 94 percent of the soybean oil mill products, valued at \$920 million, shipped by all industries. This coverage ratio in 1954 was 96 percent. Other industries shipping soybean oil mill products in 1958 consisted mainly of Industry 2091, Cottonseed Oil Mills, \$23 million; Industry 2093, Vegetable Oil Mills, N.E.C., \$14 million, and Industry 2096, Shortening and Cooking Oils, \$13 million.

Aggregate output of refined soybean oil (including captive production by establishments which consume the refined oil in manufacturing edible oils and margarine) in 1958 was 3,132 million pounds. Of this total, 12 percent was for commercial sale, and most of the remainder was consumed in the producing plant.

#### 2093--Vegetable Oil Mills, Except Cottonseed and Soybean

This industry comprises establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except cottonseed and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in Industry 2096, and those refining these oils for medicinal purposes in Industry 2833. For a detailed list of primary products of Industry 2093, refer to table 6A, product codes 2093111 to 2093398.

The statistics for this industry as classified in the 1957 edition of the Standard Industrial Classification Manual combine the statistics for two industries in the previous classification system: 2882, Linseed Oil Mills, and 2884, Vegetable Oil Mills, N.E.C.

The value of shipments of Industry 2093, Vegetable Oil Mills, N.E.C., in 1958 totaled \$315 million. This included shipments of primary products (vegetable oils and meals, n.e.c.) valued at \$177 million, shipments of secondary products valued at \$45 million, and miscellaneous receipts (chiefly resales) of \$92 million.

Industry 2093 shipments of primary products in 1958 represented 80 percent of its total product shipments (primary and secondary). In 1954, this primary product specialization ratio was 75 percent.

Industry 2093 shipments of primary products (vegetable oils and cake and meal, n.e.c.) in 1958 represented 93 percent of these products valued at \$189 million, shipped by all industries. This coverage ratio in 1954 was 85 percent.

#### 2094--Grease and Tallow

This industry comprises establishments primarily engaged in rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard are classified in Group 201, Meat Products. For a detailed list of primary prod-

ucts of Industry 2094, refer to table 6A, product codes 2094112 to 2094243.

The statistics for this industry as classified in the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2094 from code number 2886 under the previous classification system, but not changed in content.

The value of shipments of Industry 2094, Grease and Tallow, in 1958 totaled \$330 million. This included shipments of primary products (grease, tallow, and byproducts) valued at \$269 million, shipments of secondary products valued at \$20 million, and miscellaneous receipts (chiefly resales) of about \$41 million.

Industry 2094 shipments of grease, tallow and byproducts (primary products) in 1958 represented 93 percent of its total product shipments (primary and secondary). In 1954, this primary products specialization ratio was 88 percent.

Industry 2094 shipments of primary products (grease, tallow and byproducts) in 1958 represented 62 percent of these products, valued at \$431 million, shipped by all industries. This coverage ratio for 1954 was 55 percent. The principal other industry shipping grease, tallow, and byproducts in 1958 was Industry 2011, Meat Packing Plants, \$145 million.

Monthly data on grease and tallow rendered are published by the Census Bureau in Current Industrial Reports Series M20K, Production, Consumption in Selected Products: Factory and Warehouse Stocks.

#### 2095--Animal and Marine Fats and Oils, Except Grease and Tallow

This industry comprises establishments primarily engaged in manufacturing animal oil, n.e.c., including fish oil and other marine animal oils, and byproduct meal. Establishments primarily engaged in refining marine animal oils for medicinal purposes are classified in Industry 2833. Establishments primarily engaged in manufacturing fatty acids are classified in Industry 2894. For a detailed list of products of Industry 2095, refer to table 6A, product codes 2095011 to 2095071.

The statistics for this industry as classified in the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2095 from code number 2889 under the previous classification system, but not changed as to content.

Value of shipments and other receipts of Industry 2095, Animal Oils, N.E.C., in 1958 totaled \$60 million. This included shipments of animal and marine oil mill products (primary products), valued at \$55 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts, \$2 million.

This industry's shipments of animal and marine oil mill products (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 89 percent.

Industry 2095 shipments of animal and marine oil mill products (primary products) in 1958 represented 57 percent (coverage ratio) of these products valued at \$104 million shipped by all industries. In 1954, the coverage ratio was 66 percent. Other industries shipping animal and marine oil mill products (primary products) consisted mainly of Industry 2011, Meat Packing Plants, \$5 million; 2031, Canned and Cured Seafood, \$5 million; and miscellaneous chemical industries, \$16 million.



2096--Shortening, Table Oils, Margarine and Other Edible Fats and Oils, N.E.C.

This industry comprises establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in Industry 2046. For a detailed list of primary products, refer to table 6A, product codes 2096112 to 2096219.

The statistics for this industry as classified in the 1957 edition of the Standard Industrial Classification Manual combined two separate industries under the previous system: Industry 2092, Shortening and Cooking Oils and Industry 2093, Margarine. No change in content was made.

Value of shipments and other receipts of the shortening and cooking oils industry in 1958 totaled \$1,239 million. This included shipments of margarine and shortening and cooking oil products (primary products), valued at \$1,080 million, shipments of other products (secondary products) valued at \$83 million, and miscellaneous receipts (mainly resales) of \$75 million.

The specialization and coverage ratios for Industry 2096 were over 90 percent in 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). In 1954, the specialization ratio was 86 percent and the coverage ratio 83 percent. Definitions of the specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>	
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)							
2091 (old SIC 2881)	Cottonseed oil mills:															
		1958.....	125	214	163	8,355	31,223	6,310	14,899	20,006	63,587	348,580	420,649	6,605	92	92
		1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,480	36,265	7,866	17,347	24,099	96,589	396,485	489,355	(S)	(NA)	(NA)
		1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,196	38,876	8,363	18,760	25,407	109,298	380,292	472,436	(S)	(NA)	(NA)
		1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,853	37,160	8,955	21,587	24,387	69,529	374,968	456,428	(S)	(NA)	(NA)
		1954.....	145	286	144	13,665	43,103	11,082	27,080	29,831	111,734	487,726	592,298	11,680	96	93
		1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,430	43,599	11,736	29,981	30,847	121,333	534,310	655,643	(NA)	(NA)	(NA)
		1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,488	41,706	11,741	31,581	30,011	95,079	485,427	580,506	(NA)	(NA)	(NA)
		1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,150	38,694	11,556	30,010	27,500	115,515	460,301	575,816	(NA)	(NA)	(NA)
		1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,231	39,073	12,795	33,608	28,652	110,373	361,018	471,391	(NA)	(NA)	(NA)
		1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,533	36,991	12,959	35,218	27,753	84,896	378,062	462,958	(NA)	(NA)	(NA)
		1947.....	172	315	(NA)	14,398	31,419	12,136	30,996	22,560	104,603	413,488	518,091	(NA)	90	90
		1939.....	(NA)	447	(NA)	18,519	14,881	15,191	(NA)	8,939	32,712	138,764	171,476	(NA)	(NA)	(NA)
		1937.....	(NA)	447	(NA)	19,369	14,182	16,583	(NA)	8,552	46,296	195,747	242,043	(NA)	(NA)	(NA)
		1935.....	(NA)	458	(NA)	15,695	10,631	13,226	(NA)	5,912	27,335	160,552	187,887	(NA)	(NA)	(NA)
		1933.....	(NA)	475	(NA)	16,473	9,001	14,242	(NA)	5,376	25,983	78,229	104,212	(NA)	(NA)	(NA)
		1931.....	(NA)	504	(NA)	(NA)	(NA)	12,268	(NA)	8,335	34,182	147,165	181,347	(NA)	(NA)	(NA)
		1929.....	(NA)	553	(NA)	19,005	17,936	15,825	(NA)	11,203	49,356	249,020	298,376	(NA)	(NA)	(NA)
		1927.....	(NA)	547	(NA)	21,606	20,972	18,434	(NA)	14,259	56,300	220,038	276,338	(NA)	(NA)	(NA)
		1925.....	(NA)	535	(NA)	19,156	17,630	16,215	(NA)	11,412	51,370	244,315	295,685	(NA)	(NA)	(NA)
		1923.....	(NA)	511	(NA)	15,924	14,037	12,745	(NA)	7,908	28,873	197,515	226,388	(NA)	(NA)	(NA)
		1921.....	(NA)	610	(NA)	19,656	19,686	16,163	(NA)	12,340	22,361	194,864	217,225	(NA)	(NA)	(NA)
		1919.....	(NA)	711	(NA)	32,048	30,551	26,766	(NA)	20,615	86,053	495,192	581,245	(NA)	(NA)	(NA)
		1914.....	(NA)	882	(NA)	26,867	14,409	21,810	(NA)	8,490	31,151	180,976	212,127	(NA)	(NA)	(NA)
		1909.....	(NA)	817	(NA)	21,163	10,130	17,071	(NA)	5,835	28,035	119,833	147,868	(NA)	(NA)	(NA)
		1904.....	(NA)	715	(NA)	18,769	7,900	15,540	(NA)	4,838	16,378	80,030	96,408	(NA)	(NA)	(NA)
		1899.....	(NA)	369	(NA)	12,576	4,723	11,007	(NA)	3,143	13,561	45,166	58,727	(NA)	(NA)	(NA)
2092 (old SIC 2883)	Soybean oil mills:															
		1958.....	82	117	83	8,095	41,909	5,742	12,828	27,067	139,612	947,045	1,080,798	14,668	87	94
		1954.....	55	88	69	6,922	29,453	5,447	11,624	20,679	107,218	767,713	877,408	8,479	88	96
		1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	5,804	24,380	4,455	9,864	17,356	70,912	554,752	625,664	(NA)	(NA)	(NA)
		1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,655	28,289	5,951	13,591	20,745	113,012	693,792	806,804	(NA)	(NA)	(NA)
		1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,829	22,795	5,334	12,263	17,036	114,445	482,570	597,015	(NA)	(NA)	(NA)
		1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,264	20,141	4,708	10,766	14,184	90,725	435,843	526,568	(NA)	(NA)	(NA)
		1947.....	105	133	(NA)	6,460	18,773	5,076	11,459	13,489	105,291	480,418	585,709	(NA)	(NA)	(NA)
		1939 <sup>9</sup> .....	(NA)	47	(NA)	2,010	2,851	1,481	(NA)	1,889	9,512	34,435	43,947	(NA)	(NA)	(NA)
1937 <sup>10</sup> .....	(NA)	26	(NA)	(NA)	(NA)	871	(NA)	1,192	4,362	19,950	24,312	(NA)	(NA)	(NA)		
2093 (old SIC 2882, 2884)	Vegetable oil mills, nec. <sup>11</sup>															
		1958.....	38	46	20	2,252	12,525	1,794	3,861	9,544	42,066	270,651	314,695	2,032	80	93
		1954.....	(NA)	63	36	3,723	14,823	2,919	6,520	11,197	36,654	299,454	338,100	3,781	75	85
		1947.....	(NA)	101	(NA)	6,613	17,892	5,641	13,020	13,501	119,752	406,652	526,404	(NA)	(NA)	(NA)
1939 <sup>12</sup> .....	(NA)	63	(NA)	(NA)	(NA)	2,980	(NA)	4,092	15,237	71,997	87,234	(NA)	(NA)	(NA)		
2094 (old SIC 2886)	Grease and tallow:															
		1958.....	461	539	173	12,384	60,095	9,009	19,851	40,327	127,120	203,191	328,920	9,375	93	62
		1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,296	55,862	9,269	20,969	37,948	121,198	144,618	266,144	6,753	90	59
		1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,193	52,760	8,991	20,360	35,620	112,070	142,886	254,917	9,232	(NA)	(NA)
		1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,642	48,462	8,644	19,590	32,605	98,814	136,841	233,550	9,227	(NA)	(NA)
		1954.....	427	500	144	11,466	46,633	8,480	19,567	31,291	96,625	141,226	236,792	8,138	88	55
		1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,597	45,894	9,033	22,017	33,979	88,564	124,400	212,964	(NA)	(NA)	(NA)
		1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,636	41,413	8,459	19,697	30,091	76,071	107,337	181,377	(NA)	(NA)	(NA)
		1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,452	41,453	9,069	21,001	30,038	106,038	170,644	274,651	(NA)	(NA)	(NA)
		1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,331	40,592	9,673	22,914	29,220	90,176	143,242	231,378	(NA)	(NA)	(NA)
		1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,656	37,506	8,847	20,497	26,373	75,761	120,089	193,864	(NA)	(NA)	(NA)
		1947.....	473	554	(NA)	12,364	38,588	9,967	23,606	28,419	118,356	186,751	303,291	(NA)	90	52
		1939.....	(NA)	310	(NA)	6,536	9,596	5,201	(NA)	6,509	20,111	38,115	58,226	(NA)	(NA)	(NA)
		1937.....	(NA)	266	(NA)	6,078	9,022	5,200	(NA)	6,763	19,289	32,980	52,269	(NA)	(NA)	(NA)
		1935.....	(NA)	259	(NA)	5,713	7,701	4,761	(NA)	5,390	17,622	22,214	39,836	(NA)	(NA)	(NA)
		1933.....	(NA)	201	(NA)	4,682	5,255	3,988	(NA)	4,099	12,097	14,141	26,238	(NA)	(NA)	(NA)
		1931.....	(NA)	238	(NA)	(NA)	(NA)	4,067	(NA)	5,225	11,708	17,533	29,241	(NA)	(NA)	(NA)
		1929.....	(NA)	297	(NA)	6,434	10,477	5,475	(NA)	7,862	21,466	40,142	61,608	(NA)	(NA)	(NA)
		1927.....	(NA)	247	(NA)	6,102	10,213	5,052	(NA)	7,403	18,008	38,272	56,280	(NA)	(NA)	(NA)
		1925.....	(NA)	263	(NA)	6,278	9,808	5,303	(NA)	7,508	17,729	33,713	51,442	(NA)	(NA)	(NA)
1923.....	(NA)	254	(NA)	6,244	9,198	5,248	(NA)	7,004	17,359	31,275	48,634	(NA)	(NA)	(NA)		

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2094	Grease and tallow—Continued:														
	1921.....	(NA)	265	(NA)	5,284	7,032	4,428	(NA)	5,429	9,419	17,787	27,206	(NA)	(NA)	(NA)
	1919.....	(NA)	482	(NA)	7,822	9,959	6,647	(NA)	7,954	19,509	47,756	67,265	(NA)	(NA)	(NA)
	1914.....	(NA)	369	(NA)	5,890	4,541	5,106	(NA)	3,512	7,840	17,061	24,901	(NA)	(NA)	(NA)
	1909.....	(NA)	353	(NA)	5,140	3,620	4,357	(NA)	2,629	7,876	15,543	23,419	(NA)	(NA)	(NA)
	1904.....	(NA)	300	(NA)	4,109	2,697	3,628	(NA)	2,114	6,446	12,369	18,815	(NA)	(NA)	(NA)
	1899.....	(NA)	287	(NA)	2,296	1,333	2,040	(NA)	1,067	3,201	8,752	11,953	(NA)	(NA)	(NA)
2095 (old SIC 2889)	Animal oils, nec:														
	1958.....	71	78	37	2,191	7,774	1,899	3,777	6,046	24,475	35,261	60,378	3,370	95	53
	1954.....	58	61	37	2,294	8,430	1,889	4,384	6,282	21,813	45,269	67,379	4,544	89	66
	1947.....	(NA)	73	(NA)	2,153	5,821	1,931	(NA)	4,727	16,849	26,091	42,940	(NA)	(16)	(16)
	1939.....	(NA)	86	(NA)	(NA)	(NA)	1,667	(NA)	1,493	6,400	14,508	20,908	(NA)	(NA)	(NA)
2096 (old SIC 2092, 2093)	Shortening and cooking oils:														
	1958.....	62	105	80	12,489	70,993	8,569	18,414	44,196	221,519	1,016,474	1,239,129	12,389	93	90
	1954.....	(NA)	135	81	12,024	52,877	8,590	17,697	33,885	227,804	933,397	1,154,236	12,449	86	83
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,148	48,603	7,915	16,660	30,604	171,987	755,613	927,600	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,246	50,417	8,948	19,320	34,179	193,338	735,404	924,110	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,493	45,088	8,576	18,057	30,216	179,342	872,167	1,046,869	(NA)	(NA)	(NA)
	1947.....	(NA)	127	(NA)	10,570	32,887	7,737	16,279	21,577	205,896	907,154	1,099,311	(NA)	(NA)	(NA)
	1939 <sup>14</sup> .....	(NA)	100	(NA)	(NA)	(NA)	5,897	(NA)	6,933	45,498	180,477	225,975	(NA)	(NA)	(NA)
	1937.....	(NA)	64	(NA)	7,703	10,566	6,115	(NA)	7,258	48,688	235,370	284,061	(NA)	(NA)	(NA)
	1935.....	(NA)	62	(NA)	7,410	8,794	6,041	(NA)	6,012	43,822	201,269	245,091	(NA)	(NA)	(NA)
	1933.....	(NA)	65	(NA)	5,570	5,915	4,499	(NA)	4,072	22,135	76,461	98,596	(NA)	(NA)	(NA)
	1931.....	(NA)	82	(NA)	(NA)	(NA)	4,735	(NA)	5,363	23,010	115,110	138,120	(NA)	(NA)	(NA)
	1929.....	(NA)	81	(NA)	5,887	8,755	4,520	(NA)	5,645	31,154	169,921	201,075	(NA)	(NA)	(NA)
	1927 <sup>15</sup> .....	(NA)	69	(NA)	5,254	7,453	4,157	(NA)	4,882	23,526	164,224	187,750	(NA)	(NA)	(NA)
	1925.....	(NA)	64	(NA)	4,420	5,874	3,601	(NA)	4,117	22,814	127,044	149,860	(NA)	(NA)	(NA)
	1923.....	(NA)	58	(NA)	4,198	5,562	3,168	(NA)	3,327	16,572	78,168	94,740	(NA)	(NA)	(NA)
	1921.....	(NA)	69	(NA)	4,165	6,319	3,127	(NA)	3,784	13,527	59,138	72,665	(NA)	(NA)	(NA)
	1919.....	(NA)	69	(NA)	7,939	8,827	5,241	(NA)	5,607	24,167	176,898	201,065	(NA)	(NA)	(NA)
	1914 <sup>16</sup> .....	(NA)	37	(NA)	3,841	2,713	2,709	(NA)	1,349	14,047	48,695	62,742	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup>Revised.<sup>2</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>3</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>4</sup> The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1953, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November. For 1954, the figure for all employees is the average number for the payroll period ended nearest the 15th of each month; except that the figures for Industry 2095, Grease and Tallow are based on the average employment for March, May, August and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** for 1949-1953 and 1955-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; for 1954, they are calculated by subtracting from the "All employees total" based on the average of the 12 monthly figures, the average number of nonproduction workers for March, May, August and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>5</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2091	101,164	2094	95,451
2092	106,938	2095	22,079
2093	37,919	2096	218,455

<sup>6</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2091	314,001	402,804	2094	181,510	112,918
2092	861,374	671,131	2095	34,514	41,319
2093	189,304	235,906	2096	954,252	885,049

Footnotes continued on next page



## MANUFACTURES-INDUSTRY STATISTICS

Footnotes for table 1-20H

<sup>1</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954.

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2091	383,368	500,562	2094	305,182	208,240
2092	994,865	775,316	2095	59,592	63,369
2093	222,623	273,102	2096	1,166,625	1,101,126

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>Figures for 1939 exclude data for two establishments primarily engaged in making soy flour to avoid disclosing their operations. These establishments are included in "Flour and Meal" for 1939.

<sup>10</sup>Soybean oil mills were formerly included with the discontinued industry "Oils, NEC." Separate figures are not available for years prior to 1937.

<sup>11</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2882, Linseed Oil Mills and 2884, Vegetable Oil Mills, NEC. The data for 1957 and earlier years for these two industries have been combined.

<sup>12</sup>Figures for years prior to 1939 are not available for this new industry since there was a change in the definition of the old SIC Component 2884. Figures for Linseed Oil Mills alone (old SIC 2882) back to 1899 are available in the 1954 Census of Manufactures Publications.

<sup>13</sup>The 1957 Standard Industrial Classification combined into this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2092, Shortening and Cooking Oils and 2093, Margarine. The data for years prior to 1958 have been combined.

<sup>14</sup>Figures for the Shortening and Cooking Oils Industry (old SIC 2092) are not completely comparable with those for earlier years. Value added for 1939, the new industry, comparable with earlier years would be \$44.2 million.

<sup>15</sup>Figures for 1914-1925 exclude data for establishments primarily engaged in the manufacture of vegetable oils, whereas 1927-1954 figures include such data.

<sup>16</sup>Information for prior years is not available since "Shortening and Cooking Oils" was then included with "Food Preparations, NEC."

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2091	Cottonseed oil mills, total.....	214	163	8,355	31,223	6,310	14,899	20,006	63,587	420,649	6,605	13,665	101,164	14,398
	Northeast and North Central....	7	3	106	427	70	174	228	799	7,745	(3)	(2)	(2)	(2)
	South Atlantic....	42	33	1,522	4,724	1,154	2,549	2,865	7,720	53,617	885	2,749	11,033	2,904
	North Carolina..	12	9	435	1,430	318	724	847	1,520	14,187	684	(2)	(2)	(2)
	South Carolina..	15	11	460	1,478	356	801	914	3,035	18,227	(3)	(2)	(2)	(2)
	Georgia.....	15	13	627	1,816	480	1,024	1,104	3,165	21,203	(3)	1,295	4,944	1,123
	East South Central	46	35	1,600	5,879	1,140	2,763	3,480	7,710	61,351	(3)	3,717	26,640	4,012
	Tennessee.....	11	10	533	2,295	369	912	1,301	2,669	23,112	(3)	1,015	9,163	1,135
	Alabama.....	13	10	384	1,314	279	667	813	1,368	11,720	(3)	883	3,932	961
	Mississippi.....	22	15	683	2,270	492	1,184	1,366	3,673	26,519	(3)	1,818	13,545	1,916
	West South Central	97	74	3,698	12,816	2,910	7,064	8,858	27,082	205,386	2,122	5,301	39,273	6,448
	Arkansas.....	12	10	480	1,808	369	923	1,158	2,650	25,444	(3)	1,008	7,951	1,568
	Texas.....	66	51	2,701	9,273	2,134	5,161	6,543	21,031	160,282	1,673	3,385	25,252	3,717
	All other divisions	29	21	1,535	7,704	1,106	2,523	4,803	21,075	100,295	3,179	1,897	24,218	1,034
	West.....	22	18	1,429	7,377	1,036	2,349	4,575	20,276	92,550	3,165	...	...	...
	California.....	13	10	902	4,852	666	1,454	3,091	15,220	62,017	2,927	950	12,353	529
2092	Soybean oil mills, total.....	117	83	8,095	41,909	5,742	12,828	27,067	139,612	1,080,798	14,668	6,922	106,938	6,460
	East North Central	34	28	4,153	23,589	2,972	6,530	15,691	73,122	594,318	6,710	4,286	65,470	3,769
	Ohio.....	8	8	774	4,070	565	1,222	2,820	11,988	101,645	1,051	808	13,283	769
	Illinois.....	20	16	2,687	15,701	1,903	4,214	10,163	49,533	386,071	2,538	2,826	41,402	2,555
	West North Central	33	27	1,903	10,541	1,216	2,892	6,280	37,010	273,661	5,457	1,898	22,336	1,365
	Minnesota.....	5	4	368	2,084	273	624	1,425	5,866	66,268	822	302	4,361	35
	Iowa.....	19	16	970	5,445	665	1,613	3,641	21,963	152,246	4,055	1,122	11,534	1,074
	Missouri.....	5	4	432	2,302	174	396	771	6,753	37,473	468	344	4,902	72
	South Atlantic....	6	4	245	842	179	383	493	2,277	15,675	(3)	(2)	(2)	(2)
	East South Central	20	17	1,306	5,125	999	2,198	3,358	22,907	165,784	2,004	(2)	(2)	(2)
	Tennessee.....	7	6	645	2,682	492	1,112	1,872	14,061	109,590	1,238	(2)	(2)	(2)
	Mississippi.....	9	8	456	1,524	355	757	908	3,969	30,793	(3)	(2)	(2)	(2)
	West South Central	7	6	394	1,436	306	691	1,016	2,690	25,753	(3)	...	...	...

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2093	Vegetable oil mills, nec, total.....	46	20	2,252	12,525	1,794	3,861	9,544	42,066	314,695	2,032	3,723	37,919	6,613
	Northeast and North Central....	14	10	1,388	7,971	1,130	2,499	6,314	30,648	197,702	1,244	2,315	26,537	(2)
	Minnesota.....	5	5	814	4,615	697	1,494	3,909	15,775	91,779	701	835	11,652	(2)
	South Atlantic....	7	...	63	325	50	100	245	238	2,110	(3)	670	4,735	(2)
	East South Central	4	1	71	157	64	95	121	316	631	(3)	44	169	(2)
	West South Central	6	2	83	200	71	123	148	412	1,578	(3)	207	1,393	(2)
	West.....	15	7	647	3,872	479	1,044	2,716	10,452	112,674	752	484	5,063	(2)
2094	Grease and tallow, total.....	539	173	12,384	60,095	9,009	19,851	40,327	127,120	328,920	9,375	11,466	95,451	12,364
	New England.....	27	15	868	3,507	637	1,346	2,677	8,083	19,543	531	677	7,027	(2)
	Massachusetts...	9	7	375	1,585	230	512	1,028	3,564	9,590	(3)	360	3,474	499
	Middle Atlantic...	86	28	2,778	14,759	2,039	4,407	10,073	25,949	79,201	1,907	2,823	21,148	3,063
	New York.....	26	11	1,336	7,337	1,000	2,234	5,181	13,043	40,451	841	1,297	10,629	1,439
	New Jersey.....	19	7	728	3,897	595	1,232	2,995	6,670	21,155	(3)	673	3,642	700
	Pennsylvania....	41	10	714	3,525	444	941	1,897	6,236	17,595	703	852	8,877	924
	East North Central	104	33	2,978	15,666	1,995	4,528	9,689	36,004	87,698	1,998	...	...	...
	Ohio.....	22	8	716	3,946	418	950	2,228	8,545	21,513	885	710	6,123	1,211
	Indiana.....	25	5	369	1,728	246	558	1,030	3,096	7,028	(3)	(2)	(2)	(2)
	Illinois.....	24	8	1,052	5,644	711	1,564	3,432	14,828	35,581	(3)	840	8,804	1,599
	Michigan.....	14	6	596	3,177	425	939	2,141	6,698	14,221	(3)	(2)	(2)	(2)
	Wisconsin.....	19	6	245	1,171	195	517	858	2,837	9,355	(3)	292	2,260	284
	West North Central	111	20	1,406	6,332	997	2,374	4,076	15,036	36,521	1,090	...	...	...
	Minnesota.....	23	4	293	1,355	237	550	954	3,061	5,867	(3)	301	2,426	343
	Iowa.....	39	6	471	2,070	303	728	1,243	4,120	11,837	(3)	622	4,771	474
	Missouri.....	13	3	189	835	141	328	550	1,572	3,329	(3)	(2)	(2)	(2)
	Nebraska.....	19	4	225	1,092	154	369	666	3,828	11,535	(3)	(2)	(2)	(2)
	Kansas.....	10	2	136	574	88	211	345	1,457	2,585	(3)	141	929	264
	South Atlantic....	53	26	1,354	5,566	972	2,180	3,341	12,837	31,401	1,536	1,150	9,088	751
	Maryland.....	10	6	232	1,059	180	416	689	1,966	5,897	(3)	(2)	(2)	(2)
	Virginia.....	7	5	241	987	160	353	571	1,587	4,171	(3)	(2)	(2)	(2)
	North Carolina..	10	5	288	1,003	171	360	509	3,521	6,056	(3)	277	2,451	83
	Florida.....	10	3	212	1,071	146	363	569	2,412	5,872	(3)	182	1,666	109
	East South Central	27	10	464	1,816	384	709	1,317	4,037	8,532	(3)	296	1,761	130
	West South Central	53	19	978	3,588	817	1,893	2,794	7,860	20,694	660	632	4,262	578
	Texas.....	34	10	565	2,077	477	1,137	1,661	4,806	13,385	(3)	(2)	(2)	(2)
	Pacific.....	53	18	1,276	7,494	946	1,950	5,395	15,053	39,387	912	1,238	12,143	1,090
	California.....	38	16	1,146	6,830	851	1,766	4,947	13,742	36,607	794	1,044	10,438	857
2095	Animal oils, nec, total.....	78	37	2,191	7,774	1,899	3,777	6,046	24,475	60,378	3,370	2,294	22,079	2,153
	Northeast and North Central....	30	13	665	3,204	542	1,218	2,306	9,193	27,027	2,404	(2)	(2)	(2)
	Massachusetts...	7	3	131	586	118	242	524	930	3,748	(3)	(2)	(2)	(2)
	New York.....	6	2	133	692	97	258	444	1,870	4,891	(3)	(2)	(2)	(2)
	South.....	35	21	1,364	3,852	1,227	2,305	3,076	13,539	29,627	855	(2)	(2)	(2)
	North Carolina..	12	7	481	1,154	441	689	886	4,102	5,764	(3)	286	950	187
	Louisiana.....	4	3	165	705	131	315	528	2,594	6,470	(3)	230	2,561	(2)
	Pacific.....	13	3	162	718	130	254	664	1,743	3,724	(3)	(2)	(2)	(2)
2096	Shortening and cooking oils, total	105	80	12,489	70,993	8,569	18,414	44,196	221,519	1,239,129	12,389	12,024	218,455	10,570
	Northeast.....	18	11	2,332	13,429	1,720	3,567	8,952	46,020	248,790	2,045	...	...	...
	New Jersey.....	7	7	1,726	9,291	1,320	2,732	6,514	30,926	191,088	1,233	...	...	...
	East North Central	24	20	4,039	24,770	2,808	6,159	16,017	89,689	418,969	6,038	5,654	93,549	(D)
	Illinois.....	15	14	2,130	12,542	1,477	3,148	8,265	39,372	237,078	3,426	...	...	...
	West North Central	5	5	353	2,136	234	511	1,232	4,890	28,709	(3)	...	...	...
	South Atlantic....	16	12	1,077	4,939	696	1,434	2,736	14,747	84,833	894	...	...	...
	Georgia.....	8	7	693	3,164	495	1,036	2,030	7,927	57,399	(3)	...	...	...
	East South Central	9	8	1,564	8,714	1,016	2,293	4,837	18,037	176,130	1,149	54,878	102,855	(D)
	West South Central	16	16	1,912	9,704	1,314	2,830	5,795	31,180	184,415	560	...	...	...
	Texas.....	12	12	1,456	7,815	975	2,101	4,415	24,755	129,985	(3)	...	...	...
	Pacific.....	17	8	1,212	7,301	781	1,620	4,627	16,956	97,283	1,276	1,392	22,051	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2091, Cottonseed Oil Mills: Middle Atlantic—New York, 1 (1-19); New Jersey, 1 (1-19); Pennsylvania, 1 (1-19); North Central—Illinois, 1 (20-99); Missouri, 3 (20-99); West South Central—Louisiana, 13 (250-499); Oklahoma, 6 (100-249); Mountain—New Mexico, 3 (100-249); Arizona, 6 (250-499).

Footnotes for table 2-20H

SIC 2092, Soybean Oil Mills: Northeast—Massachusetts, 1 (1-19); New York, 2 (1-19); New Jersey, 1 (1-19); East North Central—Indiana, 4 (500-999); Michigan, 2 (1-19); West North Central—Nebraska, 1 (1-19); Kansas, 3 (100-249); South Atlantic—North Carolina, 3 (100-249); Georgia, 1 (20-99); Florida, 2 (20-99); East South Central—Kentucky, 3 (100-249); Alabama, 1 (1-19); West South Central—Arkansas, 5 (250-499); Oklahoma, 1 (20-99); Texas, 1 (1-19); Utah, 1 (1-19); Pacific—California, 12 (20-99).

SIC 2093, Vegetable Oil Mills, NEC: Northeast and North Central—New York, 1 (20-99); New Jersey, 4 (250-499); Pennsylvania, 1 (1-19); Ohio, 1 (100-249); Illinois, 1 (1-19); Nebraska, 1 (1-19); South Atlantic—Maryland, 2 (20-99); Virginia, 2 (1-19); Georgia, 1 (1-19); Florida, 2 (20-99); East South Central—Alabama, 2 (20-99); Mississippi, 2 (1-19); West South Central—Louisiana, 4 (20-99); Texas, 2 (1-19); West—Montana, 1 (1-19); Arizona, 1 (1-19); Oregon, 1 (1-19); California, 12 (500-999).

SIC 2094, Grease and Tallow: New England—Maine, 6 (100-249); New Hampshire, 2 (20-99); Vermont, 1 (20-99); Rhode Island, 5 (100-249); Connecticut, 4 (100-249); West North Central—North Dakota, 2 (1-19); South Dakota, 5 (20-99); South Atlantic—Delaware, 2 (20-99); District of Columbia, 1 (20-99); South Carolina, 4 (20-99); Georgia, 9 (250-499); East South Central—Kentucky, 5 (20-99); Tennessee, 13 (100-249); Alabama, 5 (20-99); Mississippi, 4 (100-249); West South Central—Arkansas, 6 (100-249); Louisiana, 5 (100-249); Oklahoma, 8 (100-249); Mountain—Montana, 4 (1-19); Idaho, 8 (100-249); Colorado, 7 (100-249); New Mexico, 1 (1-19); Arizona, 2 (20-99); Utah, 3 (20-99); Nevada, 1 (1-19); Pacific—Washington, 8 (20-99); Oregon, 7 (20-99).

SIC 2095, Animal Oils, NEC: Northeast and North Central—Maine, 4 (20-99); New Jersey, 7 (100-249); Pennsylvania, 4 (20-99); Ohio, 1 (20-99); Indiana, 1 (20-99); South—Delaware, 2 (100-249); Maryland, 1 (20-99); Virginia, 5 (100-249); Florida, 3 (20-99); Alabama, 1 (1-19); Mississippi, 4 (100-249); Pacific—Washington, 7 (20-99); Oregon, 1 (20-99); California, 5 (20-99).

SIC 2096, Shortening and Cooking Oils: Northeast—Massachusetts, 1 (1-19); Rhode Island, 1 (20-99); New York, 7 (250-499); Pennsylvania, 2 (100-249); East North Central—Ohio, 4 (1,000-2,499); Indiana, 3 (500-999); Michigan, 2 (100-249); West North Central—Missouri, 3 (250-499); Nebraska, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Maryland, 2 (100-249); Virginia, 2 (1-19); North Carolina, 2 (20-99); Florida, 2 (20-99); East South Central—Kentucky, 1 (100-249); Tennessee, 5 (1,000-2,499); Alabama, 2 (100-249); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (20-99); Louisiana, 2 (100-249); Oklahoma, 1 (100-249); Pacific—Oregon, 1 (1-19); California, 16 (1,000-2,499).

<sup>2</sup>This state or region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for states not shown separately. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>Approximately 17 small establishments, chiefly olive oil crushers, and blenders were misclassified into this industry in 1958. These establishments accounted for 102 employees and value of shipments of \$3,090 thousand. The figures for "All other divisions" are chiefly affected including 14 establishments with 71 employees.

<sup>5</sup>Includes Georgia with 690 employees and \$41,686 thousand value added; and Texas with 1,411 employees and \$23,725 thousand value added.



Table 3.—Detailed Statistics for the United States: 1958

Item	Cottonseed oil mills (SIC 2091)	Soybean oil mills (SIC 2092)	Vegetable oil mills, nec (SIC 2093)	Grease and tallow (SIC 2094)	Animal oils, nec (SIC 2095)	Shortening and cooking oils (SIC 2096)
Primary product specialization ratio <sup>1</sup> .....	92	87	80	93	95	93
Coverage ratio <sup>2</sup> .....	92	94	93	62	87	90
Number of establishments, total.....	214	117	46	<sup>r</sup> 539	78	105
With 1-19 employees.....	51	34	26	366	41	25
With 20-99 employees.....	151	66	13	<sup>r</sup> 157	33	36
With 100 employees or more.....	12	17	7	16	4	44
Proprietors and working partners.....Number..	17	18	14	310	17	11
All employees:						
Number (average for the year).....	<sup>3</sup> 8,601	<sup>3</sup> 8,127	<sup>3</sup> 2,266	<sup>r</sup> 12,384	<sup>3</sup> 2,402	<sup>3</sup> 12,488
Payroll.....\$1,000..	31,223	41,909	12,525	<sup>r</sup> 60,095	7,774	70,993
Production workers:						
Number (average for the year).....	<sup>3</sup> 6,556	<sup>3</sup> 5,774	<sup>3</sup> 1,808	<sup>r</sup> 9,009	<sup>3</sup> 2,110	<sup>3</sup> 8,568
March.....	6,265	5,654	1,895	<sup>r</sup> 8,992	1,262	8,530
May.....	4,796	5,516	1,698	<sup>r</sup> 8,894	1,961	8,421
August.....	4,942	5,523	1,778	<sup>r</sup> 9,044	2,246	8,708
November.....	9,237	6,277	1,810	<sup>r</sup> 9,107	2,127	8,617
Man-hours.....1,000..	14,899	12,828	3,861	<sup>r</sup> 19,851	3,777	18,414
January-March.....do....	3,846	3,173	1,004	<sup>r</sup> 4,936	589	4,577
April-June.....do....	2,569	3,058	942	<sup>r</sup> 4,875	1,023	4,486
July-September.....do....	2,974	3,069	932	<sup>r</sup> 4,868	1,262	4,571
October-December.....do....	5,497	3,507	977	<sup>r</sup> 5,035	885	4,775
Wages.....\$1,000..	20,006	27,067	9,544	<sup>r</sup> 40,327	6,046	44,196
Cost of materials, etc., total.....do....	348,580	947,045	270,651	<sup>r</sup> 203,191	35,261	1,016,474
Materials, parts, containers, and supplies consumed.....do....	<sup>r</sup> 306,496	<sup>r</sup> 848,733	<sup>r</sup> 186,606	<sup>r</sup> 171,164	<sup>r</sup> 32,736	<sup>r</sup> 943,715
Cost of resales.....do....	34,579	85,671	81,347	<sup>r</sup> 21,947	747	62,222
Fuels consumed.....do....	1,450	6,549	1,377	<sup>r</sup> 6,181	1,234	7,246
Electricity purchased.....do....	5,968	6,004	1,281	<sup>r</sup> 2,843	530	3,112
Contract work.....do....	(D)	88	40	586	14	179
Value of shipments (including resales), total.....do....	420,649	1,080,798	314,695	<sup>r</sup> 328,920	60,378	1,239,129
Value of resales.....do....	37,281	85,933	92,072	<sup>r</sup> 23,738	786	72,504
Value added by manufacture, adjusted.....do....	63,587	139,612	42,066	<sup>r</sup> 127,120	24,475	221,519
Manufacturers' inventories:						
Beginning of year, total.....do....	97,444	161,862	<sup>r</sup> 51,125	<sup>r</sup> 15,116	<sup>r</sup> 10,692	<sup>r</sup> 107,323
Finished products.....do....	32,547	29,525	24,536	<sup>r</sup> 11,464	7,359	36,707
Work-in-process.....do....	11,053	4,700	690	677	259	30,786
Materials, supplies, fuel, etc.....do....	53,844	127,637	25,899	<sup>r</sup> 2,975	3,074	39,830
End of year, total.....do....	<sup>r</sup> 99,559	161,875	44,295	<sup>r</sup> 16,300	9,132	101,676
Finished products.....do....	23,377	33,440	22,736	<sup>r</sup> 12,217	6,817	37,723
Work-in-process.....do....	11,741	6,644	512	1,315	159	28,634
Materials, supplies, fuel, etc.....do....	64,441	121,791	21,047	<sup>r</sup> 2,768	2,156	35,319
Expenditures for plant and equipment, total.....do....	6,872	15,095	2,503	<sup>r</sup> 9,670	3,393	13,466
New, total.....do....	6,605	14,668	2,032	<sup>r</sup> 9,375	3,370	12,389
New structures and additions to plant.....do....	1,721	5,045	598	<sup>r</sup> 2,226	(4)	1,886
New machinery and equipment.....do....	4,884	9,623	1,434	7,149	3,033	10,503
Used plant and equipment.....do....	(4)	(4)	(4)	(4)	(4)	1,077

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>These figures are not identical to those appearing in tables 1, 2, 4, and 8. The average number of production workers in this table is calculated from the 12 monthly figures, and the total employment is the sum of this average and the number of nonproduction workers reported as of March 15. In table 1, 2, 4, and 8, the figure for production workers is the average of the four months March, May, August and November and the total employees the sum of this average and the nonproduction workers as of March 15. See also table 1, footnote 2.

<sup>4</sup>Less than \$500 thousand.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2091	Cottonseed oil mills:											
	Number of establishments.....	214	7	12	32	114	37	12	...	...	...	...
	All employees:											
	Number.....	8,355	14	79	471	3,647	2,428	1,716	...	...	...	...
	Payroll.....\$1,000..	31,223	52	321	1,508	12,617	8,726	7,999	...	...	...	...
	Value added, adjusted..do....	63,587	70	430	2,433	24,347	19,231	17,076	...	...	...	...
	Value of shipments.....do....	420,649	609	9,482	29,613	160,343	122,170	98,432	...	...	...	...
	Capital expend., new...do....	6,605	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,509	1,881	3,031	...	...	...	...
2092	Soybean oil mills:											
	Number of establishments.....	117	<sup>2</sup> 12	<sup>2</sup> 11	<sup>2</sup> 11	30	36	10	5	2	...	...
	All employees:											
	Number.....	8,095	24	65	158	1,060	2,424	1,589	<u>2,775</u>	(D)	...	...
	Payroll.....\$1,000..	41,909	84	222	670	5,281	11,724	7,879	<u>16,049</u>	(D)	...	...
	Value added, adjusted..do....	139,612	177	809	2,133	27,083	44,462	22,899	<u>42,049</u>	(D)	...	...
	Value of shipments.....do....	1,080,798	1,454	2,927	13,035	166,501	390,905	197,222	<u>308,754</u>	(D)	...	...
	Capital expend., new...do....	14,668	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,024	4,235	3,220	<u>3,808</u>	(D)	...	...
2093	Vegetable oil mills, nec:											
	Number of establishments.....	46	9	7	10	7	6	5	2	...	...	...
	All employees:											
	Number.....	2,252	22	47	130	221	532	<u>1,300</u>	(D)	...	...	...
	Payroll.....\$1,000..	12,525	121	183	535	971	2,948	<u>7,767</u>	(D)	...	...	...
	Value added, adjusted..do....	42,066	160	475	1,055	1,931	9,083	<u>29,362</u>	(D)	...	...	...
	Value of shipments.....do....	314,695	404	1,462	4,146	19,173	92,159	<u>197,351</u>	(D)	...	...	...
	Capital expend., new...do....	2,032	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	969	<u>888</u>	(D)	...	...	...
2094	Grease and tallow:											
	Number of establishments.....	<sup>r</sup> 539	111	122	133	<sup>r</sup> 115	42	13	2	1	...	...
	All employees:											
	Number.....	<sup>r</sup> 12,384	253	830	1,850	<sup>r</sup> 3,482	2,782	1,959	<u>1,228</u>	(D)	...	...
	Payroll.....\$1,000..	<sup>r</sup> 60,095	921	3,467	8,616	<sup>r</sup> 16,609	13,276	10,554	<u>6,652</u>	(D)	...	...
	Value added, adjusted..do....	<sup>r</sup> 127,120	2,746	7,905	17,425	<sup>r</sup> 35,611	25,609	21,515	<u>16,309</u>	(D)	...	...
	Value of shipments.....do....	<sup>r</sup> 328,920	5,806	18,949	44,332	<sup>r</sup> 91,605	77,668	50,358	<u>40,202</u>	(D)	...	...
	Capital expend., new...do....	<sup>r</sup> 9,375	( <sup>1</sup> )	670	1,404	<sup>r</sup> 2,944	2,166	969	<u>773</u>	(D)	...	...
2095	Animal oils, nec:											
	Number of establishments.....	78	18	6	17	25	8	4	...	...	...	...
	All employees:											
	Number.....	2,191	41	37	242	762	<u>1,109</u>	(D)	...	...	...	...
	Payroll.....\$1,000..	7,774	150	142	1,018	3,360	<u>3,104</u>	(D)	...	...	...	...
	Value added, adjusted..do....	24,475	612	335	4,090	7,780	<u>11,658</u>	(D)	...	...	...	...
	Value of shipments.....do....	60,378	1,054	560	8,742	24,814	<u>25,208</u>	(D)	...	...	...	...
	Capital expend., new...do....	3,370	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	729	<u>2,205</u>	(D)	...	...	...	...
2096	Shortening and cooking oils:											
	Number of establishments.....	105	<sup>2</sup> 7	<sup>2</sup> 5	<sup>2</sup> 13	15	21	32	9	3	...	...
	All employees:											
	Number.....	12,489	9	36	161	522	1,495	5,515	3,048	1,703	...	...
	Payroll.....\$1,000..	70,993	35	195	783	2,590	7,484	30,384	19,721	9,801	...	...
	Value added, adjusted..do....	221,519	89	640	2,128	8,754	28,748	85,868	60,685	34,607	...	...
	Value of shipments.....do....	1,239,129	345	2,410	8,692	51,757	131,615	586,894	273,294	184,122	...	...
	Capital expend., new...do....	12,389	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	847	925	5,187	3,724	1,233	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>r</sup>Revised.

<sup>1</sup>Less than \$500 thousand.

<sup>2</sup>Approximately 17 small plants (chiefly producers and blenders of olive oil) were classified in industry 2092 rather than 2096. Of these, 8 were size class 1-4 employees; 6 size class 5-9 employees; and 3 size class 10-19 employees.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2091	Cottonseed oil mills.....1958..	420,649	346,238	31,843	42,568	92	377,282	346,238	31,044	92
	1954..	592,298	520,215	22,319	49,764	96	559,551	520,215	39,336	93
2092	Soybean oil mills.....1958..	1,080,798	865,840	128,508	86,450	87	919,691	865,840	53,851	94
	1954..	877,408	730,264	95,275	51,869	88	762,850	730,264	32,586	96
2093	Vegetable oil mills, nec.....1958..	314,695	177,013	45,035	92,647	80	189,261	177,013	12,248	93
	1954..	338,100	221,466	72,368	44,266	75	259,086	221,466	37,620	85
2094	Grease and tallow.....1958..	330,560	<sup>r</sup> 267,978	<sup>r</sup> 20,351	41,101	93	<sup>r</sup> 429,951	<sup>r</sup> 267,978	161,973	62
	1954..	236,792	195,473	26,290	15,029	88	356,184	195,473	160,711	55
2095	Animal oils, nec.....1958..	60,378	<sup>r</sup> 55,654	3,181	1,543	95	104,313	55,654	48,659	<sup>r</sup> 53
	1954..	67,379	57,686	6,811	2,882	89	87,869	57,686	30,183	66
2096	Shortening and cooking oils.....1958..	1,239,129	1,080,424	83,419	75,286	93	1,191,323	1,080,424	110,899	90
	1954..	1,154,236	966,740	159,160	28,336	86	1,166,742	966,740	200,002	83

<sup>r</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry, for the United States: 1958

In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries.)

Prod. Class Code	Class of products and miscellaneous receipts	Cottonseed oil mills (SIC 2091)	Soybean oil mills (SIC 2092)	Vegetable oil mills, nec (SIC 2093)	Shortening and cooking oils (SIC 2096)	Other industries	All industries
	Total shipments and receipts of the industry.....	420,649	1,080,798	314,695	1,239,129	xxx	xxx
2091-	Cottonseed oil mill products.....	346,238	21,693	955	7,725	671	377,282
20911	Crude cottonseed oil.....	151,902	9,692	(D)	(D)	327	162,726
20912	Refined cottonseed oil.....	39,417	(D)	(D)	6,967	...	47,722
20913	Cotton linters.....	26,979	1,542	(D)	(D)	52	28,689
20914	Cottonseed cake, meal, and other by products.....	121,503	8,855	(D)	(D)	292	131,285
20910	Cottonseed oil mill products, nsk.....	6,437	(D)	(D)	xxx	...	6,860
2092-	Soybean oil mill products.....	23,898	865,840	13,792	12,780	3,381	919,691
20921	Soybean oil.....	11,157	394,255	7,822	11,429	1,227	425,890
20922	Other soybean oil mill products.....	12,741	466,523	5,970	(D)	(D)	487,406
20920	Soybean oil mill products, nsk.....	...	5,062	...	(D)	(D)	6,395
2093-	Vegetable oil mill products, nec.....	698	546	177,013	3,598	7,406	189,261
20931	Linseed oil.....	(D)	(D)	61,329	(D)	1,429	63,191
20932	Vegetable oils (other than cottonseed, soybean and linseed).....	(D)	(D)	79,235	3,336	5,373	88,274
20933	Other vegetable oil mill products, exc, cottonseed and soybean.....	(D)	(D)	36,499	(D)	604	37,796
2096-	Shortening and cooking oils.....	xxx	(D)	(D)	1,080,424	84,442	1,191,323
20961	Shortening and cooking oils.....	xxx	(D)	(D)	813,159	(D)	895,443
20962	Margarine.....	xxx	xxx	(D)	267,265	(D)	295,880
	Other products.....	7,247	(D)	12,933	59,336	xxx	xxx
20354	Salad dressing, including mayonnaise.....	xxx	xxx	xxx	19,073	xxx	xxx
20421	Poultry feeds (complete feeds and supplements).....	(D)	39,503	xxx	(D)	xxx	xxx
20422	Livestock feeds (complete feeds and supplements).....	1,850	36,783	xxx	(D)	xxx	xxx
20950	Animal and marine oil products.....	(D)	xxx	6,169	6,905	xxx	xxx
28712	Mixed fertilizers.....	3,669	2,130	xxx	xxx	xxx	xxx
	Miscellaneous secondary products.....	292	(D)	6,764	31,461	xxx	xxx
	Miscellaneous receipts.....	42,568	86,450	92,647	75,286	xxx	xxx
	Miscellaneous receipts.....	159	517	575	394	xxx	xxx
	Commission and contract work.....	690	xxx	xxx	2,388	xxx	xxx
	Nonmanufacturing activities.....	4,438	xxx	xxx	xxx	xxx	xxx
	Resales.....	37,281	85,933	92,072	72,504	xxx	xxx

Prod. class code	Grease and tallow industry	Grease and tallow (SIC 2094)	Meat packing plants (SIC 2011)	Other industries	All industries
	Total shipments and receipts of the industry.....	328,920	xxx	xxx	xxx
	Primary products.....	267,978	145,168	16,808	429,951
20941	Grease and inedible tallow.....	155,893	79,668	11,167	246,728
20942	Feed and fertilizer by products.....	104,045	64,722	5,548	174,315
20940	Grease and tallow, nsk.....	8,040	778	93	8,908
	Secondary products.....	20,351	xxx	xxx	xxx
20119	Hides, skins, and pelts.....	3,544	xxx	xxx	xxx
	Other secondary products.....	16,807	xxx	xxx	xxx
	Miscellaneous receipts.....	40,591	xxx	xxx	xxx
	Contract work.....	15,568	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,285	xxx	xxx	xxx
	Resales.....	23,738	xxx	xxx	xxx

Prod. class code	Animal oils, nec industry	Animal oils, nec (SIC 2095)	Other industries	All industries
	Total shipments and receipts of the industry.....	60,378	xxx	xxx
20950	Animal and marine oil mill products, including foots.....	55,654	48,659	104,313
	Secondary products.....	3,181	xxx	xxx
	Miscellaneous receipts.....	1,543	xxx	xxx
	Miscellaneous receipts.....	757	xxx	xxx
	Resales.....	786	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958				1954			
			Production for all purposes, including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2091---	Cottonseed oil mill products, total.....	.....	xxx	xxx	377,282	xxx	(NA)	xxx	xxx	559,551
2091111	Cottonseed oil, crude.....	1,000 lbs.	<sup>r</sup> 1,435,475	1,289,382	162,736	1,007,860	126,467	1,945,921	1,814,189	240,593
2091211	Cottonseed oil, refined <sup>1</sup> .....	...do....	1,186,504	427,211	47,722	405,402	44,531	1,686,968	468,442	70,996
2091311	Linters.....	...do....	795,518	782,212	28,689	xxx	(NA)	1,123,218	1,067,350	48,939
20914--	Cottonseed cake, and meal, and other byproducts.....	.....	xxx	xxx	131,285	xxx	(NA)	xxx	xxx	197,199
2091411	Cake and meal.....	Short tons	2,070,381	2,136,326	107,376	xxx	(NA)	2,770,295	2,676,879	171,674
2091451	Hulls.....	...do....	939,939	912,513	12,385	xxx	(NA)	1,293,830	1,265,347	18,247
2091498	Other cottonseed products (including cottonseed meats).....	.....	xxx	xxx	11,524	xxx	(NA)	xxx	xxx	7,278
2091000	Cottonseed oil mill products, nsk.....	.....	xxx	xxx	6,860	xxx	(NA)	xxx	xxx	1,824
2092---	Soybean oil mill products, total.....	.....	xxx	xxx	919,691	xxx	(NA)	xxx	xxx	762,850
20921--	Soybean oil.....	.....	xxx	xxx	425,890	xxx	(NA)	xxx	xxx	349,545
2092111	Soybean oil, crude.....	1,000 lbs.	<sup>r</sup> 3,870,025	3,457,204	378,733	3,035,337	333,703	2,402,615	2,279,958	305,829
2092121	Soybean oil, refined <sup>1</sup> .....	...do....	3,131,167	333,173	43,328	325,529	39,619	2,090,451	224,333	31,998
2092131	Soybean oil, processed <sup>2</sup> .....	...do....	61,575	59,239	3,829	xxx	(NA)	89,975	84,368	11,718
20922--	Other soybean oil mill products, including cake and meal.....	.....	xxx	xxx	487,406	xxx	(NA)	xxx	xxx	413,305
2092211	Cake and meal.....	Short tons	7,909,130	8,092,967	467,271	7,400,207	421,849	5,315,589	5,051,526	390,409
2092231	Soy flour and grits.....	1,000 lbs.	213,552	261,445	15,488	xxx	(NA)	235,744	200,200	18,399
2092251	Lecithin.....	...do....	33,749	35,783	4,647	xxx	(NA)	31,066	36,992	4,497
2092000	Soybean oil mill products, nsk.....	.....	xxx	xxx	6,395	xxx	(NA)	xxx	xxx	...
2093---	Vegetable oil mill products, except cottonseed and soybean.....	.....	xxx	xxx	189,261	xxx	(NA)	xxx	xxx	259,086
20931--	Linseed oil.....	.....	xxx	xxx	63,191	xxx	52,031	xxx	xxx	106,788
2093111	Linseed oil, crude.....	1,000 lbs.	<sup>r</sup> 455,876	256,236	36,326	229,678	32,444	652,668	451,414	71,137
2093131	Linseed oil, processed (refined, boiled, blown, heat treated, or chemically modified).....	...do....	( <sup>3</sup> )	189,634	26,865	143,596	19,587	247,247	211,695	35,651
20932--	Vegetable oils (other than cottonseed, soybean, and linseed).....	.....	xxx	xxx	82,739	xxx	(NA)	xxx	xxx	95,810
	Castor bean oil, except medicinal grades:									
2093212	Castor oil No. 1, and No. 3, crude.....	...do....	(D)	(D)	(D)	xxx	(NA)	65,809	58,508	11,597
2093215	Dehydrated castor oil.....	...do....	21,704	16,453	3,606	xxx	(NA)	17,941	15,906	3,214
	Coconut products:									
2093221	Coconut oil, crude.....	...do....	414,921	366,442	52,343	296,688	43,075	421,768	367,657	47,989
2093223	Coconut oil, refined <sup>1</sup> .....	...do....	<sup>4</sup> 434,457	63,321	9,830	xxx	(NA)	360,184	58,980	11,161
	Other vegetable oils (including peanut oil and tung oil):									
2093262	Crude.....	...do....	xxx	43,333	6,668	xxx	(NA)	109,510	80,665	14,327
2093267	Refined <sup>1</sup> .....	...do....	xxx	47,798	6,365	xxx	(NA)	156,438	33,884	7,522
20933--	Other vegetable oil mill products, except cottonseed and soybean.....	.....	xxx	xxx	43,331	xxx	(NA)	xxx	xxx	56,488
2093311	Linseed cake and meal.....	Short tons	445,892	492,046	27,929	xxx	(NA)	567,897	545,793	39,149
2093341	Coconut cake and meal.....	...do....	117,947	121,269	7,268	xxx	(NA)	113,590	113,856	7,341
2093398	Other vegetable cake and meal.....	.....								
2093000	Other vegetable oil mill products, and vegetable oil mill products, nsk.....	.....	xxx	xxx	8,134	xxx	(NA)	xxx	xxx	9,998
Total shipments including interplant transfers										
				1958		1954				
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)			
2094---	Grease and tallow, total.....	.....	xxx	xxx	<sup>r</sup> 429,951	xxx	xxx	xxx	xxx	356,184
2094112	Grease and inedible tallow <sup>5</sup> .....	1,000 lbs.		3,259,768	246,728		2,862,442			182,570
20942--	Feed and fertilizer byproducts.....	.....	xxx	xxx	<sup>r</sup> 174,315	xxx	xxx	xxx	xxx	169,673
	Animal refuse and garbage tankage:									
2094211	Wet.....	Short tons		168,969	114,214		419,974			18,680
2094214	Dry.....	...do....		541,108	43,598		315,919			28,277
2094223	Meat meal.....	...do....		973,836	85,989		1,010,345			92,692
2094233	Bone meal.....	...do....		169,709	12,175		116,036			8,038
2094243	Dried blood, etc.....	...do....		129,314	13,710		117,063			11,783
2094298	All other byproducts.....	.....	xxx	xxx	521	xxx	...	xxx	xxx	4,160
2094200	Feed and fertilizer byproducts, nsk..	.....	xxx	xxx	<sup>r</sup> 4,108	xxx	xxx	xxx	xxx	6,043
2094000	Grease and tallow, nsk.....	.....	xxx	xxx	8,908	xxx	xxx	xxx	xxx	3,941

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958				1954			
			Production for all purposes (quantity)	Total shipments including interplant transfers		Commercial shipments		Quantity	Value (\$1,000)	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)			
2095---	Animal and marine fats and oils, except grease and tallow.....	.....	xxx	xxx	104,313	xxx	87,869	xxx	27,126	
2095011	Foots, animal, vegetable, and fish, and acidulated soap stock.....	.....	xxx	(D)	22,878	xxx	8,254	xxx	6,666	
2095041	Animal oil mill products other than fatty acids:									
2095049	Animal stearin, inedible.....	1,000 lbs.	(D)	47,135	4,328	24,164	2,766	24,164	2,766	
	All other animal oils, except fatty acids.....	..do....	xxx	71,326	13,447	119,071	17,694	119,071	17,694	
	Marine animal oil mill products:									
2095061	Fish and marine oil.....	.....	xxx	xxx	20,330	xxx	23,563	xxx	xxx	
2095066	Fish cake and meal.....	.....	xxx	xxx	31,106	xxx	28,023	xxx	xxx	
2095071	Hydrogenated marine animal oils, inedible.....	.....	}	xxx	xxx	6,275	xxx	6,473	xxx	
2095098	Other marine animal oil mill products..	.....		xxx	xxx	5,949	xxx	1,095	xxx	
2095000	Animal oils, nsk.....	.....	xxx	xxx						
			1958				1954			
			Total shipments including interplant transfers		Commercial shipments		Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2096---	Shortening, table oils, margarine, and other edible fats and oils, total.....	.....	xxx	1,191,323	(NA)	(NA)	xxx	1,166,742	xxx	1,066,320
20961--	Shortening and cooking oils.....	.....	xxx	895,443	(NA)	(NA)	xxx	888,258	xxx	790,764
	Shortening:									
2096112	Consumer sizes (containers 3 lbs. and under).....	1,000 lbs.	789,059	188,257	}	(NA)	(NA)	2,303,304	450,693	1,955,578
2096117	Commercial sizes (containers of more than 3 lbs.).....	..do....	1,348,797	230,485		(NA)	(NA)			
2096121	Mono- and die-glycerides.....	..do....	35,182	9,275	(NA)	(NA)	22,605	6,709	20,817	6,205
	Hydrogenated oils, edible:									
2096141	Vegetable.....	..do....	970,974	141,824	885,231	128,879	1,114,510	193,580	786,987	138,720
2096143	Animal.....	..do....	36,475	4,872	31,452	4,176	43,617	7,720	41,185	7,522
2096152	Salad or cooking oils, incl. olive oil (refined oils, bleached, deodorized, and/or winterized).....	..do....	1,927,784	302,070	1,871,216	293,196	1,184,502	218,695	1,041,744	194,654
2096171	Vegetable oil winter stearin.....	..do....	55,193	8,065	42,367	6,218	72,058	10,861	43,856	6,479
2096100	Stortening and cooking oils, nsk.....	.....	xxx	10,597	(NA)	(NA)	...	...	...	...
20962--	Margarine.....	.....	xxx	295,880	(NA)	(NA)	xxx	278,484	xxx	275,555
2096211	Packages of 1 lb. and under.....	1,000 lbs.	1,399,303	268,990	(NA)	(NA)	1,269,909	262,271	1,257,643	259,897
2096219	Commercial sizes and bulk.....	..do....	122,098	22,755	(NA)	(NA)	75,536	16,213	72,391	15,658
2096200	Margarine and related products, nsk....	.....	xxx	4,135	(NA)	(NA)	...	...	...	...

D Withheld to avoid disclosing figures for individual companies. \*Revised.

NA Not available.

<sup>1</sup>Oil treated by alkali or caustic wash. Production and shipments figures exclude amounts of refined oil which have been further processed by bleaching, deodorizing and/or winterizing. The latter are included with Shortening and Cooking Oils, Industry 2096.<sup>2</sup>Includes acid refined, boiled, blown, heat treated, or chemically modified oil.<sup>3</sup>Total production not available. The 1958 Census of Manufactures did not collect figures on the production of refined oils from plants making soap, paint and other inedible products, where the refining was an integral part of the soap or paint making process.<sup>4</sup>Production for calendar year as reported in Facts for Industry Series M28-1, Fats and Oils, Annual Summary, 1958. See footnote 3.<sup>5</sup>See Industry 2011, Meat Packing, for information on edible tallow.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Crude cottonseed oil</u> (20911):		<u>Other soybean oil mill</u> <u>products, including cake</u> <u>and meal (20922):</u>	1958 <sup>1</sup>	<u>Grease and inedible tallow</u> (20941)--Continued	1958 <sup>1</sup> 1954
United States, total:		United States, total.....	487,406	South Atlantic.....	17,333 10,335
1958.....	162,727	East North Central.....	257,189	Maryland.....	2,638 2,100
1954.....	240,593	Ohio.....	49,392	Virginia.....	3,669 2,128
1947.....	240,479	Indiana.....	41,518	North Carolina.....	3,152 1,566
	1958 <sup>1</sup>	Illinois.....	166,277	Georgia.....	3,269 1,856
South Atlantic.....	12,949			Florida.....	3,042 1,676
North Carolina.....	3,193	West North Central.....	139,368	East South Central.....	5,357 3,290
South Carolina.....	3,844	Minnesota.....	32,947	Tennessee.....	2,796 1,612
Georgia.....	5,912	Iowa.....	77,870	West South Central.....	12,534 7,452
East South Central.....	27,851	Missouri.....	18,781	Louisiana.....	1,770 1,678
Tennessee.....	9,737	South Atlantic.....	10,448	Oklahoma.....	1,735 1,124
Alabama.....	5,094	North Carolina.....	2,074	Texas.....	8,061 4,360
Mississippi.....	13,020	South Carolina.....	2,889	Mountain.....	7,585 5,004
West South Central.....	84,099	East South Central.....	63,546	Colorado.....	4,332 3,108
Arkansas.....	12,120	Tennessee.....	37,266	Pacific.....	30,934 23,109
Louisiana.....	4,112	West South Central.....	13,357	Washington.....	2,549 2,204
Oklahoma.....	3,712	Arkansas.....	11,181	Oregon.....	1,304 1,568
Texas.....	64,155			California.....	27,081 19,337
Mountain.....	15,623		Value of shipments		Value of shipments
Arizona.....	12,705	<u>Grease and inedible tallow</u> (20941):		<u>Feed and fertilizer by-</u> <u>products (20942):</u>	
Pacific.....	20,130	United States, total:		United States, total:	
California.....	20,130	1958.....	246,728	1958.....	175,415
All other regions.....	2,075	1957.....	264,186	1957.....	159,464
	Value of shipments	1956.....	246,250	1956.....	155,815
<u>Cottonseed cake, and meal,</u> <u>and other byproducts</u> (20914):		1955.....	216,829	1955.....	151,131
United States, total:		1954.....	182,570	1954.....	169,673
1958.....	128,343	1953.....	138,274	1953.....	169,490
1954.....	197,199	1952.....	142,111	1952.....	205,194
1947.....	144,476	1951.....	281,687	1951.....	203,966
	1958 <sup>1</sup>	1950.....	180,523	1950.....	185,421
		1947.....	354,176	1947.....	166,233
			1958 <sup>1</sup> 1954		1958 <sup>1</sup> 1954
South Atlantic.....	12,772	New England.....	14,734 10,835	New England.....	6,004 5,957
North Carolina.....	2,946	Massachusetts.....	8,094 5,870	Massachusetts.....	3,530 4,188
South Carolina.....	3,822	Rhode Island.....	1,587 1,553		
Georgia.....	6,004	Middle Atlantic.....	50,403 37,078	Middle Atlantic.....	18,650 22,173
East South Central.....	25,587	New York.....	21,937 18,343	New York.....	6,111 9,245
Tennessee.....	8,142	New Jersey.....	16,276 7,961	New Jersey.....	5,084 3,766
Alabama.....	4,511	Pennsylvania.....	12,190 10,773	Pennsylvania.....	7,455 9,161
Mississippi.....	12,934	East North Central.....	60,563 49,596	East North Central.....	48,416 50,391
West South Central.....	60,221	Ohio.....	15,094 13,025	Ohio.....	10,844 12,592
Arkansas.....	7,717	Indiana.....	7,375 4,557	Indiana.....	5,672 4,271
Louisiana.....	3,663	Illinois.....	22,021 18,208	Illinois.....	18,136 20,601
Oklahoma.....	2,673	Michigan.....	9,230 8,844	Michigan.....	5,548 4,730
Texas.....	46,168	Wisconsin.....	6,843 4,961	Wisconsin.....	8,216 8,196
Mountain.....	9,611	West North Central.....	47,285 35,870	West North Central.....	42,796 38,901
Arizona.....	8,016	Minnesota.....	9,844 7,251	Minnesota.....	8,397 8,837
Pacific.....	18,974	Iowa.....	15,284 11,622	Iowa.....	13,014 13,525
California.....	18,974	Missouri.....	4,844 4,167	Missouri.....	4,340 3,493
		Nebraska.....	8,887 5,771	Nebraska.....	10,698 5,974
		Kansas.....	5,431 4,651	Kansas.....	4,244 4,653

See footnotes at end of table.

Table 6B.-Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years--Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
Feed and fertilizer by- products (20942)--Continued	1958 <sup>1</sup>	1954	Shortening and cooking oils (20961):			Margarine (20962):	
South Atlantic.....	17,815	13,043	United States, total:			United States, total:	
Maryland.....	3,205	2,912	1958.....	895,443		1958.....	295,880
Virginia.....	2,168	2,108	1957.....	867,290		1957.....	291,365
North Carolina.....	2,997	1,897	1956.....	867,510		1956.....	262,480
Georgia.....	6,396	4,509	1955.....	854,358		1955.....	253,074
Florida.....	2,235	1,099	1954.....	888,258		1954.....	278,484
East South Central.....	6,491	5,061	1951.....	689,080		1947.....	237,092
Kentucky.....	1,640	1,386	1950.....	598,177			1958 <sup>1</sup>
Tennessee.....	2,399	2,138	1947.....	744,794		Middle Atlantic.....	38,346
Alabama.....	1,766	1,081				New Jersey.....	38,346
West South Central.....	12,984	12,055	Middle Atlantic.....	176,874	154,286	East North Central.....	113,015
Oklahoma.....	1,607	1,855	New Jersey.....	120,925	81,551	Ohio.....	26,958
Texas.....	9,308	8,929	East North Central.....	281,497	225,896	Illinois.....	32,479
Mountain.....	4,910	4,598	Illinois.....	188,443	129,127	West North Central.....	13,896
Colorado.....	2,340	2,800	West North Central.....	29,818	16,937	South Atlantic.....	33,031
Pacific.....	17,349	17,493	South Atlantic.....	57,050	103,762	Georgia.....	21,036
Washington.....	1,813	1,795	Georgia.....	36,837	76,204	East South Central.....	14,018
Oregon.....	866	1,957	East South Central.....	146,242	145,509	West South Central.....	41,734
California.....	14,670	13,741	West South Central.....	119,889	151,197	Texas.....	33,519
			Texas.....	86,258	97,771	Pacific.....	41,829
			Pacific.....	77,980	83,942		

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20911, Missouri and New Mexico; 20914, New Mexico; 20921, Nebraska, Kansas, Georgia, Kentucky, Mississippi, Louisiana, Texas, and California; 20922, Nebraska, Kansas, Georgia, Kentucky, Mississippi, Texas, and California; 20941, Connecticut, South Dakota, Kentucky, and Idaho; 20942, Maine, South Dakota, and Arkansas.

TABLE 7 NOT APPLICABLE TO THIS BULLETIN



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2091	COTTONSEED OIL MILLS (entire industry)	214	8,355	31,223	6,310	14,899	20,006	63,587	348,580	420,649	6,605
	Establishments with:										
	90% or more specialization.....	153	5,834	22,578	4,404	10,452	14,670	47,682	248,673	305,342	5,377
	75-89% specialization.....	23	877	3,035	662	1,535	1,867	4,813	36,158	41,284	(1)
2092	SOYBEAN OIL MILLS (entire industry)...	117	8,095	41,909	5,742	12,828	27,067	139,612	947,045	1,080,798	14,668
	Establishments with:										
	90% or more specialization.....	81	4,211	23,145	3,018	6,752	15,353	78,573	586,377	667,421	7,319
	75-89% specialization.....	7	667	3,228	339	724	1,312	6,391	30,238	36,291	2,236
2093	VEGETABLE OIL MILLS, NEC (entire industry).....	46	2,252	12,525	1,794	3,861	9,544	42,066	270,651	314,695	2,032
	Establishments with:										
	90% or more specialization.....	22	943	4,906	756	1,636	3,874	17,042	102,086	120,995	1,069
	75-89% specialization.....	6	562	3,191	479	1,020	2,690	7,610	38,955	45,347	(1)
2094	GREASE AND TALLOW (entire industry)...	1,539	12,384	60,095	9,009	19,851	40,327	127,120	203,191	328,420	9,375
	Establishments with:										
	90% or more specialization.....	482	9,739	46,758	7,013	15,492	30,977	97,177	147,922	244,144	7,812
	75-89% specialization.....	28	1,740	8,754	1,262	2,717	5,891	21,077	30,996	51,788	1,162
20941	Grease and tallow (primary product class of estab.).....	304	9,104	46,273	6,435	14,108	30,536	97,531	143,610	239,747	6,687
	Establishments with:										
	90% or more specialization...	58	757	3,483	598	1,219	2,619	7,833	13,608	21,452	655
	75-89% specialization.....	50	1,198	6,138	935	2,049	4,357	10,904	14,959	25,851	1,007
20942	Feed and fertilizer byproducts (primary product class of estab.)...	1,235	3,280	13,822	2,574	5,743	9,791	29,589	59,581	89,173	2,688
	Establishments with:										
	90% or more specialization...	77	582	2,550	435	863	1,726	4,816	15,512	20,366	676
	75-89% specialization.....	28	651	2,440	522	1,069	1,673	6,131	9,819	15,954	706
2095	ANIMAL OILS, NEC (entire industry)....	78	2,191	7,774	1,899	3,777	6,046	24,475	35,261	60,378	3,370
	Establishments with:										
	90% or more specialization.....	67	1,962	6,777	1,707	3,324	5,326	21,615	31,678	54,112	3,260
	75-89% specialization.....	5	201	838	170	408	611	2,507	2,914	5,210	(D)
2096	SHORTENING AND COOKING OILS (entire industry).....	105	12,489	70,993	8,569	18,414	44,196	221,519	1,016,474	1,239,129	12,389
	Establishments with:										
	90% or more specialization.....	77	9,022	52,465	6,286	13,503	33,283	153,925	731,982	888,758	9,136
	75-89% specialization.....	16	2,591	14,416	1,756	3,850	8,732	56,306	247,217	301,915	2,710
20961	Shortening and cooking oils (primary product class of estab.)...	70	9,493	54,642	6,406	13,715	33,580	159,067	840,787	1,001,959	8,854
	Establishments with:										
	90% or more specialization...	37	4,285	26,073	2,846	6,147	15,535	77,232	443,090	525,503	5,335
	75-89% specialization.....	14	1,925	11,258	1,233	2,666	6,614	29,518	181,321	210,546	1,135
20962	Margarine (primary product class of estab.).....	35	2,996	16,351	2,163	4,699	10,616	62,452	175,687	237,170	3,535
	Establishments with:										
	90% or more specialization...	25	1,718	8,554	1,307	2,760	5,824	27,273	107,437	134,033	1,430
	75-89% specialization.....	4	506	2,787	267	564	1,142	10,736	25,588	36,257	(1)

<sup>1</sup>Revised.

<sup>2</sup>Less than \$500 thousand.

## MANUFACTURES-INDUSTRY STATISTICS

Table 9A.-Oilseed Crushing Capacity by Method of Extraction for Regions and States: 1958 and 1954

(Statistics are based on reports by establishments which crushed seeds and/or beans during the census years. There is some duplication in capacity between soybeans and cottonseed since some mills crush both and reported rated capacity of the equipment for both seeds)

Region and State	Twenty-four hours rated capacity (short tons)							
	Hydraulic press		Continuous screw press		Solvent extraction		Prepress solvent extraction	
	1958	1954	1958	1954	1958	1954	1958	1954
COTTONSEED								
United States, total.....	5,313	13,478	15,322	12,175	4,930	3,021	4,260	4,093
Southeast, total.....	1,772	5,825	3,011	2,100	(D)	(D)	(D)	...
Alabama-Georgia.....	974	3,367	1,581	1,095	(D)	(D)	...	...
North Carolina.....	582	1,209	464	280	...	...	...	...
South Carolina.....	216	1,249	966	725	...	...	(D)	...
Valley, total.....	1,896	4,442	4,350	2,732	(D)	(D)	(D)	(D)
Arkansas-Tennessee.....	520	1,498	2,618	1,693	1,625	829	(D)	(D)
Louisiana-Mississippi.....	1,376	2,944	1,732	1,039	(D)	(D)	(D)	(D)
Southwest, total.....	1,645	3,211	7,227	6,817	2,385	1,150	2,710	3,143
Arizona-California.....	830	(D)	2,272	2,118	(D)	...	(D)	(D)
Oklahoma-Texas.....	815	(D)	4,955	4,699	(D)	1,150	(D)	(D)
All other States.....	...	...	734	526	...	...	...	(D)
SOYBEANS								
United States, total.....	506	515	3,506	3,677	31,450	21,069	806	(D)
Central soybean producing States, total <sup>1</sup> .....	...	(D)	841	1,599	23,997	18,637	(D)	(D)
Illinois.....	...	...	284	557	9,113	7,995	...	(D)
Iowa.....	...	...	350	617	4,955	3,563	...	...
Ohio.....	...	(D)	...	(D)	3,079	2,294	...	...
Indiana.....	...	...	...	...	2,904	2,420	...	...
Minnesota.....	...	...	(D)	240	2,176	1,205	(D)	...
All other States.....	506	(D)	2,665	2,078	7,453	2,432	(D)	...
FLAXSEED								
United States, total <sup>2</sup> .....	(D)	(NA)	<sup>3</sup> 1,230	(NA)	1,350	(NA)	1,200	(NA)

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>In addition to States shown, includes Missouri, Kansas, and Nebraska.

<sup>2</sup>Includes Ohio, Minnesota, Montana, California, New York, and Texas.

<sup>3</sup>Includes hydraulic press.



Table 9B.—Seeds or Beans Crushed and Oil Produced, by Method of Extraction, by Regions and States: 1958

Region and State	Total		Hydraulic press		Continuous screw press		Solvent extraction		Prepress and solvent extraction	
	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)
COTTONSEED										
United States, total.....	4,210,621	1,435,457	565,618	187,907	2,312,253	760,124	544,198	199,181	788,552	288,245
East, total.....	489,130	160,434	127,592	41,936	(D)	(D)	(D)	(D)	(D)	(D)
Alabama-Georgia.....	314,444	102,590	90,616	28,520	(D)	(D)	(D)	(D)	...	...
North Carolina.....	73,760	24,954	27,649	10,711	46,111	14,243	...	...	...	...
South Carolina.....	100,926	32,890	9,327	2,705	(D)	(D)	...	...	(D)	(D)
Valley, total.....	1,007,480	351,402	173,724	57,138	426,194	141,990	240,117	92,468	167,445	59,806
Arkansas-Tennessee.....	575,083	207,737	57,917	19,702	272,604	93,279	165,617	67,017	78,945	27,739
Louisiana-Mississippi.....	432,397	143,665	115,807	37,436	153,590	48,711	74,500	25,451	88,500	32,067
Southwest, total.....	2,609,506	885,968	264,302	88,833	1,458,835	476,765	278,428	96,679	607,941	223,691
Arizona-California.....	993,964	349,116	148,997	50,390	560,094	191,687	85,595	32,589	199,278	74,450
Oklahoma-Texas.....	1,615,542	536,852	115,305	38,443	898,741	285,078	192,833	64,090	408,663	149,241
All other States.....	104,505	37,653	...	...	104,505	37,653	...	...	...	...
SOYBEANS										
United States, total.....	10,789,669	3,870,025	29,112	8,286	398,841	122,775	10,361,716	3,738,964	...	...
Central soybean producing States, total <sup>1</sup> .....	8,826,744	3,167,952	...	...	180,368	54,122	8,646,376	3,113,830	...	...
Illinois.....	3,784,602	1,379,706	...	...	64,583	19,780	3,720,019	1,359,926	...	...
Iowa.....	1,702,062	597,921	...	...	96,532	29,187	1,605,530	568,734	...	...
Ohio.....	1,010,571	363,698	...	...	...	...	1,010,571	363,698	...	...
Indiana.....	952,643	339,129	...	...	...	...	952,643	339,129	...	...
Minnesota.....	836,804	284,041	...	...	(D)	(D)	(D)	(D)	...	...
All other States.....	1,962,925	702,073	29,112	8,286	218,473	68,653	1,715,340	625,134	...	...
FLAXSEED										
United States, total <sup>2</sup> ....	661,124	455,876	(D)	(D)	<sup>3</sup> 186,249	<sup>3</sup> 124,962	167,172	119,419	307,703	211,495

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>In addition to States shown, includes Missouri, Kansas, and Nebraska.<sup>2</sup>Includes Ohio, Minnesota, Montana, California, New York, and Texas.<sup>3</sup>Includes hydraulic press.





## Other Food Preparations

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2097—Manufactured Ice
- 2098—Macaroni, Spaghetti, Vermicelli, and Noodles
- 2099—Food Preparations, N.E.C.

This group of industries comprises a part of SIC Group 209, Miscellaneous Food Preparations and Kindred Products. The other industries comprising this group are included in the report for Fats and Oils, as follows:

- 2091—Cottonseed Oil Mills
- 2092—Soybean Oil Mills
- 2093—Vegetable Oil Mills, Except Cottonseed and Soybean
- 2094—Grease and Tallow
- 2095—Animal and Marine Fats and Oils, Except Grease and Tallow
- 2096—Shortening, Table Oils, Margarine and Other Edible Fats and Oils, N.E.C.

### 2097—Manufactured Ice

This industry comprises establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in Industry 2813, and the harvesting and storage of natural ice for sale in trade industries. For a detailed list of products of Industry 2097, refer to table 6A, product codes 2097011 to 2097051.

The specialization and coverage ratios for Industry 2097 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

### 2098—Macaroni, Spaghetti, Vermicelli, and Noodles

This industry comprises establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc. are classified in Industry 2032. For a detailed list of products of Industry 2098, refer to table 6A, product codes 2098011 to 2098051.

The specialization and coverage ratios for Industry 2098 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

### 2099—Food Preparations, N.E.C.

This industry comprises establishments primarily engaged in manufacturing prepared foods and miscellaneous specialties, n.e.c., such as baking powder, yeast, and other leavening compounds, roasted coffee and coffee extracts. For a detailed list of products of Industry 2099, refer to table 6A, product codes 2099111 to 2099981.

The specialization and coverage ratios for Industry 2099 were over 90 percent in 1958 indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The statistics for this industry as classified under the 1957 Standard Industrial Classification Manual were changed significantly compared with the statistics for the industry as classified under the manual followed in 1954.

The 1957 revisions to the Standard Industrial Classification Manual merged the 1954 Industry 2091, Leavening Compounds into Industry 2099. As a result, 39 establishments with 2,391 employees and adjusted value added of \$58,809 thousand were transferred into the industry.

Conversely, the revisions reduced the content of Industry 2099 as follows:

(1) Establishments primarily producing liquid, dried or frozen eggs were transferred to Industry 2015, Poultry Products. This change resulted in shifting from Industry 2099 to Industry 2015, 79 establishments having 4,490 employees and \$30,923 thousand adjusted value added.

(2) Establishments primarily producing prepared frozen foods (complete dinners, meat pies, poultry pies, etc.) were shifted to Industry 2037, Frozen Fruits, Vegetables, and Specialties. As a result, 127 establishments with 14,024 employees and \$113,859 thousand adjusted value added moved to Industry 2037 from Industry 2099.

(3) Establishments primarily producing ice cream cones and cups were classified into Industry 2052, Biscuit, Crackers, and Pretzels. Thus, 35 establishments with 1,350 employees and \$16,872 thousand adjusted value added were shifted from Industry 2099 to Industry 2037.

(4) Establishments primarily producing specialties such as mincemeat, were classified into Industry 2032, Canned Specialties. As a result, 7 establishments with 200 employees and \$2,607 thousand adjusted value added changed industries.

(5) Establishments primarily producing confectionery type solid chocolate from purchased chocolate liquor were shifted into 2071, Confectionery. This change resulted in moving 23 establishments with 665 employees and \$3,853 adjusted value added from Industry 2099 to Industry 2071. The effects of these changes are also shown in tables 1, 1A, and 2A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Special- ization ratio <sup>6</sup> (per- cent)	Cov- erage <sup>7</sup> ratio (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2097 (old SIC 2097)	Manufactured ice:														
		1,099	1,570	170	14,557	52,498	8,996	18,911	31,060	107,527	42,078	149,552	6,368	99	99
		1,430	1,963	252	20,854	61,811	12,880	27,975	35,593	123,833	46,647	170,674	7,761	100	97
		(NA)	(NA)	(NA)	27,406	85,930	14,367	24,513	39,621	129,104	41,570	170,674	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	27,959	87,204	14,081	22,200	36,036	126,115	36,958	163,073	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	35,824	97,947	18,320	38,541	48,449	136,083	45,078	181,161	(NA)	(NA)	(NA)
		2,206	3,432	(NA)	46,462	103,038	29,048	70,741	63,026	226,584	46,831	273,415	(NA)	100	98
		(NA)	3,975	(NA)	37,230	43,960	15,912	(NA)	17,692	104,156	26,010	130,166	(NA)	(NA)	(NA)
		(NA)	3,847	(NA)	24,721	32,671	18,705	(NA)	21,603	109,025	27,517	136,542	(NA)	(NA)	(NA)
		(NA)	3,850	(NA)	26,583	34,895	19,032	(NA)	20,635	100,337	28,048	128,385	(NA)	(NA)	(NA)
		(NA)	3,699	(NA)	26,952	31,563	21,332	(NA)	22,849	122,304	26,959	139,263	(NA)	(NA)	(NA)
		(NA)	4,111	(NA)	(NA)	(NA)	25,217	(NA)	33,656	156,949	35,078	192,027	(NA)	(NA)	(NA)
		(NA)	4,110	(NA)	39,549	59,220	32,184	(NA)	42,399	171,144	39,808	210,952	(NA)	(NA)	(NA)
		(NA)	3,159	(NA)	29,155	47,283	22,120	(NA)	32,611	143,979	40,816	184,795	(NA)	(NA)	(NA)
		(NA)	3,077	(NA)	31,682	49,075	24,915	(NA)	35,046	142,244	44,725	186,969	(NA)	(NA)	(NA)
		(NA)	3,097	(NA)	34,037	48,673	26,852	(NA)	35,040	117,998	46,664	164,662	(NA)	(NA)	(NA)
		(NA)	2,715	(NA)	30,347	44,567	24,066	(NA)	32,630	107,715	51,174	158,889	(NA)	(NA)	(NA)
		(NA)	2,867	(NA)	37,039	44,954	30,247	(NA)	34,002	94,127	42,878	137,005	(NA)	(NA)	(NA)
		(NA)	2,543	(NA)	28,431	20,546	23,011	(NA)	14,841	42,631	17,755	60,386	(NA)	(NA)	(NA)
		(NA)	2,004	(NA)	20,041	13,647	16,114	(NA)	9,779	31,636	11,317	42,953	(NA)	(NA)	(NA)
		(NA)	1,320	(NA)	12,433	7,550	10,101	(NA)	5,549	17,779	6,011	23,790	(NA)	(NA)	(NA)
		(NA)	787	(NA)	8,478	4,659	6,933	(NA)	3,424	10,535	3,340	13,875	(NA)	(NA)	(NA)
2098 (old SIC 2098)	Macaroni and spaghetti:														
		205	214	76	6,825	27,910	4,930	9,597	16,445	67,130	113,813	180,190	5,274	97	98
		(NA)	(NA)	(NA)	7,593	28,842	5,788	10,652	17,229	70,908	101,425	170,820	5,152	97	99
		(NA)	(NA)	(NA)	7,471	27,081	5,615	10,566	15,988	63,748	98,704	149,656	3,245	(NA)	(NA)
		226	233	84	7,058	24,278	5,276	10,216	14,465	52,568	102,570	154,830	2,469	98	95
		(NA)	(NA)	(NA)	7,324	23,684	5,655	11,906	15,272	45,874	104,959	150,833	(NA)	(NA)	(NA)
		(NA)	(NA)	(NA)	7,114	21,061	5,659	12,250	14,355	39,948	100,520	140,468	(NA)	(NA)	(NA)
		219	226	(NA)	8,043	18,763	6,628	14,171	13,134	42,049	70,045	112,094	(NA)	(NA)	(NA)
		(NA)	328	(NA)	8,140	9,351	6,013	(NA)	5,383	19,224	26,929	46,153	(NA)	(NA)	(NA)
		(NA)	319	(NA)	7,436	7,669	6,452	(NA)	5,719	17,523	32,836	50,359	(NA)	(NA)	(NA)
		(NA)	336	(NA)	6,979	7,271	6,005	(NA)	5,306	15,788	31,811	47,599	(NA)	(NA)	(NA)
		(NA)	296	(NA)	6,155	5,275	5,492	(NA)	4,265	15,597	20,385	35,892	(NA)	(NA)	(NA)
		(NA)	309	(NA)	(NA)	(NA)	4,764	(NA)	4,474	15,914	20,311	36,225	(NA)	(NA)	(NA)
		(NA)	353	(NA)	5,964	7,687	5,072	(NA)	5,384	19,738	27,336	47,074	(NA)	(NA)	(NA)
		(NA)	353	(NA)	5,459	7,167	4,587	(NA)	5,071	17,919	27,434	45,353	(NA)	(NA)	(NA)
		(NA)	327	(NA)	(NA)	(NA)	4,560	(NA)	5,026	15,998	27,491	43,489	(NA)	(NA)	(NA)
		(NA)	343	(NA)	4,915	3,972	4,098	(NA)	4,332	12,911	16,646	29,557	(NA)	(NA)	(NA)
		(NA)	409	(NA)	4,645	5,240	3,865	(NA)	3,749	11,049	19,964	31,013	(NA)	(NA)	(NA)
		(NA)	557	(NA)	5,539	5,875	4,543	(NA)	4,168	11,947	25,110	37,057	(NA)	(NA)	(NA)
		(NA)	373	(NA)	4,184	2,389	3,534	(NA)	1,638	4,946	7,938	12,884	(NA)	(NA)	(NA)
2099 (old SIC 2099)	Food preparations, nec:														
		2,415	2,687	695	67,992	302,483	5,744	90,580	168,187	1,066,017	2,368,965	3,432,094	54,191	95	95
		(NA)	2,885	852	85,308	350,295	61,075	122,075	205,222	1,161,998	2,699,184	3,857,376	63,386	94	94
		2,357	2,598	702	71,339	250,039	52,203	102,853	145,789	835,400	2,604,097	3,442,847	38,140	94	86
	1947 <sup>11</sup>	(NA)	2,199	(NA)	59,599	142,522	45,391	(NA)	86,598	392,628	1,202,280	1,600,903	30,356	92	80

NA Not available. <sup>2</sup>Revised.<sup>3</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>4</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>5</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>6</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

## Industry Code

## Value Added (\$1,000)

2097

115,469

2098

50,951

2099

803,002

Footnotes continued on next page.

Footnotes for table 1-201

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2097	28,220	27,811
2098	103,340	98,704
2099	<sup>r</sup> 2,210,255	<sup>r</sup> 2,447,405

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2097	<sup>r</sup> 130,093	143,280
2098	167,510	149,656
2099	<sup>r</sup> 3,220,710	<sup>r</sup> 3,250,254

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>Prior to 1914 "Macaroni and Spaghetti" were included with Food Preparations, NEC; separate figures are not available.

<sup>10</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>11</sup>No comparable figures are available prior to 1947.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New industry 2099—Food preparations, nec.....	<sup>r</sup> 2,687	<sup>r</sup> 695	<sup>r</sup> 67,992	<sup>r</sup> 1,066,017	xxx	xxx	xxx	xxx
Old industry 2099—Food preparations, nec.....	<sup>r</sup> 2,642	<sup>r</sup> 670	<sup>r</sup> 65,448	<sup>r</sup> 1,005,663	<sup>r</sup> 2,925	<sup>r</sup> 862	<sup>r</sup> 81,312	<sup>r</sup> 1,173,897
Old industry 2091—Leavening compounds.....	39	22	2,391	58,809	39	22	2,391	58,809
Other miscellaneous industries <sup>1</sup> .....	6	3	153	1,545	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC and also may include some small establishments whose activities were not precisely described.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2097	Manufactured ice, total.....	1,570	171	14,557	52,498	8,996	18,911	31,060	107,527	149,552	6,368	20,854	115,469	46,462
	New England.....	44	1	302	1,132	193	410	727	2,842	3,996	(2)	405	2,955	1,184
	Massachusetts....	21	1	153	576	97	210	354	1,642	2,065	(2)	224	1,843	626
	Middle Atlantic...	131	15	1,338	5,393	1,054	2,279	4,173	12,277	17,484	(2)	1,785	13,151	4,078
	New York.....	50	11	732	3,137	575	1,272	2,435	6,527	9,505	(2)	968	7,487	1,770
	New Jersey.....	21	2	229	891	171	355	637	2,561	3,679	(2)	295	2,011	609
	Pennsylvania....	60	2	377	1,365	308	652	1,101	3,189	4,300	(2)	521	3,652	1,699
	East North Central	135	19	1,604	7,243	1,020	2,285	4,373	12,999	17,330	929	2,673	16,818	6,458
	Ohio.....	31	5	363	1,518	204	474	831	3,124	4,257	(2)	616	4,231	1,522
	Indiana.....	24	1	243	942	139	335	497	1,231	2,039	(2)	405	1,825	1,412
	Michigan.....	19	4	208	1,150	130	285	573	2,060	2,905	(2)	414	1,983	735
	West North Central	101	15	1,264	4,759	834	1,797	2,865	9,500	12,171	(2)	1,422	8,856	3,691
	Missouri.....	38	7	609	2,261	379	864	1,249	4,877	6,190	(2)	641	4,321	1,344
	Kansas.....	34	4	322	1,006	246	492	761	2,086	2,582	(2)	396	1,927	805
	South Atlantic....	376	39	3,489	10,445	2,006	4,191	5,735	21,493	33,721	1,291	5,188	22,894	10,383
	Maryland.....	20	3	185	724	137	315	529	1,817	2,232	(2)	(3)	(3)	(3)
	Virginia.....	32	5	386	1,185	235	492	659	2,276	2,979	(2)	(3)	(3)	(3)
	North Carolina...	73	3	414	1,019	235	455	586	1,752	3,299	(2)	715	2,426	1,651
	South Carolina..	40	5	338	895	191	359	463	1,973	2,405	(2)	(3)	(3)	(3)
	Georgia.....	88	10	933	2,551	420	840	966	5,512	9,655	(2)	1,391	5,122	2,686
	Florida.....	107	12	1,087	3,548	684	1,488	2,143	7,857	11,218	(2)	1,370	7,353	2,514
	East South Central	213	11	1,337	3,640	846	1,610	2,193	7,080	10,844	605	2,234	8,470	4,813
	Kentucky.....	36	1	227	698	142	284	389	1,129	1,891	(2)	247	1,115	852
	Tennessee.....	46	4	371	1,057	217	423	587	1,995	3,169	(2)	714	2,630	1,690
	Alabama.....	71	2	399	987	263	500	646	2,187	3,270	(2)	778	2,816	1,185
	Mississippi.....	60	4	340	898	224	403	571	1,769	2,514	(2)	493	1,908	1,086
	West South Central	412	34	2,969	9,401	1,687	3,589	4,990	18,116	24,925	826	4,257	21,235	8,410
	Arkansas.....	66	3	379	1,059	178	370	475	1,973	2,942	(2)	486	2,233	979
	Louisiana.....	78	5	533	1,748	365	798	1,088	3,228	4,500	(2)	1,022	4,701	1,528
	Oklahoma.....	59	2	313	1,031	211	442	649	1,843	2,742	(2)	(3)	(3)	(3)
	Texas.....	209	24	1,744	5,563	933	1,979	2,778	11,072	14,741	(2)	(3)	(3)	(3)
	Mountain.....	51	12	771	3,013	504	1,028	1,990	6,965	8,502	(2)	806	5,312	2,107
	Colorado.....	9	2	196	816	133	267	550	1,737	2,147	(2)	206	1,249	360
	Pacific.....	107	25	1,483	7,569	865	1,755	4,069	16,255	21,008	1,526	2,080	15,774	5,338
	California.....	95	22	1,354	6,902	781	1,597	3,675	15,029	19,467	1,503	1,842	14,203	4,702
2098	Macaroni and spaghetti, total...	214	76	6,825	27,910	4,930	9,597	16,445	67,130	180,190	5,274	7,058	50,951	8,043
	New England.....	15	3	447	1,893	312	575	992	5,331	12,979	(2)	381	3,801	340
	Middle Atlantic...	60	25	2,549	11,384	1,813	3,718	6,489	26,586	71,017	1,619	2,833	21,600	3,489
	New York.....	43	16	1,487	6,298	1,075	2,172	3,748	13,189	38,178	722	1,540	11,468	1,846
	New Jersey.....	7	3	531	2,893	350	749	1,536	7,713	19,402	(2)	555	4,983	663
	Pennsylvania.....	10	6	531	2,193	388	797	1,205	5,684	13,437	(2)	737	5,147	980
	East North Central	44	17	1,269	4,290	1,013	1,838	3,060	10,480	31,463	1,206	1,399	8,044	(D)
	Illinois.....	24	9	661	2,237	519	973	1,517	5,351	17,995	603	800	4,697	976
	West North Central	17	8	863	3,290	561	1,073	1,596	8,105	21,719	1,328	878	6,997	(D)
	South.....	21	7	651	2,243	490	979	1,430	5,391	14,048	(2)	(D)	(D)	725
	Louisiana.....	5	3	225	598	182	336	416	1,100	2,741	(2)	(3)	(3)	276
	West.....	57	16	1,046	4,810	741	1,414	2,878	11,237	28,964	(2)	(D)	(D)	930
	Washington.....	5	2	146	677	98	184	379	1,500	3,788	(2)	101	857	95
	California.....	45	11	742	3,475	537	1,031	2,135	8,095	21,356	(2)	723	5,487	689
2099	Food preparations, nec, total.....	2,687	695	67,992	302,483	45,744	90,580	168,187	1,066,017	3,432,094	54,191	(4)	(4)	(4)
	New England.....	153	53	3,697	15,108	2,526	4,949	8,496	41,400	124,601	1,672	(4)	(4)	(4)
	Maine.....	12	5	373	1,184	243	472	625	2,108	7,010	(2)	(4)	(4)	(4)
	Massachusetts....	104	36	2,491	10,853	1,680	3,308	6,031	30,388	95,027	863	(4)	(4)	(4)
	Middle Atlantic...	570	149	17,405	81,751	13,421	24,320	50,484	301,221	1,048,935	14,191	(4)	(4)	(4)
	New York.....	299	82	7,401	33,491	5,212	10,134	20,287	101,731	349,930	4,076	(4)	(4)	(4)
	New Jersey.....	86	31	6,222	33,096	4,555	9,033	21,760	163,620	595,659	7,550	(4)	(4)	(4)
	Pennsylvania.....	185	36	3,782	15,148	2,654	5,153	8,437	35,870	103,346	2,665	(4)	(4)	(4)
	East North Central	542	157	15,362	71,092	10,319	20,688	39,216	253,100	676,605	9,863	(4)	(4)	(4)
	Ohio.....	150	39	3,699	15,744	2,478	4,970	8,739	40,121	143,179	2,132	(4)	(4)	(4)
	Indiana.....	57	16	1,585	7,069	1,164	2,307	4,172	18,883	45,698	1,344	(4)	(4)	(4)
	Illinois.....	189	71	7,077	35,264	4,632	9,362	18,856	161,417	412,361	4,518	(4)	(4)	(4)
	Michigan.....	100	21	2,000	8,839	1,263	2,496	4,527	17,878	46,958	1,261	(4)	(4)	(4)
	Wisconsin.....	46	10	1,001	4,176	782	1,553	2,922	14,801	28,409	608	(4)	(4)	(4)
	West North Central	191	56	4,601	20,815	2,865	5,849	9,999	60,207	222,159	2,137	(4)	(4)	(4)
	Minnesota.....	33	11	813	3,649	566	1,097	1,836	9,024	32,251	(2)	(4)	(4)	(4)
	Iowa.....	30	8	566	2,254	384	766	1,143	5,901	12,234	(2)	(4)	(4)	(4)
	Missouri.....	75	26	2,377	11,752	1,298	2,738	5,157	31,598	121,189	1,057	(4)	(4)	(4)
	Kansas.....	28	6	382	1,389	284	568	891	3,666	10,725	(2)	(4)	(4)	(4)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2099	Food preparations, nec—Continued													
	South Atlantic.....	303	78	6,662	27,617	4,273	8,401	13,291	95,017	303,908	6,972	(4)	(4)	(4)
	Maryland.....	44	13	1,062	6,261	607	1,268	2,064	16,129	62,581	1,051	(4)	(4)	(4)
	Virginia.....	46	17	1,453	5,704	937	1,891	2,964	23,635	62,402	(2)	(4)	(4)	(4)
	North Carolina..	46	13	627	2,004	445	820	1,237	5,853	15,015	(2)	(4)	(4)	(4)
	South Carolina..	26	...	117	253	98	156	196	2,452	6,824	(2)	(4)	(4)	(4)
	Georgia.....	47	17	1,776	6,912	1,188	2,309	3,414	19,033	44,121	3,409	(4)	(4)	(4)
	Florida.....	65	9	990	3,960	711	1,446	2,520	21,937	90,407	1,311	(4)	(4)	(4)
	East South Central	125	25	2,584	9,953	1,516	3,124	4,485	29,194	99,983	1,704	(4)	(4)	(4)
	Kentucky.....	32	4	863	3,303	531	1,090	1,741	9,418	35,980	(2)	(4)	(4)	(4)
	Tennessee.....	50	11	927	3,306	529	1,117	1,474	11,135	37,625	(2)	(4)	(4)	(4)
	West South Central	300	71	6,969	25,847	4,890	9,911	15,725	117,993	422,326	9,628	(4)	(4)	(4)
	Arkansas.....	19	3	181	549	115	210	312	1,234	3,264	(2)	(4)	(4)	(4)
	Louisiana.....	59	20	1,744	7,104	966	1,902	3,133	31,909	107,126	1,554	(4)	(4)	(4)
	Oklahoma.....	37	5	703	2,193	437	920	1,245	7,130	24,083	(2)	(4)	(4)	(4)
	Texas.....	185	43	4,341	16,001	3,372	6,879	11,035	77,720	287,853	7,751	(4)	(4)	(4)
	Mountain.....	129	24	1,651	5,691	1,206	2,224	3,269	13,860	33,275	916	(4)	(4)	(4)
	Idaho.....	7	3	131	490	77	121	173	950	2,390	(2)	(4)	(4)	(4)
	Colorado.....	48	7	675	2,349	497	951	1,417	5,440	14,438	(2)	(4)	(4)	(4)
	New Mexico.....	16	4	209	533	164	313	341	1,529	3,602	(2)	(4)	(4)	(4)
	Utah.....	19	6	340	1,351	237	425	687	3,640	7,680	(2)	(4)	(4)	(4)
	Pacific.....	<sup>r</sup> 374	<sup>r</sup> 82	<sup>r</sup> 9,061	<sup>r</sup> 44,625	<sup>r</sup> 5,725	<sup>r</sup> 11,114	<sup>r</sup> 23,222	<sup>r</sup> 154,025	<sup>r</sup> 500,302	7,008	(4)	(4)	(4)
	Washington.....	41	<sup>r</sup> 8	<sup>r</sup> 758	<sup>r</sup> 3,024	<sup>r</sup> 480	<sup>r</sup> 868	<sup>r</sup> 1,753	<sup>r</sup> 9,186	<sup>r</sup> 22,708	(2)	(4)	(4)	(4)
	Oregon.....	20	<sup>r</sup> 4	<sup>r</sup> 434	<sup>r</sup> 2,122	<sup>r</sup> 260	<sup>r</sup> 475	<sup>r</sup> 915	<sup>r</sup> 6,899	<sup>r</sup> 31,902	(2)	(4)	(4)	(4)
	California.....	313	70	7,869	39,479	4,985	9,771	20,554	137,940	445,692	6,370	(4)	(4)	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2097, Manufactured Ice: New England—Maine, 3 (1-19); New Hampshire, 1 (1-19); Vermont, 2 (1-19); Rhode Island, 8 (20-99); Connecticut, 9 (20-99); East North Central—Illinois, 55 (500-999); Wisconsin, 6 (20-99); West North Central—Minnesota, 3 (20-99); Iowa, 13 (100-249); South Dakota, 4 (20-99); Nebraska, 9 (20-99); South Atlantic—Delaware, 4 (20-99); District of Columbia, 2 (20-99); West Virginia, 10 (20-99); Mountain—Montana, 1 (1-19); Idaho, 4 (1-19); Wyoming, 4 (1-19); New Mexico, 9 (20-99); Arizona, 17 (250-499); Utah, 5 (100-249); Nevada, 2 (20-99); Pacific—Washington, 7 (100-249); Oregon, 5 (1-19).

SIC 2098, Macaroni and Spaghetti: New England—Massachusetts, 11 (250-499); Rhode Island, 2 (1-19); Connecticut, 2 (100-249); East North Central—Ohio, 12 (20-99); Indiana, 1 (250-499); Michigan, 6 (100-249); Wisconsin, 1 (20-99); West North Central—Minnesota, 6 (100-249); Iowa, 3 (20-99); Missouri, 4 (100-249); Nebraska, 2 (250-499); Kansas, 2 (100-249); South—Maryland, 4 (20-99); District of Columbia, 1 (1-19); Virginia, 1 (1-19); Georgia, 1 (1-19); Florida, 2 (20-99); Kentucky, 1 (100-249); Tennessee, 1 (100-249); Texas, 5 (20-99); West—Colorado, 1 (20-99); Arizona, 1 (1-19); Utah, 2 (20-99); Oregon, 3 (20-99).

SIC 2099, Food Preparations, NEC: New England—New Hampshire, 7 (100-249); Vermont, 7 (100-249); Rhode Island, 8 (250-499); Connecticut, 15 (250-499); West North Central—North Dakota, 1 (1-19); South Dakota, 5 (1-19); Nebraska, 19 (250-499); South Atlantic—Delaware, 4 (20-99); District of Columbia, 12 (250-499); West Virginia, 13 (20-99); East South Central—Alabama, 29 (500-999); Mississippi, 14 (20-99); Mountain—Montana, 8 (20-99); Wyoming, 2 (1-19); Arizona, 27 (100-249); Nevada, 2 (1-19).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report). 1958, 1954 and 1947 data based on the previous Standard Industrial Classification system are shown in table 2A.



Table 2A.—General Statistics by Regions and States on Old SIC System, 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2099	Food preparations, nec, total.....	r2,925	r862	r85,308	r350,295	r61,075	r122,075	r205,222	r1,161,998	r3,857,376	63,386	r71,339	r804,897	59,599
	New England.....	r167	r55	r3,897	r15,554	r2,725	r5,562	r9,039	r42,683	r125,873	r1,786	r4,169	r30,787	r2,777
	Maine.....	12	5	502	r1,517	369	777	977	r2,700	r7,871	(2)	899	r5,627	(D)
	Massachusetts....	109	37	r2,657	r11,281	r1,809	r3,732	r6,408	r31,356	r97,046	r916	r2,618	r18,794	r2,027
	Connecticut.....	16	6	329	r1,454	225	450	874	r4,662	r10,738	(2)	348	r3,928	235
	Middle Atlantic...	623	176	r19,625	r86,602	r14,429	r29,009	r54,690	r305,229	r1,081,737	r16,630	r17,303	r260,580	r12,432
	New York.....	324	97	r7,825	r33,892	r5,582	r11,300	r20,287	r98,702	r357,709	r3,993	r8,058	r93,930	r6,744
	New Jersey.....	92	27	r5,961	r31,149	r4,391	r8,908	r20,740	r156,650	r582,540	r7,452	r4,908	r139,051	r2,906
	Pennsylvania.....	207	52	r5,829	r21,561	r4,456	r8,801	r13,663	r49,877	r141,488	r5,185	r4,336	r27,599	r2,725
	East North Central	561	177	r16,258	r71,905	r11,160	r22,862	r39,599	r249,170	r695,604	r10,040	r14,765	r152,129	r13,076
	Ohio.....	149	44	r4,071	r16,928	r2,808	r5,729	r9,652	r50,316	r161,105	r2,188	r3,776	r31,601	r4,217
	Indiana.....	63	21	r1,862	r7,888	r1,400	r2,769	r4,789	r21,032	r53,101	r1,537	r1,249	r14,455	656
	Illinois.....	205	82	r7,481	r35,256	r4,996	r10,338	r18,454	r151,863	r412,073	r4,549	r6,808	r87,946	r6,001
	Michigan.....	103	23	r2,142	r9,314	r1,396	r2,893	r4,949	r18,613	r51,716	r1,277	r2,175	r12,279	r1,535
	Wisconsin.....	41	7	r702	r2,519	560	r1,133	r1,755	r7,346	r17,609	(2)	r755	r5,847	667
	West North Central	r258	r114	r11,675	r39,925	r9,237	r18,035	r25,182	r104,497	r437,668	r3,932	r8,712	r57,172	r10,254
	Minnesota.....	39	16	r1,509	r5,993	r1,200	r2,561	r3,825	r16,636	r52,506	606	r1,407	r11,720	r1,501
	Iowa.....	41	19	r1,730	r5,471	r1,422	r2,704	r3,683	r14,215	r47,365	(2)	r789	r5,003	r1,746
	Missouri.....	98	47	r5,309	r18,297	r4,042	r7,823	r10,750	r41,737	r200,069	r1,400	r3,664	r23,401	r3,705
	Kansas.....	32	11	620	r2,113	475	972	r1,334	r9,278	r23,017	359	465	r4,102	r1,269
	South Atlantic....	r337	r98	r10,006	r38,323	r7,125	r15,501	r21,419	r125,792	r400,292	r9,355	r7,981	r82,720	r5,812
	Maryland.....	50	17	r2,460	r10,583	r1,867	r3,954	r5,623	r26,106	r93,335	r1,949	r1,855	r18,218	841
	Virginia.....	49	19	r2,247	r7,991	r1,632	r3,186	r4,644	r30,843	r81,109	r759	r1,009	r10,447	625
	North Carolina...	50	17	r995	r3,104	r748	r1,392	r1,997	r8,152	r23,475	(2)	r2,357	r16,749	r1,743
	South Carolina...	26	...	r117	r253	98	r154	r196	r2,452	r6,824	(2)	85	r1,432	(D)
	Georgia.....	50	r20	r1,917	r7,535	r1,286	r2,590	r3,763	r22,905	r51,718	r3,555	r1,622	r12,920	r1,295
	Florida.....	r70	r13	r1,595	r6,191	r1,175	r2,651	r4,232	r29,157	r120,640	r1,960	600	r19,495	412
	East South Central	r134	r31	r3,233	r12,558	r2,028	r4,177	r6,144	r36,821	r124,717	r2,137	r2,789	r29,078	r2,082
	Kentucky.....	34	7	r1,235	r5,145	r813	r1,692	r2,943	r16,779	r55,636	593	920	r9,155	328
	Tennessee.....	55	12	r1,110	r3,742	671	r1,344	r1,657	r10,941	r40,768	553	950	r8,809	r1,134
	Alabama.....	30	11	831	r3,544	496	r1,070	r1,436	r8,807	r27,402	963	766	r7,546	561
	West South Central	318	84	r8,767	r30,582	r6,484	r12,617	r19,500	r129,319	r459,856	r10,858	r6,254	r73,552	r6,274
	Arkansas.....	22	6	r1,030	r2,807	895	r1,626	r2,284	r3,385	r16,956	(2)	283	r1,110	147
	Louisiana.....	62	20	r1,798	r7,106	r1,021	r2,020	r3,202	r31,963	r107,773	r1,560	r1,432	r11,411	r1,342
	Oklahoma.....	40	7	r864	r2,592	584	r1,186	r1,596	r10,004	r28,828	627	581	r5,300	722
	Texas.....	194	51	r5,075	r18,077	r3,984	r7,785	r12,418	r83,967	r306,299	r8,412	r3,957	r55,730	r4,063
	Mountain.....	r136	r26	r2,037	r6,798	r1,555	r3,014	r4,298	r15,089	r37,178	r992	r1,118	r8,521	920
	Idaho.....	r8	r4	r362	r1,139	r302	r578	r787	r2,107	r4,656	(2)	56	r2,114	(D)
	Colorado.....	48	7	r671	r2,316	483	985	r1,397	r5,397	r14,286	(2)	619	r3,793	544
	New Mexico.....	16	4	r209	r533	164	300	r341	r1,487	r3,602	(2)	83	r395	(D)
	Arizona.....	28	5	r361	r1,175	289	539	r855	r1,941	r5,618	(2)	107	r449	(D)
	Utah.....	20	6	r356	r1,386	253	492	r708	r3,686	r7,841	(2)	189	r1,475	138
	Pacific.....	r391	r101	r10,814	r51,728	r7,199	r14,272	r28,256	r165,297	r539,507	r7,902	r8,244	r110,353	r5,972
	Washington.....	42	9	r855	r3,820	542	r1,142	r2,169	r11,662	r26,469	(2)	728	r5,739	489
	Oregon.....	r22	r5	r598	r2,959	r415	r808	r1,413	r7,967	r34,800	(2)	674	r6,329	367
	California.....	327	87	r9,361	r45,225	r6,242	r12,322	r24,674	r145,668	r478,238	r7,187	r6,840	r98,284	r5,116

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. r Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2099, Food Preparations, NEC: New England—New Hampshire, 7 (100-249); Vermont, 7 (100-249); Rhode Island, 8 (100-249); West North Central—North Dakota, 2 (20-99); South Dakota, 8 (250-499); Nebraska, 28 (1,694); South Atlantic—Delaware, 4 (20-99); District of Columbia, 12 (250-499); West Virginia, 14 (100-249); East South Central—Mississippi, 11 (20-99); Mountain—Montana, 8 (20-99); Wyoming, 2 (1-19); and Nevada, 2 (1-19).

<sup>2</sup>Less than \$500 thousand.

Table 3.-Detailed Statistics for the United States: 1958

Item	Manufactured ice (SIC 2097)	Macaroni and spaghetti (SIC 2098)	Food preparation, nec (SIC 2099)
Primary product specialization ratio <sup>1</sup> .....	99	97	95
Coverage ratio <sup>2</sup> .....	99	98	95
Number of establishments, total.....	r1,570	214	r2,687
With 1-19 employees.....	r1,400	138	1,992
With 20-99 employees.....	167	55	r544
With 100 employees or more.....	r3	21	r151
Proprietors and working partners.....Number..	916	179	1,711
All employees:			
Number (average for the year).....	r14,557	6,825	r67,992
Payroll.....\$1,000..	r52,498	27,910	r302,483
Production workers:			
Number (average for the year).....	r8,996	4,930	r45,744
March.....	r7,314	5,032	r43,907
May.....	r9,400	4,808	r45,559
August.....	r11,338	4,838	r46,532
November.....	r7,893	5,042	r47,080
Man-hours.....1,000..	r18,911	9,597	r90,580
January-March.....do....	r3,732	2,510	r21,782
April-June.....do....	r5,085	2,272	r22,658
July-September.....do....	r6,091	2,265	r22,632
October-December.....do....	r4,003	2,549	r23,508
Wages.....\$1,000..	r31,060	16,445	r168,187
Cost of materials, etc., total.....do....	r42,078	113,813	r2,368,965
Materials, parts, containers, and supplies consumed.....do....	r15,778	100,483	r2,189,318
Cost of resales.....do....	r14,691	10,473	158,710
Fuels consumed.....do....	r1,224	724	r9,934
Electricity purchased.....do....	r9,999	1,243	r7,158
Contract work.....do....	r386	949	3,845
Value of shipments (including resales), total.....do....	r149,552	180,190	r3,432,094
Value of resales.....do....	r19,459	12,680	211,384
Value added by manufacture, adjusted.....do....	r107,527	67,130	r1,066,017
Manufacturers' inventories:			
Beginning of year, total.....do....	4,283	11,976	r285,554
Finished products.....do....	2,741	4,669	r107,268
Work-in-process.....do....	62	632	16,378
Materials, supplies, fuel, etc.....do....	1,480	6,675	r161,908
End of year, total.....do....	r4,352	r12,922	r274,199
Finished products.....do....	r2,942	5,426	r114,652
Work-in-process.....do....	r53	601	11,882
Materials, supplies, fuel, etc.....do....	r1,357	6,895	r147,665
Expenditures for plant and equipment, total.....do....	r7,559	5,415	55,145
New, total.....do....	r6,368	5,274	54,191
New structures and additions to plant.....do....	r3,395	1,566	18,424
New machinery and equipment.....do....	r2,973	3,708	35,767
Used plant and equipment.....do....	r1,190	141	954

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2097	Manufactured ice:											
	Number of establishments.....	1,570	<sup>r</sup> 679	423	298	147	20	<sup>r</sup> 3	...	...	...	...
	All employees:											
	Number.....	<sup>r</sup> 14,557	<sup>r</sup> 1,540	2,836	4,053	4,395	1,308	<sup>r</sup> 425	...	...	...	...
	Payroll.....\$1,000..	<sup>r</sup> 52,498	<sup>r</sup> 5,041	9,006	14,028	17,058	5,722	<sup>r</sup> 1,643	...	...	...	...
	Value added, adjusted..do....	<sup>r</sup> 107,527	<sup>r</sup> 11,798	17,736	28,357	35,579	10,544	<sup>r</sup> 3,513	...	...	...	...
	Value of shipments.....do....	<sup>r</sup> 149,552	<sup>r</sup> 17,907	26,303	40,001	46,438	13,344	<sup>r</sup> 5,559	...	...	...	...
	Capital expend., new...do....	<sup>r</sup> 6,368	724	969	1,246	2,057	1,250	<sup>r</sup> 122	...	...	...	...
2098	Macaroni and spaghetti:											
	Number of establishments.....	214	78	35	25	35	20	18	3	...	...	...
	All employees:											
	Number.....	6,825	155	233	326	1,133	1,400	2,709	869	...	...	...
	Payroll.....\$1,000..	27,910	432	657	1,142	4,072	5,896	11,463	4,248	...	...	...
	Value added, adjusted..do....	67,130	1,030	1,498	2,547	8,988	14,876	27,736	10,455	...	...	...
	Value of shipments.....do....	180,190	9,635	3,952	6,402	23,710	36,356	71,139	28,996	...	...	...
	Capital expend., new...do....	5,274	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	962	574	2,585	737	...	...	...
2099	Food preparations, nec:											
	Number of establishments.....	<sup>r</sup> 2,687	999	571	422	394	150	<sup>r</sup> 114	29	7	1	...
	All employees:											
	Number.....	<sup>r</sup> 67,992	2,128	3,786	5,734	12,135	10,162	<sup>r</sup> 17,656	10,380	<u>6,011</u>	(D)	...
	Payroll.....\$1,000..	<sup>r</sup> 302,483	5,951	12,199	21,111	49,979	44,542	<sup>r</sup> 83,321	55,384	<u>29,996</u>	(D)	...
	Value added, adjusted..do....	<sup>r</sup> 1,066,017	22,358	31,438	56,223	136,547	143,133	<sup>r</sup> 293,175	234,237	<u>148,906</u>	(D)	...
	Value of shipments.....do....	<sup>r</sup> 3,432,094	51,364	94,396	187,550	516,452	421,093	<sup>r</sup> 976,504	627,638	<u>557,097</u>	(D)	...
	Capital expend., new...do....	54,191	3,535	2,803	2,490	5,449	8,360	10,521	9,403	<u>11,630</u>	(D)	...

Note: Detailed figures may not add to the totals because of independent rounding.  
<sup>1</sup>Less than \$500 thousand.

<sup>r</sup>Revised.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
						Col. E Col. B+C (percent)				Col. G Col. F (percent)
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	(E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	(I)
2097	Manufactured ice.....1958..	149,552	113,858	951	34,743	99	115,229	113,858	1,371	99
	.....1954..	170,674	128,472	559	41,643	100	132,979	128,472	4,507	97
2098	Macaroni and spaghetti.....1958..	180,190	162,033	4,538	13,619	97	165,257	162,033	3,224	98
	.....1954..	154,830	143,684	2,558	8,588	98	151,136	143,684	7,452	95
2099	Food preparations, nec.....1958..	3,432,094	3,060,268	150,317	221,509	95	3,235,428	3,060,268	175,160	95
	.....1954 <sup>3</sup> ..	3,442,847	3,057,302	163,285	222,260	94	3,548,761	3,057,302	491,459	86

<sup>r</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in Tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>1954 is not completely comparable to 1958 because of changes in the industry definition (See table 1A and introductory text).

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Manufactured ice industry	Manufactured ice (SIC 2097)	Other industries	All industries		
20970	Total shipments and receipts of the industry.....	<sup>r</sup> 149,552	xxx	xxx		
	Manufactured ice.....	<sup>r</sup> 113,858	1,371	<sup>r</sup> 115,229		
	Secondary products.....	951	xxx	xxx		
	Miscellaneous receipts.....	34,743	xxx	xxx		
	Natural ice.....	1,216	xxx	xxx		
	Commission work on materials owned by others.....	1,767	xxx	xxx		
	Cold storage.....	<sup>r</sup> 12,301	xxx	xxx		
	Resales.....	<sup>r</sup> 19,459	xxx	xxx		
Prod. class code	Macaroni and spaghetti industry	Macaroni and spaghetti (SIC 2098)	Other industries	All industries		
20980	Total shipments and receipts of the industry.....	180,190	xxx	xxx		
	Macaroni and noodle products.....	162,033	3,224	165,257		
	Secondary products.....	4,538	xxx	xxx		
	Miscellaneous receipts, total.....	13,619	xxx	xxx		
	Resales.....	12,680	xxx	xxx		
	Other receipts including commission receipts.....	939	xxx	xxx		
Prod. class code	Food preparatory industry	Food preparations, nec (SIC 2099)	Canned specialties (SIC 2032)	Canned fruits and vegetables (SIC 2033)	Other industries	All industries
	Total shipments and receipts of the industry.....	<sup>r</sup> 3,432,094	xxx	xxx	xxx	xxx
	Primary products.....	<sup>r</sup> 3,060,268	4,597	19,218	151,345	<sup>r</sup> 3,235,428
20991	Desserts (ready-to-mix).....	130,127	(D)	(D)	7,529	138,763
20992	Chips (potato, corn, etc.).....	281,231	xxx	(D)	(D)	<sup>1</sup> 294,306
20993	Sweetening sirups and molasses.....	57,726	(D)	(D)	<sup>2</sup> 30,804	90,062
20994	Baking powder and yeast.....	80,203	xxx	xxx	2,846	83,049
20995	Roasted coffee.....	1,767,663	xxx	(D)	(D)	1,768,243
20996	Vinegar and cider.....	28,983	2,499	7,936	4,791	44,209
20998	Other chocolate and cocoa products.....	32,839	(D)	(D)	<sup>3</sup> 16,635	50,089
20999	Other food preparations, nec.....	<sup>r</sup> 606,706	948	8,875	<sup>4</sup> 73,232	<sup>r</sup> 689,761
20990	Miscellaneous foods, nsk.....	74,790	xxx	(D)	(D)	76,946
	Secondary products.....	150,317	xxx	xxx	xxx	xxx
	Concentrated milk.....	7,915	xxx	xxx	xxx	xxx
20331	Canned fruits.....	2,696	xxx	xxx	xxx	xxx
20332	Canned vegetables.....	1,881	xxx	xxx	xxx	xxx
20334	Canned fruit juices.....	1,056	xxx	xxx	xxx	xxx
20338	Jams, jellies and preserves.....	9,176	xxx	xxx	xxx	xxx
20340	Dried and dehydrated fruits and vegetables.....	1,367	xxx	xxx	xxx	xxx
20352	Pickles and other pickle products.....	1,649	xxx	xxx	xxx	xxx
20353	Meat sauces (except tomato) and unfinished pickles.....	3,239	xxx	xxx	xxx	xxx
20354	Salad dressings, mayonnaise and sandwich spread.....	17,216	xxx	xxx	xxx	xxx
20455	Prepared flour and flour mixes.....	8,270	xxx	xxx	xxx	xxx
2051-	Bread and related products.....	1,606	xxx	xxx	xxx	xxx
2052-	Biscuit, crackers, and pretzels.....	4,389	xxx	xxx	xxx	xxx
20716	Salted nuts and other confectionery type products.....	17,134	xxx	xxx	xxx	xxx
20871	Flavoring extracts, emulsions and other liquid flavors.....	12,214	xxx	xxx	xxx	xxx
20874	Other flavoring agents, except chocolate sirup.....	6,457	xxx	xxx	xxx	xxx
20961	Shortening and cooking oils.....	3,308	xxx	xxx	xxx	xxx
28993	Essential oils.....	1,495	xxx	xxx	xxx	xxx
	Other secondary products.....	49,249	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	221,509	xxx	xxx	xxx	xxx
	Natural ice.....	xxx	xxx	xxx	xxx	xxx
	Nonmanufacturing products and receipts.....	6,446	xxx	xxx	xxx	xxx
	Commission work on materials owned by others.....	2,317	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,362	xxx	xxx	xxx	xxx
	Resales.....	211,384	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>Includes approximately \$12 million shipped by plants in Industry Group 205, Bakery Products.

<sup>2</sup>Includes \$26 million shipped by plants in Industry 2046, Wet Corn Milling, and \$4 million shipped by plants in Industry 2035, Pickles and Sauces.

<sup>3</sup>Includes approximately \$6 million shipped by plants in Industry 2087, Flavorings.

<sup>4</sup>Includes the following amounts: \$16 million shipped by plants in Industry 2035, Pickles and Sauces; \$17 million shipped by plants in Industry 2071, Confectionery Products; and \$2 million shipped by plants in Industry 2087 Flavorings.



Table 6A -Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2097---	Manufactured ice, total.....	.....	xxx	<sup>r</sup> 115,229	xxx	132,979
2097011	Can or block ice.....	1,000 tons.	10,043	71,836	14,911	90,506
2097051	Cubed, crushed, or other processed ice.....	..do.....	1,223	16,889	1,453	18,412
2097000	Manufactured ice, nsk.....	.....	xxx	<sup>r</sup> 26,504	xxx	24,061
2098---	Macaroni and spaghetti, total.....	.....	xxx	165,257	xxx	151,136
2098011	Macaroni, spaghetti, vermicelli, and other macaroni products of all shapes, sizes, and types, except canned.....	1,000 lbs..	796,208	125,254	733,219	113,792
2098051	Noodle products of all shapes, sizes, and types, except canned.....	..do.....	142,879	30,521	141,727	32,205
2098000	Macaroni and spaghetti, nsk.....	.....	xxx	9,482	xxx	5,139
2099---	Food preparations, nec, total.....	.....	xxx	<sup>r</sup> 3,235,428	xxx	3,037,973
20991--	Desserts (ready-to-mix).....	.....	xxx	138,763	xxx	123,116
2099111	Cornstarch base.....	1,000 lbs..	159,349	55,714	126,309	36,377
2099151	Gelatin base.....	..do.....	188,553	57,834	185,733	64,821
2099198	Other.....	..do.....	62,880	25,215	68,924	21,918
20992--	Chips (potato, corn, etc.).....	.....	xxx	294,306	xxx	183,334
2099211	Potato chips.....	1,000 lbs..	424,556	263,326	298,151	165,772
2099261	Corn chips.....	..do.....	62,706	30,980	38,978	17,562
20993--	Sweetening sirups and molasses.....	.....	xxx	90,062	xxx	78,157
2099311	Containing corn sirup.....	1,000 lbs..	433,015	50,403	481,547	46,302
2099351	Not containing corn sirup.....	..do.....	256,195	39,659	234,227	31,855
20994--	Baking powder and yeast.....	.....	xxx	83,049	xxx	70,264
2099411	Baking powder <sup>1</sup> :					
2099415	Consumer sizes (less than 5 lbs.).....	1,000 lbs..	38,396	6,571	46,956	7,513
	Commercial sizes (5 lbs. and over).....	..do.....	21,680	3,110	32,231	4,190
2099421	Compressed yeast:					
2099425	Consumer sizes (2 oz. and under).....	..do.....	<sup>r</sup> 6,138	3,994	7,432	4,090
	Commercial sizes.....	..do.....	<sup>r</sup> 278,400	45,715	258,433	38,765
2099433	Active dry yeast:	1,000 lbs.				
2099435	Consumer sizes (4 oz. or less).....	(dry basis)	(D)	(D)	} 11,408	9,583
	Commercial sizes.....	..do.....	(D)	(D)		
2099453	Brewers' yeast:					
2099455	For food purposes.....	..do.....	25,996	2,053	} 35,591	3,544
	For feed purposes.....	..do.....	18,383	1,348		
2099461	Primary grown yeast, including torule:					
2099465	For food purposes.....	..do.....	(D)	(D)	} 6,034	2,579
	For feed purposes.....	..do.....	(D)	(D)		
2099471	Extracts and other yeast products.....	1,000 lbs..	13,263	1,374	6,034	2,579
2099400	Baking powder and yeast, nsk.....	.....	xxx	(D)	...	...
20995--	Roasted coffee.....	.....	xxx	1,768,243	xxx	1,886,736
2099511	Whole bean.....	1,000 lbs..	409,301	279,553	358,349	317,380
2099515	Ground.....	..do.....	1,408,796	1,087,591	1,254,549	1,242,279
2099523	Concentrated coffee:					
2099525	Liquid and frozen:					
	Pure coffee extract.....	1,000 gals.	} 612	4,990	367	3,114
	Containing added carbohydrates.....	..do.....				
2099533	Powdered:					
2099535	Pure coffee extract.....	1,000 lbs..	} 152,349	396,109	{ 74,990	318,859
	Containing added carbohydrates.....	..do.....				
20996--	Vinegar and cider.....	.....	xxx	44,209	xxx	41,495
2099611	Cider.....	1,000 gals.	17,426	5,273	12,070	5,739
2099652	Vinegar, fermented (equivalent to 40 grain):					
2099653	Consumer sizes (1 gallon or less).....	..do.....	23,098	12,901	} 43,862	15,319
	Larger sizes.....	..do.....	23,212	4,550		
2099654	Vinegar, distilled (equivalent to 100 grain):					
2099656	Consumer sizes (1 gallon or less).....	..do.....	7,936	6,521	} 64,990	13,645
	Larger sizes.....	..do.....	37,359	6,472		
2099657	Vinegar stock.....	..do.....	14,802	2,366	19,202	3,727
2099600	Vinegar and cider, nsk.....	.....	xxx	6,126	xxx	3,065

See footnotes at end of table.

Table 6A -Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954-Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2099---	Food preparations, nec--Continued					
20998--	Chocolate and cocoa products, except confectionery, made from purchased chocolate <sup>2</sup> .....	.....	xxx	50,089	xxx	47,374
20999--	Other food preparations, nec.....	.....	xxx	<sup>r</sup> 689,761	xxx	578,445
2099911	Coconut, desicated or shredded.....	1,000 lbs..	31,224	14,550	54,396	15,011
2099925	Blended honey.....	...do.....	32,882	8,092	10,144	1,853
	Ground spices and meat seasoning:					
2099935	Pepper, white and black.....	...do.....	28,298	19,862	20,683	29,852
2099937	Other ground spices and meat seasoning.....	.....	xxx	90,357	xxx	56,561
2099945	Peanut butter.....	1,000 lbs..	331,413	129,765	270,646	96,161
2099951	Pectin (100 grade, dry basis).....	...do.....	10,497	9,105	7,933	5,940
2099955	Maple sirup, pure.....	1,000 gals.	2,373	5,548	(NA)	2,718
	Perishable prepared foods, sold in bulk or packaged (not frozen):					
2099963	Salads.....	.....	xxx	16,091	xxx	7,861
2099965	Sandwiches.....	1,000 dozen	10,570	18,200	42,937	25,458
2099967	Julienne style potatoes (including French fried).....	1,000 lbs..	<sup>r</sup> 18,986	<sup>r</sup> 6,016	10,021	4,226
2099968	Popcorn, except candied, and other cooked foods.....	.....	xxx	44,959	xxx	43,258
2099981	Tea, packaged.....	1,000 lbs..	96,480	134,424	103,773	105,912
2099900	Other food preparations, nec, nsk.....	.....	xxx	192,792	xxx	183,634
2099000	Miscellaneous foods, nsk.....	.....	xxx	76,946	xxx	29,052

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

NA Not available.

<sup>1</sup>Does not include quantities of baking powder manufactured by wholesale grocers classified in SIC Industry Group 5042, Groceries and Food Specialties; no statistics were obtained in the 1958 Census of Manufactures on the amount of baking powder manufactured in such establishments.

<sup>2</sup>Includes cooking and baking chocolate, powdered cocoa, and chocolate sirups made from purchased chocolate. Chocolate products made in establishments that grind cocoa beans are included in Industry 2072. Figures on total shipments of specific chocolate products irrespective of where made are included in table 6A for Industry 2072.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Desserts (ready-to-mix)</b> (20991):			<b>Chips (potato, corn, etc.)</b> (20992)--Continued			<b>Roasted coffee (20995):</b> United States, total:		
United States, total:						1958.....	1,768,243	
1958.....	158,763		East South Central.....	11,809		1957.....	1,846,937	
1957.....	128,506		Tennessee.....	5,854		1956.....	1,886,840	
1956.....	127,291		West South Central.....	30,327		1955.....	1,741,297	
1955.....	122,361		Oklahoma.....	2,909		1954.....	1,886,736	
1954.....	123,116		Texas.....	24,252		1953.....	1,683,458	
1953.....	121,304		Mountain.....	11,900		1952.....	1,568,927	
1952.....	102,367		Colorado.....	4,309		1951.....	1,500,054	
1951.....	93,852		Arizona.....	1,699		1950.....	1,263,295	
1947.....	79,658		Pacific.....	40,425		1947.....	755,125	
1958 <sup>1</sup>	1954		California.....	33,058			1958 <sup>1</sup>	1954
Middle Atlantic.....	64,146	66,756				New England.....	36,897	56,221
New York.....	32,212	41,489				Massachusetts.....	35,232	53,780
New Jersey.....	31,659	25,032				Middle Atlantic.....	652,608	673,102
East North Central.....	46,615	34,787				New York.....	171,336	202,503
Illinois.....	42,867	29,958				New Jersey.....	453,553	427,543
Pacific.....	15,426	17,103				Pennsylvania.....	27,719	43,056
<b>Chips (potato, corn, etc.)</b> (20992):			<b>Sweetening sirups and molasses (20993):</b> United States, total:			East North Central.....	208,837	264,766
United States, total:			1958.....	90,062		Ohio.....	67,072	82,133
1958.....	294,306		1957.....	81,681		Illinois.....	130,853	168,556
1957.....	183,334		1956.....	79,562		Michigan.....	9,245	10,832
1956.....	183,334		1955.....	76,074				
1947.....	87,053		1954.....	78,157		West North Central.....	134,155	138,973
	1958 <sup>1</sup>		1947.....	91,491		Minnesota.....	10,735	10,805
New England.....	12,758					Missouri.....	81,519	81,204
Middle Atlantic.....	52,176					South Atlantic.....	138,495	143,411
Pennsylvania.....	37,601					Maryland.....	27,839	32,756
East North Central.....	80,342					District of Columbia.....	13,864	16,950
Ohio.....	25,281					Virginia.....	7,137	10,175
Indiana.....	9,829					Georgia.....	7,266	8,961
Illinois.....	17,174					Florida.....	75,931	66,495
Michigan.....	19,722					East South Central.....	31,154	59,879
Wisconsin.....	8,336					Tennessee.....	21,479	27,652
West North Central.....	24,589		<b>Baking powder and yeast</b> (20994):			West South Central.....	296,119	242,015
Minnesota.....	6,895		United States, total:			Louisiana.....	84,154	47,327
Iowa.....	3,122		1958.....	83,049		Oklahoma.....	12,921	12,589
Missouri.....	7,532		1957.....	70,264		Texas.....	198,565	181,605
Kansas.....	3,629		1956.....	63,638				
South Atlantic.....	29,980			1958 <sup>1</sup>		Mountain.....	3,509	6,401
Maryland.....	1,265					Pacific.....	266,469	301,547
Virginia.....	7,150					Washington.....	7,550	6,469
Georgia.....	11,499					Oregon.....	23,426	24,066
Florida.....	3,798					California.....	235,493	271,012

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20991; Massachusetts, Ohio, Indiana, and California; 20992; Maine, Rhode Island, New York, Nebraska, District of Columbia, North Carolina, Kentucky, Alabama, Louisiana, Utah, Washington, and Oregon; 20993; Vermont, Massachusetts, New York, New Jersey, Pennsylvania, Illinois, Iowa, Missouri, Maryland, North Carolina, Georgia, Alabama, Oklahoma, Texas, and California; 20994, Rhode Island, New York, New Jersey, Illinois, Wisconsin, Missouri, Texas, and Washington; 20995, Connecticut, Nebraska, Kansas, North Carolina, South Carolina, Kentucky, and Colorado.

<sup>2</sup>Prior to 1958, product class 20992 included only potato chips; therefore, comparable figures including corn chips are available only for Census years 1954 and 1947.

## MANUFACTURES—INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958		1954		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
	INDUSTRY 2098—MACARONI AND SPAGHETTI						
	Materials, containers and supplies, total.....		xxx	100,483	xxx	95,871	
204115	Semolina and durum flour.....	Cwt.....	8,161,459	52,977	5,283,611	43,097	
204111	Farina and other wheat flour.....	do.....	907,001	5,389	2,774,923	19,640	
970099	Other materials, ingredients and supplies.....		xxx	35,892	xxx	33,134	
973000	Materials, nsk.....		xxx	6,225	xxx		
	INDUSTRY 2099—FOOD PREPARATIONS, NEC						
	Materials, containers and supplies, total.....		xxx	2,189,318	xxx	2,431,374	
11251	Green coffee.....	Cwt.....	24,758,454	1,243,553	20,284,058	1,466,532	
11541	Shell eggs.....	Case (30 doz.)	135,270	1415	19,168,367	195,397	
204111	Wheat flour.....	Cwt.....	1,336,688	17,777	12,150,288	113,103	
206011	Sugar (cane and beet).....	do.....	4,548,045	40,011	4,843,606	40,820	
209215	Fats and oils (purchased as such).....	1,000 lbs.....	179,305	30,685	(2)	(2)	
	Poultry killed:						
011531	Young chickens (including commercial broilers).....	Live weight 1,000 lbs.....	}	(1)	(1) {	38,372	8,742
011533	Hens (or fowl) and other chickens.....	do.....				13,410	2,597
011535	Turkeys.....	do.....				14,192	3,857
970099	All other materials, ingredients, containers and supplies including materials, nsk.....		xxx	2866,877	xxx	800,326	

<sup>1</sup>Revised.<sup>1</sup>1958 and 1954 figures are not comparable because of changes in the Standard Industrial Classification Manual between the years. (See introductory text)<sup>2</sup>Included in code 970099 "All other materials."



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2099	FOOD PREPARATIONS, NEC (entire industry).....	2,687	67,992	302,483	45,744	90,580	168,187	1,066,017	2,368,965	3,432,094	54,191
	Establishments with:										
	90% or more specialization.....	2425	55,818	247,476	38,542	75,822	141,824	884,014	2,084,094	2,964,865	44,906
	75-89% specialization.....	92	4,220	18,884	2,493	5,156	9,417	56,870	94,481	151,541	4,015
20991	Desserts (ready to mix) (primary product class of estab.).....	34	2,217	10,897	1,511	3,081	6,365	55,748	70,568	126,445	( <sup>1</sup> )
20992	Chips (potato, corn, etc.) (primary product class of estab.).....	407	17,619	72,983	11,412	23,134	36,525	169,805	201,025	369,729	11,637
	Establishments with:										
	90% or more specialization....	331	11,350	45,299	7,689	15,385	24,082	107,014	126,591	232,900	6,025
	75-89% specialization.....	36	2,504	10,933	1,529	3,222	4,998	23,700	26,517	50,079	1,327
20993	Sweetening sirups and molasses (primary product class of estab.)..	70	1,031	4,368	686	1,319	2,250	13,753	29,913	43,591	735
	Establishments with:										
	90% or more specialization....	57	811	3,341	542	1,034	1,752	11,461	24,548	36,029	( <sup>1</sup> )
	75-89% specialization.....	4	46	99	24	42	46	123	342	466	( <sup>1</sup> )
20994	Baking powder and yeast (primary product class of estab.).....	52	2,443	14,079	1,836	3,701	10,395	59,591	35,578	99,168	1,261
20995	Roasted coffee (primary product class of estab.).....	380	18,823	96,564	11,249	23,036	50,442	461,295	1,571,580	2,038,920	23,070
	Establishments with:										
	90% or more specialization....	331	13,075	69,692	7,504	15,451	34,586	316,723	1,246,889	1,568,665	18,139
	75-89% specialization.....	22	1,363	7,630	627	1,331	2,451	20,099	57,402	77,920	( <sup>1</sup> )
20996	Vinegar and cider (primary product class of estab.).....	144	1,343	4,712	1,091	2,186	3,432	11,031	17,923	29,259	878
	Establishments with:										
	90% or more specialization....	121	952	3,211	779	1,497	2,399	7,242	12,405	19,920	722
	75-89% specialization.....	5	44	133	38	76	111	357	563	921	...
20998	Chocolate and cocoa products (see also code 20728) (primary product class of estab.).....	50	1,079	5,699	631	1,315	2,635	15,812	25,736	41,410	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	25	576	2,893	337	703	1,413	9,121	11,369	20,526	( <sup>1</sup> )
	75-89% specialization.....	6	140	719	96	192	380	3,274	3,953	7,076	( <sup>1</sup> )
20999	Other food preparations, nec (primary product class of estab.)..	1,021	19,743	81,599	14,281	27,268	47,156	245,831	361,262	601,743	13,377
	Establishments with:										
	90% or more specialization....	879	13,918	55,268	10,644	20,019	34,095	176,823	247,853	418,160	10,505
	75-89% specialization.....	45	1,394	6,032	1,052	2,107	4,037	15,448	29,294	45,169	( <sup>1</sup> )

<sup>2</sup>Revised.

<sup>1</sup>Less than \$500 thousand.





## Major Group 21—Tobacco Manufactures

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco.

The manufacture of insecticides from tobacco byproducts is included in Major Group 28, Chemicals and Allied Products.

Table 1.—GENERAL STATISTICS FOR THE INDUSTRY GROUP. 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manu- facture adjusted <sup>3</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	91,856	341,051	76,306	146,992	247,842	1,004,056	38,069
Administrative and auxiliary establishments..	(NA)	(NA)	7,389	46,391	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	504	280	84,467	294,650	76,306	146,992	247,842	1,413,460	38,069
Operating manufacturing establishments:									
1957 <sup>4</sup> .....	(NA)	(NA)	88,086	284,065	80,555	150,632	240,185	1,245,968	42,028
1956 <sup>4</sup> .....	(NA)	(NA)	92,604	278,752	84,957	156,332	237,067	1,173,175	46,956
1955 <sup>4</sup> .....	(NA)	(NA)	96,240	270,929	88,266	165,704	229,896	1,082,975	27,092
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	100,466	291,890	87,073	162,988	219,736	1,004,056	28,018
Administrative and auxiliary establishments..	(NA)	(NA)	5,603	32,201	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	627	291	94,863	259,689	87,073	162,988	219,736	1,004,054	28,018
Operating manufacturing establishments:									
1953 <sup>4</sup> .....	(NA)	(NA)	95,442	253,411	87,176	165,704	213,310	987,073	29,420
1952 <sup>4</sup> .....	(S)	(NA)	93,175	240,732	85,461	162,779	201,679	867,590	22,338
1951 <sup>4</sup> .....	(S)	(NA)	93,753	230,179	85,836	161,831	192,252	856,440	17,992
1950 <sup>4</sup> .....	(S)	(NA)	92,561	212,536	84,576	159,682	177,313	806,118	17,654
1949 <sup>4</sup> .....	(NA)	(NA)	100,729	207,780	92,820	173,898	174,439	778,563	22,341
1947.....	1,086	(NA)	111,782	205,838	103,289	198,323	175,318	641,356	35,645
1939.....	765	(NA)	96,035	86,772	87,525	(NA)	68,500	350,152	(NA)
1937.....	852	(NA)	97,851	82,376	92,158	(NA)	70,291	325,060	(NA)
1935.....	890	(NA)	95,589	71,329	90,543	(NA)	59,447	284,375	(NA)
1933.....	804	(NA)	90,790	59,344	87,325	(NA)	50,933	249,987	(NA)
1931.....	1,228	(NA)	(NA)	(NA)	99,769	(NA)	69,411	370,348	(NA)
1929.....	1,788	(NA)	126,303	117,625	116,119	(NA)	94,578	( <sup>5</sup> )	(NA)
1927.....	2,156	(NA)	140,902	128,571	129,229	(NA)	105,250	( <sup>5</sup> )	(NA)
1925.....	2,623	(NA)	142,672	133,931	132,132	(NA)	111,558	( <sup>5</sup> )	(NA)
1923.....	3,672	(NA)	162,076	151,165	146,337	(NA)	120,463	( <sup>5</sup> )	(NA)
1921.....	4,372	(NA)	164,669	147,548	149,985	(NA)	120,903	( <sup>5</sup> )	(NA)
1919.....	10,291	(NA)	172,776	153,299	157,097	(NA)	123,988	( <sup>5</sup> )	(NA)
1914.....	13,951	(NA)	195,694	99,980	178,872	(NA)	77,856	( <sup>5</sup> )	(NA)
1909.....	15,822	(NA)	180,003	86,134	166,810	(NA)	69,355	( <sup>5</sup> )	(NA)
1904.....	16,827	(NA)	168,641	71,439	159,406	(NA)	62,639	( <sup>5</sup> )	(NA)
1899.....	14,959	(NA)	140,362	56,568	132,526	(NA)	47,975	( <sup>5</sup> )	(NA)

NA Not available.

S Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these units are not available for the years 1955-1957 and prior to 1949.

<sup>2</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

<sup>4</sup>The figures for 1949-1953, and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.

<sup>5</sup>The figures for value added by manufacture are omitted because they include Internal Revenue taxes.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
21	TOBACCO PRODUCTS, TOTAL. . . . .	504	280	84 467	294 650	76 306	146 992	247 842	1 413 460	38 069	94 863	988 001
	NEW ENGLAND . . . . .	30	9	794	2 257	698	1 260	1 723	5 084	102	876	3 991
	NEW HAMPSHIRE. . . . .	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	MASSACHUSETTS. . . . .	13	3	303	846	259	489	642	1 712	12	350	1 971
	RHODE ISLAND. . . . .	1	..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	CONNECTICUT. . . . .	15	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	MIDDLE ATLANTIC . . . . .	175	75	15 496	45 015	14 178	26 732	38 775	110 702	4 105	21 600	116 929
	NEW YORK . . . . .	58	6	588	1 763	503	962	1 520	3 626	16	1 377	7 630
	NEW JERSEY . . . . .	11	7	1 829	5 685	1 666	3 058	4 914	17 167	301	3 856	32 993
	PENNSYLVANIA . . . . .	106	62	13 079	37 567	12 009	22 712	32 341	89 909	3 788	16 365	76 305
	NORTH CENTRAL . . . . .	62	17	3 756	12 773	3 212	5 561	9 276	40 154	421	4 738	36 393
	OHIO . . . . .	16	9	1 495	4 514	1 324	2 194	3 430	11 318	115	1 530	8 913
	INDIANA. . . . .	5	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	910	3 291
	ILLINOIS . . . . .	18	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	579	11 720
	MICHIGAN . . . . .	7	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	673	5 883
	WISCONSIN. . . . .	9	1	80	238	71	123	167	362	21	(*)	(*)
	MINNESOTA. . . . .	1	..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	MISSOURI . . . . .	6	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	SOUTH ATLANTIC. . . . .	161	127	51 422	185 575	46 369	89 209	155 736	994 910	23 747	53 711	644 244
	MARYLAND . . . . .	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	VIRGINIA . . . . .	28	28	13 404	51 056	11 967	22 446	42 700	265 346	6 786	14 620	202 069
	WEST VIRGINIA. . . . .	4	3	848	2 850	720	1 266	2 011	7 390	253	1 200	6 912
	NORTH CAROLINA . . . . .	62	59	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26 147	390 599
	SOUTH CAROLINA . . . . .	6	6	1 343	3 788	1 240	2 259	3 302	8 388	(D)	1 586	5 728
	GEORGIA. . . . .	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	FLORIDA. . . . .	57	27	7 635	20 710	7 144	13 203	17 685	41 340	770	8 959	33 730
	EAST SOUTH CENTRAL. . . . .	62	47	12 040	46 509	10 977	22 524	40 183	257 254	9 621	12 391	180 858
	KENTUCKY . . . . .	43	30	10 284	41 774	9 381	19 656	36 479	235 384	9 380	10 401	164 223
	TENNESSEE. . . . .	16	14	1 153	3 415	1 006	1 787	2 456	17 704	100	(*)	(*)
	ALABAMA. . . . .	3	3	603	1 320	590	1 081	1 248	4 166	141	(*)	(*)
	WEST SOUTH CENTRAL. . . . .	5	4	916	2 423	831	1 630	2 057	5 152	(D)	1 187	4 131
	LOUISIANA. . . . .	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	TEXAS. . . . .	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	PACIFIC . . . . .	9	1	43	98	41	76	92	204	(D)	357	1 453
	CALIFORNIA . . . . .	9	1	43	98	41	76	92	204	(D)	357	1 453
211	CIGARETTES, TOTAL <sup>1</sup> . . . . .	19	16	33 832	142 413	31 037	60 567	125 765	1 058 554	20 490	29 987	677 252
212	CIGARS, TOTAL <sup>1</sup> . . . . .	283	114	29 350	81 882	27 048	49 894	70 077	183 140	6 015	38 494	165 312
213	CHEWING AND SMOKING TOBACCO, TOTAL <sup>1</sup>	58	28	6 348	23 693	5 319	9 967	17 470	86 188	1 079	7 535	80 057
214	TOBACCO STEMMING AND REDRYING, TOTAL <sup>1</sup>	144	122	14 937	46 662	12 902	26 564	34 530	85 578	10 485	18 846	65 378

Note: Due to a change in the Standard Industrial Classification system between the two census years the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.



Table 3.—DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Tobacco products (SIC 21)	Cigarettes (SIC 211)	Cigars (SIC 212)	Chewing and smoking tobacco (SIC 213)	Tobacco stemming and redrying (SIC 214)
Number of establishments, total.....	504	19	283	58	144
With 1-19 employees.....	224	3	169	30	22
With 20-99 employees.....	142	1	48	11	82
With 100 employees or more.....	138	15	66	17	40
Proprietors and working partners.....Number..	247	1	204	23	19
All employees:					
Number (average for the year).....	84,467	33,832	29,350	6,348	14,937
Payroll.....\$1,000..	294,650	142,413	81,882	23,693	46,662
Production workers:					
Number (average for the year).....	76,306	31,037	27,048	5,319	12,902
March.....	72,708	30,730	27,538	5,303	9,137
May.....	68,257	30,465	26,464	5,239	6,089
August.....	82,132	31,531	26,668	5,436	18,497
November.....	82,126	31,421	27,522	5,298	17,885
Man-hours.....1,000..	146,992	60,567	49,894	9,967	26,564
January-March.....do....	34,455	13,985	12,325	2,380	5,765
April-June.....do....	33,239	15,429	12,318	2,519	2,973
July-September.....do....	38,481	15,514	12,339	2,510	8,118
October-December.....do....	40,677	15,639	12,798	2,539	9,701
Wages.....\$1,000..	247,842	125,765	70,077	17,470	34,530
Value added by manufacture, adjusted.....do....	1,413,460	1,058,554	183,140	86,188	85,578
Cost of fuels consumed.....do....	4,289	1,903	504	483	1,399
Cost of electricity purchased.....do....	4,969	2,369	1,031	314	1,255
Manufacturers' inventories:					
Beginning of the year, total.....do....	1,526,764	430,813	60,856	39,994	995,101
Finished products.....do....	551,462	17,947	16,138	6,604	510,773
Work-in-process.....do....	26,451	8,235	3,782	5,242	9,192
Materials, supplies, fuel, etc.....do....	948,852	404,631	40,936	28,148	475,137
End of year, total.....do....	1,500,226	424,827	62,804	41,268	971,327
Finished products.....do....	526,147	16,875	17,628	6,853	484,791
Work-in-process.....do....	23,735	9,035	4,762	5,298	4,640
Materials, supplies, fuel, etc.....do....	950,344	398,917	40,414	29,117	481,896
Expenditures for plant and equipment, total.....do....	38,946	20,996	6,148	1,253	10,549
New, total.....do....	38,069	20,490	6,015	1,079	10,485
New structures and additions to plant.....do....	7,476	3,243	622	146	3,465
New machinery and equipment.....do....	30,593	17,247	5,393	933	7,020
Used plant and equipment.....do....	877	506	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>Less than \$500 thousand.





# Tobacco Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2111—Cigarettes
- 2121—Cigars
- 2131—Tobacco (Chewing and Smoking) and Snuff
- 2141—Tobacco Stemming and Redrying

All tobacco products produced by manufacturing establishments are produced at establishments classified in this major group of industries. The principal companies operating establishments in this major group produce tobacco products of more than one of the tobacco industries. However, for the most part, tobacco products are made at separate establishments of these companies which specialize in the products of a particular industry. Consequently, there is a relatively high degree of primary product specialization within each tobacco industry.

All tobacco products manufactured for sale in this country are subject to a manufacturers' excise tax, except for stemmed and/or redried leaf tobacco which, although classified as "manufactured" tobacco products in the Census, are not defined as "manufactured" tobacco products for taxation purposes. In reporting to the Census of Manufactures, respondents were instructed to report the gross value of each product, f.o.b. plant, exclusive of excise tax. The costs reported for materials consumed also excluded any excise taxes paid on these materials. This corresponds to the reporting methods followed in the 1954 Census.

In the 1958 and 1954 Censuses, production rather than shipments data were secured from tobacco manufacturers, because some large manufacturers could not provide accurate information on the value of shipments from their factories. Since most of the products of Industry 2141, Tobacco Stemming and Redrying, are consumed as raw materials in one of the other tobacco industries, there is duplication in the aggregate value of production for the major group.

The number of establishments shown in this report for the tobacco group falls below the corresponding number shown in the reports of the Commissioner of Internal Revenue. The difference is due to the following causes: (1) Under the licensing system of the Bureau of Internal Revenue, the same establishment may apply for and report under more than one license—whereas for census purposes such an establishment generally would make only one report; (2) A considerable number of establishments licensed to manufacture tobacco products sold all the tobacco products produced at retail (particularly in the cigar and smoking tobacco industries) and, therefore, were not covered by the Census of Manufactures. (See Introduction.); (3) A number of manufacturers of cigarette making and tobacco processing machinery are licensed to manufacture tobacco products, which they do only on an experimental basis.

As a result of (2) above, the quantities of cigarettes, cigars, chewing and smoking tobacco and snuff, as shown in this report, vary slightly from the corresponding quanti-

ties published by the Bureau of Internal Revenue. Although all of these products produced by manufacturing establishments are included in the Census statistics, the small amounts produced at retail or wholesale establishments are excluded. Another circumstance that causes variance from the quantities published by the Bureau of Internal Revenue is the reporting to the Census by some establishments on a fiscal rather than a calendar year basis.

## 2111—Cigarettes

This industry comprises establishments primarily engaged in the manufacture of cigarettes. For a detailed list of products primary to Industry 2111, refer to table 6, product codes 2111015 to 2111055.

The specialization and coverage ratios for Industry 2111 were about 100 percent in both 1958 and 1954, indicating a very high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6). Definitions of the specialization and coverage ratios are provided in table 5A.

## 2121—Cigars

This industry comprises establishments primarily engaged in the manufacture of cigars. Retail stores producing cigars are classified in Trade industries. For a detailed list of products primary to Industry 2121, refer to table 6, product codes 2121013-2121031.

The specialization and coverage ratios for Industry 2121 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6). Definitions of the specialization and coverage ratios are provided in table 5A.

## 2131—Tobacco (Chewing and Smoking) and Snuff

This industry comprises establishments primarily engaged in the manufacture of chewing and smoking tobacco and snuff. For a detailed list of primary products of Industry 2131, refer to table 6, product codes 2131011 to 2131055.

The value of production of Industry 2131, Chewing and Smoking Tobacco, was \$176 million in 1958. This included production of primary products (chewing and smoking tobacco and snuff) valued at close to \$170 million, production of secondary products (cigarettes and stemmed and/or redried leaf tobacco) valued at \$3 million, and miscellaneous receipts of \$3 million.

Industry 2131 production of chewing and smoking tobacco and snuff (primary products) in 1958 represented 98 percent of its total production of all manufactured products (primary and secondary). In 1954, this primary product specialization ratio was 96 percent.

Industry 2131 production of chewing and smoking tobacco and snuff in 1958 represented 88 percent of the chewing and smoking tobacco and snuff, valued at \$193 million, produced by all manufacturing industries. In 1954, this coverage ratio was 89 percent. The other chief industry shipping chewing and smoking tobacco and snuff in 1958 was Industry 2111, Cigarettes, \$23 million. Small

quantities were shipped by establishments classified in Industries 2121, Cigars; and 2141, Tobacco Stemming and Redrying.

2141—Tobacco Stemming and Redrying

This industry comprises establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco are not included in this indus-

try. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry. For a list of products primary to Industry 2141, refer to table 6, product codes 2141111 to 2141298.

The specialization and coverage ratios for Industry 2141 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6). Definitions of the specialization and coverage ratios are provided in table 5A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



**CIGARETTES: SIC 211**

Value Added by Manufacture by State: 1958



Includes only Industry 2111. See Table 2.

Bureau of the Census. M-58-D211

**CIGARS: SIC 212**

Value Added by Manufacture by State: 1958

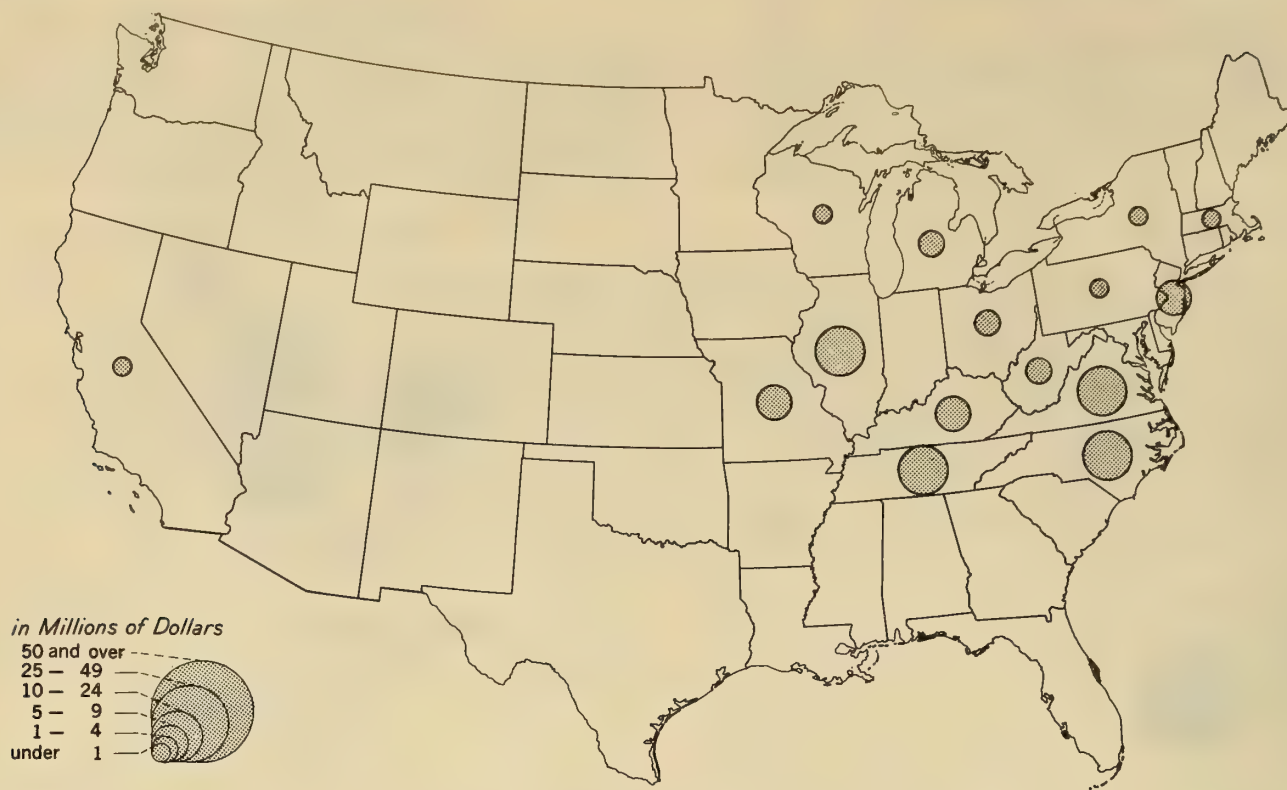


Includes only Industry 2121. See Table 2.

Bureau of the Census. M-58-D212

**TOBACCO (CHEWING AND SMOKING) AND SNUFF: SIC 213**

Value Added by Manufacture by State: 1958

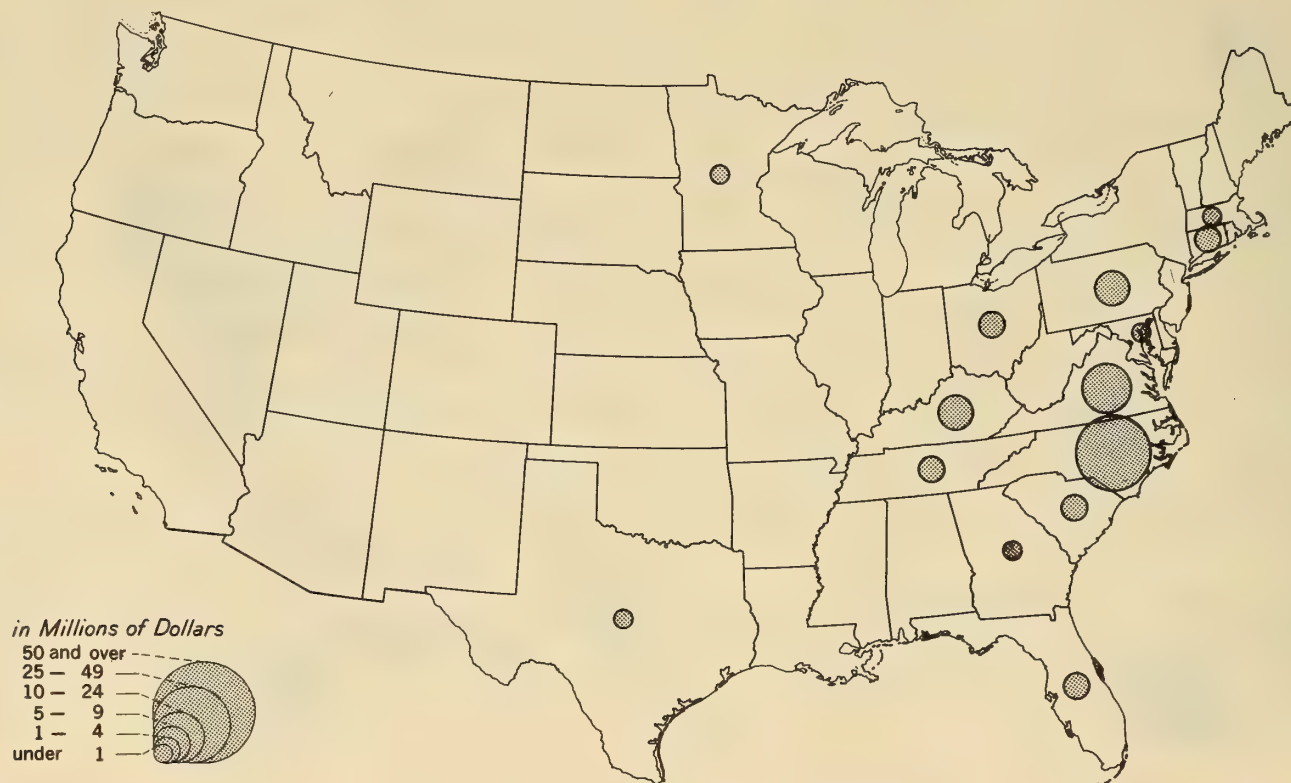


Includes only Industry 2131. See Table 2.

Bureau of the Census. M-58-D213

**TOBACCO STEMMING AND REDRYING: SIC 214**

Value Added by Manufacture by State: 1958



Includes only Industry 2141. See Table 2.

Bureau of the Census. M-58-D214



Table 1.—General Statistics for the United States. 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees <sup>1</sup>		Production workers <sup>2</sup>			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2111 (old SIC 2111)	Cigarettes:														
	1958.....	12	19	16	33,832	142,413	31,037	60,567	125,765	1,058,554	1,102,233	2,159,987	20,490	99	100
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	32,075	129,891	29,648	58,050	114,429	904,773	1,064,398	1,968,771	31,526	99	100
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	30,971	118,868	28,728	56,642	105,480	832,228	986,203	1,819,868	35,009	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	30,765	112,825	28,496	56,604	100,074	753,109	972,206	1,721,573	18,003	(NA)	(NA)
	1954.....	12	19	18	29,987	103,779	27,694	53,643	91,067	676,593	964,797	1,642,190	20,362	99	100
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	30,414	98,144	27,905	53,181	85,450	661,575	1,005,247	1,666,822	16,959	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	29,342	90,921	26,689	51,685	78,329	543,596	1,003,983	1,547,579	14,210	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	27,794	82,708	25,449	49,360	71,861	541,452	940,260	1,481,712	11,322	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	27,743	75,546	25,420	48,590	65,306	493,049	860,038	1,353,087	10,616	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	28,459	72,005	26,234	49,208	62,724	466,458	831,046	1,297,504	13,585	(NA)	(NA)
	1947.....	19	28	(NA)	27,674	63,204	25,553	49,196	54,986	368,417	763,474	1,131,891	16,546	96	100
	1939.....	(NA)	35	(NA)	30,803	33,668	27,426	(NA)	26,068	226,679	268,815	495,494	(NA)	(NA)	(NA)
	1937.....	(NA)	34	(NA)	27,655	27,885	26,149	(NA)	24,182	197,405	260,031	457,436	(NA)	(NA)	(NA)
	1933.....	(NA)	27	(NA)	23,816	18,191	22,544	(NA)	13,835	134,216	147,350	281,566	(NA)	(NA)	(NA)
	1929.....	(NA)	49	(NA)	(NA)	(NA)	21,142	(NA)	18,401	(10)	218,424	(10)	(NA)	(NA)	(NA)
2121 (old SIC 2121)	Cigars:														
	1958.....	247	283	114	29,350	81,882	27,048	49,894	70,077	183,140	172,888	355,048	6,015	100	100
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,040	84,714	30,806	55,595	74,094	190,156	166,815	355,995	6,119	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,785	86,826	32,469	58,201	75,992	196,626	164,545	361,333	6,610	(NA)	(NA)
	1954.....	375	410	129	38,494	89,259	36,076	65,720	78,455	168,366	176,791	342,285	2,884	99	100
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,614	92,576	37,868	69,450	80,208	184,299	200,025	384,324	2,016	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,165	88,112	37,976	68,137	76,509	163,574	181,286	344,860	1,916	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,694	85,101	38,314	67,755	73,403	160,747	172,890	333,637	2,365	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,625	78,507	38,281	66,559	67,052	146,707	164,732	311,439	2,622	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	43,924	76,118	41,404	75,069	65,818	137,318	171,668	308,986	2,389	(NA)	(NA)
	1947.....	765	822	(NA)	47,068	76,344	44,512	84,008	68,402	143,145	168,256	311,401	4,449	99	100
	1939.....	(NA)	598	(NA)	54,262	41,141	50,897	(NA)	34,240	81,505	67,086	148,591	(NA)	(NA)	(NA)
	1937.....	(NA)	693	(NA)	58,910	43,200	55,879	(NA)	37,522	81,896	74,482	156,378	(NA)	(NA)	(NA)
	1933 <sup>11</sup> .....	(NA)	665	(NA)	56,195	32,862	54,558	(NA)	30,061	66,783	63,990	130,773	(NA)	(NA)	(NA)
	1929.....	(NA)	1,587	(NA)	(NA)	(NA)	84,166	(NA)	67,222	(10)	138,354	(10)	(NA)	(NA)	(NA)
2131 (old SIC 2131)	Chewing and smoking tobacco														
	1958.....	52	58	28	6,348	23,693	5,319	9,967	17,470	86,188	89,638	175,770	1,079	98	88
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,386	23,445	5,413	9,916	17,301	83,375	79,003	161,831	1,020	98	90
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	6,967	24,062	5,919	10,742	17,866	76,785	75,361	152,296	1,003	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,475	23,915	6,340	11,432	17,708	79,677	79,895	158,994	1,037	(NA)	(NA)
	1954.....	58	65	28	7,535	23,372	6,444	11,729	17,229	79,619	83,953	164,277	1,205	96	89
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	(NA)	19,988	(NA)	(NA)	15,336	65,049	70,454	135,503	1,356	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,764	21,844	6,666	12,259	16,261	77,025	82,349	159,374	2,022	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,466	22,912	7,183	13,083	16,784	68,723	87,706	156,429	1,511	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,656	21,721	7,632	14,405	17,122	64,071	83,532	147,603	1,165	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,537	22,296	8,432	15,622	17,472	64,443	87,935	152,378	2,185	(NA)	(NA)
	1947.....	65	73	(NA)	11,139	22,676	9,725	19,630	17,616	57,571	82,571	140,142	2,519	98	86
	1939.....	(NA)	132	(NA)	10,970	11,963	9,202	(NA)	8,193	41,968	47,021	88,989	(NA)	(NA)	(NA)
	1937.....	(NA)	125	(NA)	11,286	11,291	10,130	(NA)	8,587	45,759	51,475	97,234	(NA)	(NA)	(NA)
	1935.....	(NA)	115	(NA)	11,057	10,446	10,077	(NA)	7,629	45,547	52,208	97,755	(NA)	(NA)	(NA)
	1933.....	(NA)	112	(NA)	10,779	8,291	10,223	(NA)	7,037	48,988	46,913	95,901	(NA)	(NA)	(NA)
	1931.....	(NA)	125	(NA)	(NA)	(NA)	11,441	(NA)	8,673	57,955	66,873	124,828	(NA)	(NA)	(NA)
	1929.....	(NA)	152	(NA)	11,864	12,237	10,811	(NA)	8,955	(NA)	72,494	(NA)	(NA)	(NA)	(NA)
	1927.....	(NA)	159	(NA)	14,439	14,182	13,125	(NA)	10,661	(NA)	85,310	(NA)	(NA)	(NA)	(NA)
	1925.....	(NA)	178	(NA)	16,744	16,316	15,024	(NA)	12,185	(NA)	94,419	(NA)	(NA)	(NA)	(NA)
	1923.....	(NA)	206	(NA)	19,408	19,206	16,301	(NA)	12,739	(NA)	146,374	(NA)	(NA)	(NA)	(NA)
	1921.....	(NA)	226	(NA)	19,958	18,586	16,628	(NA)	12,742	(10)	156,477	(10)	(NA)	(NA)	(NA)
	1919.....	(NA)	365	(NA)	22,143	19,593	18,324	(NA)	12,675	(NA)	130,270	(NA)	(NA)	(NA)	(NA)
	1914.....	(NA)	436	(NA)	31,531	17,304	25,980	(NA)	9,550	(NA)	76,604	(NA)	(NA)	(NA)	(NA)
	1909.....	(NA)	460	(NA)	(NA)	(NA)	27,232	(NA)	8,923	(NA)	74,466	(NA)	(NA)	(NA)	(NA)
	1904.....	(NA)	433	(NA)	26,097	9,232	23,990	(NA)	6,775	(NA)	44,954	(NA)	(NA)	(NA)	(NA)
	1899.....	(NA)	437	(NA)	32,529	10,994	29,161	(NA)	7,110	(NA)	35,038	(NA)	(NA)	(NA)	(NA)
2141 (old SIC 2141)	Tobacco stemming and redrying:														
	1958.....	64	144	122	14,937	46,662	12,902	26,564	34,530	85,578	1,086,580	1,176,710	10,485	100	100
	1954.....	72	133	116	18,846	43,278	16,897	31,894	32,983	79,476	1,154,775	1,222,029	3,566	100	99
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,904	39,855	14,130	30,698	30,580	83,395	1,014,983	1,098,378	4,190	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,799	39,458	14,890	31,633	30,204	85,518	1,033,967	1,119,485	2,794	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,809	37,361	16,750	33,999	28,425	(NA)	(NA)	(NA)	4,182	(NA)	(NA)
	1947.....	93	163	(NA)	25,901	43,614	23,499	45,489	34,314	72,223	885,584	957,807	12,131	100	98

Footnotes continued on next page.



Footnotes for Table 1 21A

NA Not available.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1953, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 and 1954, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1953 and 1955-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; for 1954 production workers was calculated by subtracting from the all employees total the average number of production workers for the four months March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry code	Value added (\$1,000)	Industry code	Value added (\$1,000)
2111	\$677,252	2131	\$80,057
2121	165,312	2141	65,378

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry code	Cost of materials, etc. (\$1,000)		Industry code	Cost of materials, etc. (\$1,000)	
	1958	1954		1958	1954
2111	\$1,101,521	\$963,698	2131	\$ 87,691	\$ 81,681
2121	169,939	171,487	2141	949,139	977,834

<sup>5</sup>For all years, except 1929, comprises value of production and miscellaneous receipts. For 1929 it is the value of shipments. For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See text. Value of shipments excluding resales was as follows in 1958 and 1954: Excludes excise taxes.

Industry code	Value of production (\$1,000)		Industry code	Value of production (\$1,000)	
	1958	1954		1958	1954
2111	\$2,159,135	\$1,640,950	2131	\$173,682	\$161,739
2121	351,614	339,452	2141	1,036,998	1,043,213

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The decrease in the number of establishments from 1947 to 1954 reflects, in part, combined reports in 1954 for operations at a single location which had been reported separately in 1947, as well as the inclusion in retail and wholesale trade of certain small establishments, producing cigarettes on a custom basis, in addition to their merchandising operations. (These establishments were included in manufacturing in 1947.)

<sup>10</sup>The figures for value added by manufacture and value of products for 1929 and earlier years have been omitted because they contain internal revenue taxes.

<sup>11</sup>The coverage of Industry 2121, Cigars, was incomplete in 1933.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2111	Cigarettes, total...	19	16	33,832	142,413	31,037	60,567	125,765	1,058,554	2,159,987	20,490	29,987	677,252	27,674
	Middle Atlantic...	5	2	218	1,043	160	312	636	2,462	4,183	75	(3)	(3)	(3)
	South Atlantic...	10	10	26,422	110,605	24,249	46,945	97,280	840,799	1,726,191	17,253	22,441	514,720	21,777
	Virginia.....	5	5	8,721	36,768	8,022	15,186	32,410	236,634	491,469	4,936	8,273	177,449	7,725
	North Carolina..	5	5	17,701	73,837	16,227	31,759	64,870	604,165	1,234,722	12,317	14,168	337,271	14,052
	East South Central	4	4	7,192	30,765	6,628	13,310	27,849	215,293	429,613	3,162	6,223	142,672	3,823
	Kentucky.....	4	4	7,192	30,765	6,629	13,310	27,849	215,293	429,613	3,162	6,223	142,672	3,823
2121	Cigars, total.....	283	114	29,350	81,882	27,048	49,894	70,077	183,140	355,048	6,015	38,494	165,312	47,068
	New England.....	24	5	625	1,708	545	915	1,266	3,547	6,852	(2)	842	3,825	(3)
	Connecticut.....	11	2	142	473	125	236	340	1,060	1,921	(2)	241	958	431
	Middle Atlantic	140	59	14,184	40,053	13,072	24,508	35,199	95,609	184,650	3,011	19,059	89,265	24,003
	Pennsylvania....	82	49	12,165	34,114	11,212	21,075	29,915	81,282	160,125	2,818	15,359	72,831	18,271
	East North Central	36	11	2,304	7,015	2,013	3,383	4,994	15,411	26,838	(2)	...	...	...
	South Atlantic....	61	29	9,931	27,367	9,266	17,041	23,595	54,865	109,593	1,942	(3)	(3)	(3)
	Florida.....	52	22	6,920	19,393	6,451	12,043	16,473	39,322	76,300	743	(3)	(3)	(3)
2131	Chewing and smoking tobacco, total....	58	28	6,348	23,693	5,319	9,967	17,470	86,188	175,770	1,079	7,535	80,057	11,139
	Middle Atlantic...	17	4	437	1,667	337	647	1,154	6,753	11,372	(2)	(3)	(3)	(3)
	East North Central	15	3	850	3,574	682	1,236	2,542	16,991	25,634	(2)	(3)	(3)	(3)
	South Atlantic....	9	9	3,225	12,209	2,665	5,058	8,773	34,991	82,894	656	(3)	(3)	(3)
	All other divisions	17	12	1,836	6,243	1,635	3,026	5,001	27,453	55,870	(2)	(3)	(3)	(3)
2141	Tobacco stemming and redrying, total....	144	122	14,937	46,662	12,902	26,564	34,530	85,578	1,176,710	10,485	18,846	65,378	25,901
	Middle Atlantic...	13	10	657	2,252	609	1,265	1,786	5,878	23,485	870	(3)	(3)	(3)
	Pennsylvania....	13	10	657	2,252	609	1,265	1,786	5,878	23,485	870	739	2,135	580
	South Atlantic....	81	79	11,844	35,394	10,189	20,165	26,088	64,255	854,786	3,896	14,555	49,705	20,852
	Virginia.....	17	17	2,979	8,377	2,545	4,588	6,090	14,296	201,895	1,106	4,303	13,877	6,109
	North Carolina..	52	50	7,770	24,688	6,609	13,814	18,039	45,915	625,337	2,722	9,501	33,740	13,993
	Florida.....	5	5	715	1,317	693	1,160	1,212	2,018	6,710	(2)	(3)	(3)	(3)
	East South Central	39	27	2,143	8,152	1,837	4,610	5,912	11,999	290,330	5,666	3,152	11,834	4,105
	All other divisions	11	6	273	864	267	524	744	3,446	8,109	(2)	52,609	182,135	71,540

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2111, Cigarettes: Middle Atlantic—New York, 3 (20-99); Pennsylvania, 2 (100-249).

SIC 2121, Cigars: New England—New Hampshire, 1 (100-249); Massachusetts, 11 (100-249); Rhode Island, 1 (1-19); Middle Atlantic—New York, 49 (250-499); New Jersey, 9 (1,000-2,499); East North Central—Ohio, 6 (1,138); Indiana, 4 (500-999); Illinois, 16 (20-99); Michigan, 4 (250-499); Wisconsin, 6 (20-99); West North Central—Missouri, 4 (20-99); South Atlantic—Maryland, 1 (20-99); Virginia, 2 (500-999); West Virginia, 3 (250-499); North Carolina, 1 (1-19); South Carolina, 1 (1,000-2,499); Georgia, 1 (500-999); East South Central—Kentucky, 2 (500-999); Tennessee, 1 (100-249); Alabama, 3 (500-999); West South Central—Louisiana, 3 (500-999); Texas, 1 (250-499); Pacific—California, 8 (20-99).

SIC 2131, Chewing and Smoking Tobacco: Northeast—Massachusetts, 1 (1-19); Middle Atlantic—New York, 6 (20-99); New Jersey, 2 (250-499); Pennsylvania, 9 (20-99); East North Central—Ohio, 6 (100-249); Indiana, 1 (1-19); Illinois, 2 (250-499); Michigan, 3 (100-249); Wisconsin, 3 (1-19); West North Central—Missouri, 2 (250-499); South Atlantic—Virginia, 4 (1,000-2,499); West Virginia, 1 (250-499); North Carolina, 4 (1,000-2,499); East South Central—Kentucky, 6 (500-999); Tennessee, 7 (500-999); West—California, 1 (1-19).

SIC 2141, Tobacco Stemming and Redrying: Northeast—Massachusetts, 1 (20-99); Connecticut, 4 (100-249); North Central—Ohio, 4 (100-249); Minnesota, 1 (1-19); South Atlantic—Maryland, 1 (20-99); South Carolina, 5 (100-249); Georgia, 1 (20-99); East South Central—Kentucky, 31 (1,905); Tennessee, 8 (100-249); West South Central—Texas, 1 (1-19).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>This State or region was not shown as a separate line in Table 2 in the 1954 report for this industry. A footnote to Table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to Table 2 usually provided similar information.

Table 3.—Detailed Statistics for the United States: 1958

Item	Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)
Primary product specialization ratio <sup>1</sup> .....	99	100	98	100
Coverage ratio <sup>2</sup> .....	100	100	88	100
Number of establishments, total.....	19	283	58	144
With 1-19 employees.....	3	169	30	22
With 20-99 employees.....	1	48	11	82
With 100 employees or more.....	15	66	17	40
Proprietors and working partners.....Number..	1	204	23	19
All employees:				
Number (average for the year) <sup>3</sup> .....	33,849	29,071	6,362	15,899
Payroll.....\$1,000..	142,413	81,882	23,693	46,662
Production workers:				
Number (average for the year) <sup>3</sup> .....	31,054	26,769	5,333	13,857
January.....	30,699	27,402	5,284	15,984
February.....	30,658	27,531	5,288	12,028
March.....	30,730	27,538	5,303	9,137
April.....	30,386	26,062	5,250	6,359
May.....	30,465	26,464	5,239	6,089
June.....	31,214	26,231	5,316	5,449
July.....	30,913	25,408	5,219	7,201
August.....	31,531	26,668	5,436	18,497
September.....	31,523	26,629	5,579	25,260
October.....	31,391	26,991	5,441	24,078
November.....	31,421	27,522	5,298	17,885
December.....	31,716	26,783	5,342	18,309
Man-hours.....1,000..	60,567	49,894	9,967	26,564
January-March.....do....	13,985	12,325	2,380	5,765
April-June.....do....	15,429	12,318	2,519	2,973
July-September.....do....	15,514	12,339	2,510	8,118
October-December.....do....	15,639	12,798	2,539	9,701
Wages.....\$1,000..	125,765	70,077	17,470	34,530
Cost of materials, etc., total.....do....	1,102,233	172,888	89,638	1,086,580
Materials, parts, containers, and supplies consumed.....do....	1,097,214	167,655	86,894	944,533
Cost of resales.....do....	712	2,949	1,947	137,441
Fuels consumed.....do....	1,903	504	483	1,399
Electricity purchased.....do....	2,369	1,031	314	1,255
Contract work.....do....	35	749	...	1,953
Value of production (including resales), total.....do....	2,159,987	355,048	175,770	1,176,710
Value of resales.....do....	852	3,434	2,088	139,712
Value added by manufacture, adjusted.....do....	1,058,554	183,140	86,188	85,578
Manufacturers' inventories:				
Beginning of year, total.....do....	430,813	60,856	39,994	995,101
Finished products.....do....	17,947	16,138	6,604	510,773
Work-in-process.....do....	8,235	3,782	5,242	9,192
Materials, supplies, fuel, etc.....do....	404,631	40,936	28,148	475,137
End of year, total.....do....	424,827	<sup>r</sup> 62,804	41,268	<sup>r</sup> 971,327
Finished products.....do....	16,875	17,628	6,853	484,791
Work-in-process.....do....	9,035	4,762	5,298	4,640
Materials, supplies, fuel, etc.....do....	398,917	40,414	29,117	481,896
Expenditures for plant and equipment, total.....do....	20,996	6,148	1,253	10,549
New, total.....do....	20,490	6,015	1,079	10,485
New structures and additions to plant.....do....	3,243	622	( <sup>4</sup> )	3,465
New machinery and equipment.....do....	17,247	5,393	<sup>r</sup> 933	7,020
Used plant and equipment.....do....	506	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>D</sup> Withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>These figures are not identical to those appearing in tables 1, 2, 4 and 8. Production workers in this table is the average of the 12 monthly figures; total employees is the sum of this average and the number of nonproduction workers for March 15. In tables 1, 2, and 4 production workers is the average of the four months March, May, August and November, and all employees is the sum of this average and the nonproduction workers for March 15. See footnote 2, table 1.

<sup>4</sup>Less than \$500 thousand.



## TOBACCO PRODUCTS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2111	Cigarettes:											
	Number of establishments.....	19	1	2	....	...	1	2	...	...	9	4
	All employees:											
	Number.....	33,832	15	(D)	...	...	17,819	(D)	...	...	(D)	15,998
	Payroll.....\$1,000..	142,413	38	(D)	...	...	73,890	(D)	...	...	(D)	68,485
	Value added, adjusted..do....	1,058,554	92	(D)	...	...	534,361	(D)	...	...	(D)	524,101
	Value of shipments.....do....	2,159,987	242	(D)	...	...	1,125,963	(D)	...	...	(D)	1,033,782
	Capital expend., new...do....	20,490	...	...	...	...	8,950	(D)	...	...	(D)	11,540
2121	Cigars:											
	Number of establishments.....	283	121	29	19	31	17	30	19	12	5	...
	All employees:											
	Number.....	29,350	205	187	249	1,069	1,235	4,850	7,036	14,519	(D)	...
	Payroll.....\$1,000..	81,882	306	320	590	2,460	3,428	12,679	20,010	42,089	(D)	...
	Value added, adjusted..do....	183,140	721	640	1,016	4,974	6,067	27,319	47,596	94,807	(D)	...
	Value of shipments.....do....	355,048	1,644	1,275	2,885	9,831	13,939	51,446	89,870	184,158	(D)	...
	Capital expend., new...do....	6,016	(1)	(1)	(1)	(1)	(1)	869	1,101	3,538	(D)	...
2131	Chewing and smoking tobacco:											
	Number of establishments.....	58	17	6	7	8	3	9	7	...	1	...
	All employees:											
	Number.....	6,348	73	(D)	86	273	1,899	(D)	4,017	...	(D)	...
	Payroll.....\$1,000..	23,693	139	(D)	311	1,282	5,709	(D)	16,252	...	(D)	...
	Value added, adjusted..do....	86,188	440	(D)	435	3,045	23,834	(D)	58,434	...	(D)	...
	Value of shipments.....do....	175,770	841	(D)	1,208	9,302	42,232	(D)	122,187	...	(D)	...
	Capital expend., new...do....	1,079	(1)	(D)	(1)	(D)	(1)	(D)	855	...	(D)	...
2141	Tobacco stemming and redrying:											
	Number of establishments.....	144	8	7	7	47	35	19	19	2	...	...
	All employees:											
	Number.....	14,937	13	150	(D)	1,551	2,499	2,949	7,775	(D)	...	...
	Payroll.....\$1,000..	46,662	52	729	(D)	5,881	7,769	8,580	23,651	(D)	...	...
	Value added, adjusted..do....	85,578	123	412	(D)	12,322	17,506	18,219	36,996	(D)	...	...
	Value of shipments.....do....	1,176,710	528	6,926	(D)	117,852	127,469	90,816	833,119	(D)	...	...
	Capital expend., new...do....	10,485	(1)	6,338	(D)	(D)	(D)	1,305	2,795	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

**Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2111	Cigarettes.....1958..	2,159,985	(D)	(D)	913	99	2,137,032	(D)	(D)	100
	.....1954..	1,642,190	1,621,829	18,901	1,460	99	1,623,895	1,621,829	2,066	100
2121	Cigars.....1958..	355,048	349,860	777	4,411	100	351,412	349,860	1,552	100
	.....1954..	342,285	333,123	3,952	5,210	99	333,273	333,123	150	100
2131	Chewing and smoking tobacco....1958..	175,770	169,951	2,690	3,129	98	192,772	169,951	22,821	88
	.....1954..	164,277	154,418	6,069	3,790	96	173,741	154,418	19,323	89
2141	Tobacco stemming and redrying...1958..	1,176,710	976,003	...	200,707	100	<sup>3</sup> 976,218	<sup>3</sup> 976,003	<sup>3</sup> 215	100
	.....1954..	1,221,941	1,011,583	...	210,358	100	<sup>3</sup> 1,018,570	<sup>3</sup> 1,011,583	<sup>3</sup> 6,997	99

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup> The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>4</sup> Excludes tobacco stemmed and used in manufactured products in the same plant.

**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958**

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Value of production					
		Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)	Other industries	All industries
	Industry value of products.....	2,159,985	355,048	175,770	1,176,710	xxx	xxx
	Tobacco products:						
21110	Cigarettes.....	(D)	...	(D)	...	...	2,137,032
21210	Cigars.....	(D)	349,860	(D)	...	(D)	351,412
21310	Chewing and smoking tobacco and snuff.....	22,165	(D)	169,951	...	(D)	192,772
21411	Tobacco, redried.....	(D)	...	(D)	222,869	...	223,014
21412	Tobacco, stemmed.....	...	(D)	(D)	753,134	...	753,204
	Other products not primary to group 21.....	...	(D)	940	...	xxx	xxx
	Miscellaneous receipts.....	913	4,411	3,129	200,709	xxx	xxx
93000	Commission stemming, redrying, etc.....	(D)	(D)	344	39,220	xxx	xxx
95120	Warehousing and packing leaf tobacco.....	...	(D)	424	20,683	xxx	xxx
99980	Scrap and salable refuse.....	(D)	924	273	1,094	xxx	xxx
99989	Resales.....	852	3,434	2,088	139,712	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.



Table 6.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total production			
			1958		1954	
			Quantity	Value, excluding excise tax (\$1,000)	Quantity	Value, excluding excise tax (\$1,000)
2111---	Cigarettes, total.....	Millions..	470,536	2,137,032	402,487	1,623,895
	Filter tips:					
2111015	70 millimeters long.....	..do....	6,850	32,675	402,487	1,623,895
2111017	80 millimeters long.....	..do....	54,546	259,801		
2111019	85 millimeters long.....	..do....	151,641	724,846		
	Nonfilter tip:					
2111051	70 millimeters long.....	..do....	169,010	710,496	402,487	1,623,895
2111055	80 millimeters long.....	..do....	10,000	45,994		
2111055	85 millimeters long.....	..do....	78,489	363,220		
2121---	Cigars.....	.....	xxx	351,412	xxx	333,273
2121013	Cigars weighing less than 3 pounds per 1,000.....	Millions..	167	2,593	5,959	333,273
2121021	Cigarillos or similar sized cigars (3 to 10 pounds per 1,000 cigars).....	..do....	890	26,264		
2121031	Other cigars (more than 10 pounds per 1,000 cigars, finished weight).....	..do....	5,372	321,830		
2121000	Cigars, nsk.....	.....	xxx	725		
2131---	Chewing and smoking tobacco and snuff.....	.....	xxx	192,772	xxx	173,741
2131011	Smoking.....	1,000 lbs.	85,061	86,584	84,378	69,037
2131012	Fine-cut chewing and smoking.....	..do....	3,878	4,548	2,951	3,471
2131013	Scrap chewing.....	..do....	32,684	25,276	36,623	24,822
2131015	Twist chewing.....	..do....	3,746	5,241	4,853	5,500
2131017	Plug chewing.....	..do....	30,198	23,162	37,594	24,937
2131051	Snuff.....	..do....	34,679	43,224	38,728	41,523
2131055	Snuff flour, not packed for sale to consumers.....	..do....	xxx	4,737	13,547	4,451
2131000	Chewing and smoking tobacco and snuff, nsk.....	.....			...	...
Total production						
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2141---	Tobacco stemming and redrying, total.....	.....	xxx	976,217	xxx	1,018,580
21411--	Tobacco redried.....	.....	xxx	223,014		350,445
2141111	Packed for sale as such.....	1,000 lbs.	<sup>r</sup> 191,987	<sup>r</sup> 128,489	<sup>r</sup> 222,829	<sup>r</sup> 80,191
2141151	Packed for use in own manufacturing.....	..do....	<sup>r</sup> 147,652	<sup>r</sup> 94,525	<sup>r</sup> 387,674	<sup>r</sup> 270,254
21412--	Tobacco stemmed.....	.....	xxx	753,205	xxx	668,135
	Stemmed tobacco packed for sale as such.....	1,000 lbs.	<sup>r</sup> 62,210	<sup>r</sup> 40,479	<sup>r</sup> 51,179	<sup>r</sup> 28,679
2141211	Aged leaf.....	..do....	<sup>r</sup> 9,284	<sup>r</sup> 5,419	<sup>r</sup> 27,522	<sup>r</sup> 12,486
2141225	Leaf, not aged.....	..do....	<sup>r</sup> 52,926	<sup>r</sup> 35,060	<sup>r</sup> 23,657	<sup>r</sup> 16,193
	Stemmed tobacco for use in own manufacturing:					
	For transfer to another establishment of the reporting company (stemmed packed weight).....	..do....	<sup>r</sup> 747,269	<sup>r</sup> 701,202	<sup>r</sup> 729,251	<sup>r</sup> 636,979
2141221	Aged leaf.....	..do....	<sup>r</sup> 322,986	<sup>r</sup> 285,271	<sup>r</sup> 402,127	<sup>r</sup> 352,950
2141215	Leaf, not aged.....	..do....	<sup>r</sup> 424,283	<sup>r</sup> 415,931	<sup>r</sup> 327,124	<sup>r</sup> 284,029
2141231	For use in manufacturing in the reporting establishment (stemmed weight).....	..do....	96,341	xxx	4,274	xxx
2141298	Other stemmed tobacco products (primarily cigar filler).....	..do....	22,409	11,523	xxx	2,477
9300011	Work done on tobacco owned by others:					
	Redrying and packing leaf (packed weight).....	..do....	378,331	( <sup>1</sup> )	374,044	( <sup>1</sup> )
	Stemming leaf (stemmed packed weight):					
9300012	Aged leaf.....	..do....	33,643	( <sup>1</sup> )	17,378	( <sup>1</sup> )
9300013	Leaf, not aged.....	..do....	96,103	( <sup>1</sup> )	144,774	( <sup>1</sup> )
9300014	Other work on tobacco owned by others.....	..do....	57,236	( <sup>1</sup> )	60,856	( <sup>1</sup> )

NA Not available. <sup>r</sup>Revised.<sup>1</sup>Value included with miscellaneous receipts. See table 5B.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958

Code	Material	Unit of measure	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2111—CIGARETTES		INDUSTRY 2121—CIGARS		INDUSTRY 2131—CHEWING AND SMOKING TOBACCO		INDUSTRY 2141—TOBACCO STEMMING AND REDRYING	
	Materials, containers, and supplies, total.....		xxx	1,097,214	xxx	167,655	xxx	86,894	xxx	944,533
214111	Unstemmed leaf tobacco.....	1,000 lbs.	167,263	141,714	29,373	51,002	48,767	19,257	1,263,723	782,017
211131	Other tobacco materials.....	do.	837,554	734,994	95,165	84,861	89,701	41,210	146,690	139,670
282355	Cellophane (tubes, sheets, rolls).....		xxx	61,749	xxx	17,786	xxx	5,125	xxx	
260051	Paper and paperboard (excluding paperback foil and cigarette paper).....		xxx	21,122	xxx	4,377	xxx	853	xxx	120
970099	All other materials, containers and supplies, and materials, nsk..		xxx	137,635	xxx	9,629	xxx	20,449	xxx	22,726

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958, is omitted for industries that have a high degree of primary product specialization and consist of only one product class, since the statistics for the specialized establishments would be approximately the same as those for the entire industry in table 3.



# Major Group 22.—Textile Mill Products

This major group includes establishments engaged in performing any of the following operations regardless of the type of fiber used: (1) manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets and rugs, braids, laces, knit fabric, knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn, and fabrics; and (4) coating, waterproofing, and otherwise treating fabric. Establishments weaving or knitting fabrics and also manufacturing finished apparel or other fabricated textile products in the same establishment are

included in this major group; those manufacturing apparel and other fabricated textile products from fabrics knit or woven elsewhere are classified in Major Group 23, Apparel and Related Products. Knitwear converters, buying raw materials, arranging for the knitting and finishing, and selling the final product, are included as manufacturers in Group 225, Knitting Mills; however, other textile converters, jobbers, or dealers are classified in Trade Industries. The rubberizing of fabrics is classified in Major Group 30, Rubber Products.

Table 1.—GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees <sup>1</sup>		Production workers			Adjusted value added by manu- facture <sup>2</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	916,987	3,043,178	810,490	1,568,004	2,408,291	4,857,638	211,744
Administrative and auxiliary establishments <sup>3</sup> ....	(NA)	(NA)	15,310	105,038	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments <sup>4</sup> .....	7,675	4,617	901,677	2,938,140	810,490	1,568,004	2,408,291	4,857,638	211,744
Operating manufacturing establishments (based on old SIC).....	7,735	4,682	919,395	3,014,438	825,580	1,597,140	2,468,492	5,005,228	217,515
Operating manufacturing establishments:									
1957 <sup>5</sup> .....	(NA)	(NA)	988,951	3,183,279	893,348	1,736,328	2,631,527	5,196,690	289,055
1956 <sup>5</sup> .....	(NA)	(NA)	1,043,752	3,298,067	949,408	1,874,126	2,749,933	5,455,794	296,523
1955 <sup>5</sup> .....	(NA)	(NA)	1,058,807	3,240,654	966,420	1,920,952	2,708,228	5,312,182	262,304
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	1,049,900	3,110,751	947,502	1,821,075	2,526,564	4,709,250	225,914
Administrative and auxiliary establishments.....	(NA)	(NA)	12,460	78,261	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	8,070	4,862	1,037,440	3,032,490	947,502	1,821,075	2,526,564	4,709,250	225,914
Operating manufacturing establishments:									
1953 <sup>5</sup> .....	(NA)	(NA)	1,158,471	3,455,295	1,060,398	2,085,500	2,910,348	5,411,769	255,549
1952 <sup>5</sup> .....	7,584	(NA)	1,134,680	3,342,647	1,036,729	2,039,158	2,823,416	5,256,507	322,668
1951 <sup>5</sup> .....	7,758	(NA)	1,195,354	3,438,029	1,097,352	2,154,573	2,924,661	5,420,781	405,459
1950 <sup>5</sup> .....	8,434	(NA)	1,245,152	3,363,486	1,142,433	2,300,652	2,861,104	5,642,106	420,183
1949 <sup>5</sup> .....	(NA)	(NA)	1,169,812	2,973,327	1,065,473	2,070,909	2,509,922	4,740,938	418,545
1947 <sup>5</sup> .....	8,157	(NA)	1,232,293	2,832,706	1,146,293	2,306,636	2,447,857	5,322,899	367,510
1939 <sup>7</sup> .....	6,388	(NA)	(NA)	(NA)	1,081,710	(NA)	906,927	1,817,996	(NA)
1937 <sup>7</sup> .....	6,096	(NA)	(NA)	(NA)	1,138,219	(NA)	974,256	1,786,311	(NA)
1935.....	6,433	(NA)	1,129,651	986,100	1,069,569	(NA)	846,742	1,461,150	(NA)
1933.....	5,957	(NA)	(NA)	(NA)	971,557	(NA)	664,456	1,341,976	(NA)
1931.....	6,490	(NA)	(NA)	(NA)	904,159	(NA)	762,239	1,525,144	(NA)
1929.....	7,415	(NA)	1,189,644	1,292,650	1,120,200	(NA)	1,082,260	2,320,874	(NA)
1927.....	7,633	(NA)	1,207,750	1,314,012	1,143,017	(NA)	1,128,270	2,272,507	(NA)
1925.....	7,892	(NA)	1,200,782	1,272,442	1,134,667	(NA)	1,093,269	2,211,636	(NA)
1923.....	8,249	(NA)	1,262,849	1,344,904	1,190,295	(NA)	1,151,510	2,413,226	(NA)
1921.....	7,695	(NA)	1,072,116	1,070,686	1,012,384	(NA)	916,387	1,823,643	(NA)
1919.....	7,869	(NA)	1,139,341	1,108,425	1,076,104	(NA)	932,462	2,299,921	(NA)
1914.....	6,756	(NA)	1,013,494	476,467	975,583	(NA)	416,919	781,373	(NA)
1909.....	6,490	(NA)	(NA)	(NA)	932,247	(NA)	361,971	752,347	(NA)
1904.....	5,798	(NA)	813,327	307,017	785,993	(NA)	270,756	514,977	(NA)
1899.....	5,930	(NA)	716,028	249,791	697,50 <sup>6</sup>	(NA)	224,361	441,305	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

<sup>2</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For industries reporting the value of production, the adjustment for the change in finished products inventories was not made. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

<sup>3</sup>In addition to data for operating establishments, 1954 and 1958 data are shown for manufacturers' central administrative offices and auxiliary units. Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these units are not available for the years 1955-1957 and prior to 1949.

<sup>4</sup>The 1958 data are not completely comparable to data shown for prior years. In 1958 establishments primarily producing hats, except cloth and millinery were included in Major Group 23, while establishments primarily producing hard-surface floor covering, except asbestos, plastic or rubber, were included in Major Group 39. In 1957 and prior years they were included in Major Group 22. The 1957 employment in these industries was 12,428 for the hats except millinery industries and 8,736 for the hard-surface floor covering industry. In addition, establishments primarily engaged in shrinking and sponging of cloth are classified in Major Group 22 for 1958 but were included in Major Group 23 for 1957 and prior years. Such establishments had 1,723 employees in 1958.

<sup>5</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in The Annual Survey of Manufactures volumes for this period.

<sup>6</sup>Data for 1953 and prior years include establishments classified under the 1945 SIC in Industry 2274, "Hard Surface Floor Covering." Such establishments are excluded from the data for 1954 and subsequent years. In 1953 this industry had 10,374 employees and \$102,337 thousand value added by manufacture.

<sup>7</sup>The figures for 1939 and 1937 include data for establishments that cut and stitch products from knit cloth made in separate mills of integrated companies. For other years, data for these establishments are included in the figures for the apparel and related products industries.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
22	TEXTILE MILL PRODUCTS, TOTAL <sup>1</sup> . . . .	7 675	4 617	901 677	2 938 140	810 490	1 568 004	2 408 291	4 857 638	211 744	1 027 802	24 646 249
	NEW ENGLAND . . . . .	1 270	789	124 037	449 569	108 652	215 845	358 175	704 240	23 548	167 129	834 185
	MAINE . . . . .	74	56	13 575	43 333	12 332	24 385	37 171	65 697	1 934	19 000	88 500
	NEW HAMPSHIRE . . . . .	97	71	13 131	44 929	11 648	23 475	36 747	69 614	2 478	13 762	67 799
	VERMONT . . . . .	14	9	891	2 960	783	1 523	2 444	5 188	74	2 279	7 581
	MASSACHUSETTS . . . . .	540	325	52 983	197 226	46 059	92 151	154 926	323 814	11 079	69 450	352 350
	RHODE ISLAND . . . . .	378	223	27 980	101 662	24 585	48 075	80 718	147 394	4 783	35 981	179 107
	CONNECTICUT . . . . .	167	105	15 477	59 459	13 245	26 236	46 169	92 533	3 200	26 690	138 580
	MIDDLE ATLANTIC . . . . .	3 391	1 672	169 768	647 379	145 677	281 534	491 487	1 065 565	40 130	205 624	1 108 181
	NEW YORK . . . . .	1 729	707	60 105	237 948	49 721	95 778	170 745	410 471	16 622	66 184	416 048
	NEW JERSEY . . . . .	692	330	33 302	145 703	28 717	57 320	114 069	229 589	7 951	43 914	254 793
	PENNSYLVANIA . . . . .	970	635	76 361	263 728	67 239	128 436	206 673	425 505	15 557	95 000	433 320
	NORTH CENTRAL . . . . .	394	214	33 540	134 617	26 563	52 358	91 439	234 228	11 114	42 010	249 830
	OHIO . . . . .	96	54	9 310	39 090	7 623	15 382	27 814	67 382	2 605	11 432	78 245
	INDIANA . . . . .	12	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2 701	13 608
	ILLINOIS . . . . .	103	50	8 126	34 508	6 300	12 654	22 625	60 082	1 976	10 080	61 885
	MICHIGAN . . . . .	39	18	2 132	9 815	1 714	3 369	6 705	16 076	4 175	3 451	22 175
	WISCONSIN . . . . .	75	50	7 159	27 636	5 785	11 034	18 497	49 283	861	7 670	39 759
	MINNESOTA . . . . .	25	17	2 777	9 874	1 801	3 521	5 807	15 103	569	2 944	14 822
	IOA . . . . .	7	3	248	721	226	428	595	982	19	506	3 384
	MISSOURI . . . . .	31	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3 164	15 017
	NEBRASKA . . . . .	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	KANSAS . . . . .	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	SOUTH ATLANTIC . . . . .	1 932	1 528	477 634	1 419 618	441 055	850 198	1 227 632	2 373 379	115 384	501 300	2 005 000
	DELAWARE . . . . .	20	10	2 317	9 299	1 830	3 809	6 261	11 136	512	2 260	11 300
	MARYLAND . . . . .	41	27	3 325	11 292	2 905	5 771	9 050	18 929	679	4 135	18 537
	VIRGINIA . . . . .	111	93	34 935	113 327	31 341	62 368	94 873	208 310	7 033	37 032	163 399
	WEST VIRGINIA . . . . .	8	6	1 953	5 394	1 669	2 959	4 240	9 410	120	2 355	8 233
	NORTH CAROLINA . . . . .	1 085	846	211 124	609 740	195 992	369 304	529 056	1 012 404	48 666	222 851	861 554
	SOUTH CAROLINA . . . . .	292	267	128 136	400 428	118 533	236 673	349 553	665 147	30 349	129 091	559 826
	GEORGIA . . . . .	338	266	94 933	267 356	87 966	167 746	232 346	442 812	27 795	103 079	379 814
	FLORIDA . . . . .	37	13	911	2 782	819	1 568	2 253	5 231	230	471	1 923
	EAST SOUTH CENTRAL . . . . .	312	258	76 977	219 782	71 334	133 882	188 145	365 680	15 204	88 715	340 936
	KENTUCKY . . . . .	19	12	2 644	7 584	2 417	4 257	6 273	11 407	997	3 690	17 310
	TENNESSEE . . . . .	147	122	29 801	87 499	27 197	52 561	73 468	156 092	6 151	33 365	141 062
	ALABAMA . . . . .	117	102	39 511	110 809	37 141	68 318	96 566	178 155	7 023	46 440	166 535
	MISSISSIPPI . . . . .	29	22	5 021	13 890	4 579	8 746	11 838	20 026	1 033	5 220	16 027
	WEST SOUTH CENTRAL . . . . .	96	51	11 147	31 791	10 462	21 097	27 958	54 582	3 434	14 458	56 991
	ARKANSAS . . . . .	15	12	2 081	5 783	1 917	3 716	5 020	10 985	649	2 258	7 100
	LOUISIANA . . . . .	10	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	OKLAHOMA . . . . .	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	TEXAS . . . . .	67	33	7 275	21 463	6 868	14 265	18 987	33 587	2 583	8 636	33 754
	MOUNTAIN . . . . .	15	5	306	936	253	456	664	1 465	70	379	1 515
	MONTANA . . . . .	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	COLORADO . . . . .	4	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	NEW MEXICO . . . . .	3	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	UTAH . . . . .	7	4	241	641	201	348	461	966	(D)	246	856
	PACIFIC . . . . .	265	100	8 268	34 448	6 494	12 634	22 791	58 499	2 860	8 167	51 122
	WASHINGTON . . . . .	17	3	2 282	2 282	578	1 018	1 793	4 210	81	594	3 203
	OREGON . . . . .	21	13	2 228	9 903	1 614	3 062	5 504	8 127	1 024	2 759	14 411
	CALIFORNIA . . . . .	227	84	5 401	22 263	4 302	8 554	15 494	46 162	1 755	4 850	33 600
221	WEAVING MILLS, COTTON, TOTAL <sup>3</sup> . . . .	496	395	243 419	724 481	228 609	443 255	646 678	1 078 592	48 441	296 193	1 127 507
222	WEAVING MILLS, SYNTHETICS, TOTAL <sup>3</sup> . .	401	310	81 688	276 655	74 452	150 649	233 965	468 583	15 043	89 994	422 765
223	WEAVING, FINISHING MILLS, WOOL, TOTAL <sup>3</sup>	469	311	55 952	206 094	49 053	98 662	166 189	336 618	9 702	66 681	338 849
224	NARROW FABRIC MILLS, TOTAL <sup>3</sup> . . . . .	488	242	24 587	85 923	21 534	42 592	65 225	142 638	6 307	25 676	121 547
225	KNITTING MILLS, TOTAL . . . . .	2 786	1 704	213 346	649 773	190 232	349 121	520 063	1 101 375	43 618	221 364	938 138
	NEW ENGLAND . . . . .	123	76	11 505	38 728	9 743	18 449	29 070	70 275	2 037	10 224	51 247
	NEW HAMPSHIRE . . . . .	17	14	2 892	8 783	2 423	4 548	6 543	12 801	240	2 167	8 353
	MASSACHUSETTS . . . . .	56	32	5 695	19 385	4 805	9 146	14 066	37 398	986	5 499	27 815
	RHODE ISLAND . . . . .	16	11	898	3 344	719	1 429	2 409	7 538	265	699	4 038
	CONNECTICUT . . . . .	27	16	1 749	6 444	1 567	2 903	5 502	11 242	507	1 638	10 138
	MIDDLE ATLANTIC . . . . .	1 572	862	73 602	250 632	64 136	119 603	192 968	431 252	15 742	77 555	378 811
	NEW YORK . . . . .	922	467	32 243	118 263	27 187	51 027	86 608	220 060	7 652	29 443	171 209
	NEW JERSEY . . . . .	187	104	7 056	25 449	6 435	12 140	21 377	39 072	1 787	6 541	32 693
	PENNSYLVANIA . . . . .	463	291	34 303	106 920	30 514	56 436	84 983	172 120	6 303	41 570	174 908
	EAST NORTH CENTRAL . . . . .	87	61	10 645	37 900	8 883	16 930	26 145	70 717	963	12 569	57 570
	OHIO . . . . .	24	18	3 232	11 549	2 904	5 848	8 813	19 176	421	(*)	(*)
	ILLINOIS . . . . .	20	10	1 455	4 446	1 296	2 400	3 605	8 086	109	2 077	9 101
	WISCONSIN . . . . .	36	28	4 933	18 169	3 954	7 257	11 803	34 216	371	5 290	25 417

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
225	KNITTING MILLS--CONTINUED											
	WEST NORTH CENTRAL . . . . .	15	12	2 310	7 629	1 495	2 889	4 653	6 644	320	2 780	9 686
	MINNESOTA . . . . .	10	8	1 924	6 450	1 137	2 215	3 603	5 034	(D)	2 222	7 212
	SOUTH ATLANTIC . . . . .	752	528	84 048	224 989	77 791	138 765	194 281	380 436	17 588	82 305	307 486
	MARYLAND . . . . .	10	7	595	1 605	524	863	1 337	2 278	122	(*)	(*)
	VIRGINIA . . . . .	49	37	7 272	20 619	6 642	12 563	17 450	34 191	1 479	6 973	27 327
	NORTH CAROLINA . . . . .	570	402	62 186	165 436	57 863	101 639	143 612	282 363	13 191	60 313	229 648
	SOUTH CAROLINA . . . . .	29	23	2 646	7 314	2 377	4 562	6 200	9 648	366	1 909	6 810
	GEORGIA . . . . .	68	45	8 904	22 895	8 282	15 322	20 130	39 487	2 147	10 188	32 986
	FLORIDA . . . . .	10	6	538	1 584	501	951	1 357	2 853	100	231	1 077
	EAST SOUTH CENTRAL . . . . .	137	118	26 970	74 125	24 814	46 120	62 920	124 411	5 409	31 267	111 163
	KENTUCKY . . . . .	9	6	1 754	4 682	1 634	2 755	4 105	6 861	683	2 524	11 640
	TENNESSEE . . . . .	85	77	17 306	47 582	15 906	29 635	40 560	81 120	3 990	19 665	67 752
	ALABAMA . . . . .	27	20	5 035	14 188	4 645	8 747	11 715	25 593	206	5 952	20 846
	MISSISSIPPI . . . . .	16	15	2 875	7 673	2 629	4 983	6 540	10 837	530	3 125	10 924
	WEST SOUTH CENTRAL . . . . .	11	11	1 246	3 838	1 105	2 120	3 103	5 692	153	1 658	5 656
	TEXAS . . . . .	5	5	706	2 360	607	1 193	1 834	3 297	76	938	3 912
	MOUNTAIN . . . . .	7	3	235	605	196	342	432	908	14	282	1 115
	PACIFIC . . . . .	82	33	2 785	11 327	2 069	3 903	6 491	11 040	1 392	2 722	15 401
226	TEXTILE FINISHING, EXCEPT WOOL, TOTAL	798	385	73 205	292 977	62 573	129 535	229 358	455 945	21 386	79 308	464 165
	NEW ENGLAND . . . . .	131	92	15 913	67 058	13 559	28 570	52 576	93 982	4 162	21 398	130 424
	NEW HAMPSHIRE . . . . .	7	5	1 142	4 673	1 016	2 378	3 633	6 160	205	(*)	(*)
	MASSACHUSETTS . . . . .	56	38	6 640	28 068	5 699	12 157	22 400	44 779	2 328	8 153	51 278
	RHODE ISLAND . . . . .	40	31	5 945	24 664	5 010	10 052	19 148	29 611	975	8 878	49 796
	CONNECTICUT . . . . .	28	18	2 186	9 653	1 834	3 983	7 395	13 432	654	3 427	24 720
	MIDDLE ATLANTIC . . . . .	474	188	20 146	93 491	17 248	35 943	73 931	144 001	5 288	23 487	151 151
	NEW YORK . . . . .	257	61	5 259	23 578	4 451	9 150	18 227	40 460	1 845	6 075	41 463
	NEW JERSEY . . . . .	164	96	11 699	56 077	10 100	21 371	45 122	82 548	2 319	13 462	89 111
	PENNSYLVANIA . . . . .	53	31	3 188	13 836	2 697	5 422	10 582	20 993	1 124	3 949	20 576
	EAST NORTH CENTRAL . . . . .	33	10	891	3 792	749	1 515	2 547	6 418	188	1 084	6 101
	OHIO . . . . .	11	4	292	1 293	236	496	902	1 801	57	(*)	(*)
	WEST NORTH CENTRAL . . . . .	7	2	159	612	129	263	417	858	57	271	874
	SOUTH . . . . .	123	84	35 585	125 847	30 487	62 495	98 416	206 651	11 553	32 546	171 448
	VIRGINIA . . . . .	6	6	1 586	5 847	1 286	2 741	4 283	8 631	440	3 430	145 517
	NORTH CAROLINA . . . . .	49	32	8 149	28 122	6 779	13 566	20 448	41 778	3 125	7 578	36 884
	SOUTH CAROLINA . . . . .	25	23	18 447	66 458	16 116	33 403	54 450	113 290	5 840	13 740	79 556
	GEORGIA . . . . .	12	8	2 241	6 582	2 031	4 057	5 724	10 857	576	2 327	9 503
	TENNESSEE . . . . .	7	5	1 777	6 093	1 561	3 216	5 025	12 509	255	1 810	13 496
	ALABAMA . . . . .	5	4	1 795	6 071	1 561	3 124	4 375	11 139	770	(*)	(*)
	WEST . . . . .	30	9	511	2 177	401	749	1 471	4 035	138	519	4 165
227	FLOOR COVERING MILLS, TOTAL . . . .	282	172	33 668	123 269	28 369	56 634	92 057	260 466	14 527	(*)	(*)
	NEW ENGLAND . . . . .	47	25	3 301	13 547	2 701	5 337	9 851	18 315	1 156	(*)	(*)
	MASSACHUSETTS . . . . .	25	12	1 505	6 348	1 280	2 581	4 601	10 557	1 033	(*)	(*)
	MIDDLE ATLANTIC . . . . .	71	43	11 850	48 149	9 766	19 217	35 128	75 304	2 782	(*)	(*)
	PENNSYLVANIA . . . . .	43	27	5 945	25 115	4 854	9 546	18 118	47 998	1 444	(*)	(*)
	EAST NORTH CENTRAL . . . . .	12	7	1 819	8 059	1 324	2 668	5 403	11 137	397	(*)	(*)
	SOUTH . . . . .	124	82	15 642	49 417	13 747	27 748	38 872	147 430	9 849	(*)	(*)
	SOUTH CAROLINA . . . . .	8	7	1 442	4 731	1 256	2 589	3 711	20 331	571	(*)	(*)
	GEORGIA . . . . .	74	54	7 993	23 499	7 010	13 774	17 952	71 941	6 686	(*)	(*)
	TENNESSEE . . . . .	10	8	837	3 073	688	1 387	1 896	6 826	393	(*)	(*)
	PACIFIC . . . . .	28	15	1 056	4 097	831	1 664	2 803	8 280	343	(*)	(*)
	CALIFORNIA . . . . .	28	15	1 056	4 097	831	1 664	2 803	8 280	343	(*)	(*)
228	YARN AND THREAD MILLS, TOTAL . . . .	787	600	106 888	307 043	98 541	185 276	258 399	514 044	25 597	(*)	(*)
	NEW ENGLAND . . . . .	156	117	14 979	50 137	13 404	26 013	40 313	80 956	2 731	(*)	(*)
	MAINE . . . . .	9	8	941	2 799	895	1 788	2 511	4 763	547	(*)	(*)
	MASSACHUSETTS . . . . .	59	47	3 782	13 185	3 288	6 384	10 169	22 474	510	(*)	(*)
	RHODE ISLAND . . . . .	53	39	6 241	20 956	5 623	10 919	17 094	31 385	996	(*)	(*)
	CONNECTICUT . . . . .	21	16	3 448	11 432	3 087	6 010	9 068	19 891	314	(*)	(*)
	MIDDLE ATLANTIC . . . . .	227	123	12 511	42 433	10 861	20 896	32 607	72 311	2 560	(*)	(*)
	NEW YORK . . . . .	78	24	2 610	9 524	2 022	3 937	6 353	16 832	450	(*)	(*)
	NEW JERSEY . . . . .	48	17	1 570	5 799	1 396	2 753	4 561	10 034	190	(*)	(*)
	PENNSYLVANIA . . . . .	101	82	8 331	27 110	7 443	14 206	21 693	45 445	1 920	(*)	(*)
	NORTH CENTRAL . . . . .	21	11	1 272	4 723	1 087	2 127	3 182	7 062	346	(*)	(*)
	ILLINOIS . . . . .	5	3	810	2 831	712	1 349	2 065	4 392	281	(*)	(*)
	WISCONSIN . . . . .	6	3	143	511	127	246	384	738	22	(*)	(*)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
228	YARN AND THREAD MILLS--CONTINUED											
	SOUTH ATLANTIC . . . . .	329	307	68 191	181 075	63 849	118 889	157 287	306 237	17 679	(*)	(*)
	VIRGINIA . . . . .	6	6	1 098	3 205	1 053	2 162	3 012	5 306	13	(*)	(*)
	NORTH CAROLINA . . . . .	234	221	47 586	125 956	44 668	83 213	109 651	220 365	12 406	(*)	(*)
	SOUTH CAROLINA . . . . .	29	28	4 676	12 895	4 400	8 480	11 194	23 649	2 578	(*)	(*)
	GEORGIA . . . . .	53	47	14 183	36 911	13 132	23 801	31 669	53 084	2 610	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	39	38	9 549	27 451	8 994	16 718	23 980	45 649	2 099	(*)	(*)
	ALABAMA . . . . .	26	26	6 531	18 330	6 182	11 012	15 993	30 454	1 374	(*)	(*)
	WEST . . . . .	10	3	305	1 036	273	525	854	1 560	176	(*)	(*)
229	MISCELLANEOUS TEXTILE GOODS: TOTAL .	1 168	498	68 924	271 925	57 127	112 280	196 357	499 377	27 123	(*)	(*)
	NEW ENGLAND . . . . .	335	145	16 189	65 818	12 997	26 020	46 746	112 638	4 253	(*)	(*)
	MAINE . . . . .	11	6	384	1 141	329	691	912	2 323	21	(*)	(*)
	MASSACHUSETTS . . . . .	166	76	9 670	40 360	7 594	15 728	27 907	74 488	2 824	(*)	(*)
	RHODE ISLAND . . . . .	116	42	4 484	17 705	3 845	7 148	13 551	23 716	796	(*)	(*)
	CONNECTICUT . . . . .	34	17	1 348	5 554	976	1 919	3 646	10 221	487	(*)	(*)
	MIDDLE ATLANTIC . . . . .	406	149	17 915	77 786	14 604	28 497	53 808	128 960	6 742	(*)	(*)
	NEW YORK . . . . .	216	70	7 545	32 204	6 140	12 072	22 345	52 385	2 725	(*)	(*)
	NEW JERSEY . . . . .	114	41	5 365	25 751	4 359	8 728	17 820	44 527	2 038	(*)	(*)
	PENNSYLVANIA . . . . .	76	38	5 005	19 831	4 105	7 697	13 643	32 048	1 979	(*)	(*)
	EAST NORTH CENTRAL . . . . .	122	67	10 457	51 152	7 814	16 177	33 376	94 481	7 533	(*)	(*)
	OHIO . . . . .	37	19	4 254	20 590	3 234	6 551	14 207	37 847	1 783	(*)	(*)
	INDIANA . . . . .	7	3	442	1 727	362	688	1 251	3 546	185	(*)	(*)
	ILLINOIS . . . . .	40	24	3 434	17 399	2 376	5 248	10 053	33 032	1 233	(*)	(*)
	MICHIGAN . . . . .	22	12	1 510	7 442	1 180	2 255	4 944	11 853	4 055	(*)	(*)
	WISCONSIN . . . . .	16	9	817	3 994	662	1 435	2 921	8 203	277	(*)	(*)
	WEST NORTH CENTRAL . . . . .	28	9	1 542	5 077	1 283	2 458	3 908	12 848	290	(*)	(*)
	MINNESOTA . . . . .	9	5	534	2 031	427	828	1 402	7 684	225	(*)	(*)
	SOUTH ATLANTIC . . . . .	119	66	15 342	45 324	14 065	26 736	38 470	87 249	6 279	(*)	(*)
	SOUTH CAROLINA . . . . .	22	14	2 833	8 523	2 541	4 954	6 831	18 590	1 278	(*)	(*)
	GEORGIA . . . . .	25	15	6 896	19 687	6 462	12 000	17 413	36 291	3 928	(*)	(*)
	FLORIDA . . . . .	12	3	130	438	115	236	360	691	31	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	35	18	3 730	11 184	3 365	6 229	9 196	25 016	651	(*)	(*)
	TENNESSEE . . . . .	15	8	1 453	4 682	1 337	2 657	3 951	9 692	44	(*)	(*)
	ALABAMA . . . . .	12	7	1 723	4 771	1 565	2 697	4 001	11 488	543	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	40	14	1 526	5 005	1 324	2 587	3 842	13 016	603	(*)	(*)
	TEXAS . . . . .	29	9	907	2 609	801	1 555	2 047	4 976	97	(*)	(*)
	WEST . . . . .	83	30	2 223	10 579	1 675	3 576	7 011	25 169	772	(*)	(*)
	CALIFORNIA . . . . .	67	26	2 043	9 864	1 523	3 269	6 476	23 557	695	(*)	(*)

Note: Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>The 1954 totals for Major Group 22 are not completely comparable to the 1958 data because the 1954 information includes data for plants previously classified in old SIC industry group 228, "Hats (Except Cloth and Millinery)." These plants in 1954 had 12,988 employees and \$61,886 thousand value added by manufacture. In 1958, such plants are classified in Major Group 23. In addition, establishments primarily engaged in shrinking and sponging of fabrics were classified in Major Group 23 in 1954 and in Major Group 22 in 1958. Such plants in 1958 had 1,723 employees and \$10,709 thousand value added by manufacture.

<sup>2</sup>In order to avoid disclosing information for individual establishments, data for some States were rounded at the 4-digit level. Therefore, in some cases the States totals do not add to the divisional totals and the divisional totals do not add to the U.S. totals.

<sup>3</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

<sup>4</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.



Table 3-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Textile mill products (SIC 22)	Weaving mills, cotton (SIC 221)	Weaving mills, synthetic (SIC 222)	Weaving and finishing mills, wool (SIC 223)	Narrow fabric mills (SIC 224)	Knitting mills (SIC 225)	Textile finishing, except wool (SIC 226)	Floor covering mills (SIC 227)	Yarn and thread mills (SIC 228)	Miscellaneous textile goods (SIC 229)
Number of establishments, total.....	7,675	496	401	469	488	2,786	798	282	787	1,168
With 1-19 employees.....	3,058	101	91	158	246	1,082	413	110	187	670
With 20-99 employees.....	2,588	52	128	152	175	1,172	224	103	252	330
With 100 employees or more.....	2,029	343	182	159	67	532	161	69	348	168
Proprietors and working partners.....Number..	2,666	63	78	144	163	1,323	208	124	155	408
All employees:										
Number (average for the year).....	901,677	243,419	81,688	55,952	24,587	213,346	73,205	33,668	106,888	68,924
Payroll.....\$1,000..	2,938,140	724,481	276,655	206,094	85,923	649,773	292,977	123,269	307,043	271,925
Production workers:										
Number (average for the year).....	810,490	228,609	74,452	49,053	21,534	190,232	62,573	28,369	98,541	57,127
March.....	804,112	233,318	74,647	47,756	21,561	180,071	62,440	29,358	98,038	56,923
May.....	796,037	226,415	73,229	49,577	20,965	185,844	61,744	26,814	96,768	54,681
August.....	815,744	225,710	74,807	50,469	21,321	197,536	62,596	27,380	98,638	57,287
November.....	827,764	228,994	75,125	48,410	22,289	199,268	63,512	29,924	100,717	59,525
Man-hours.....1,000..	1,568,004	443,255	150,649	98,662	42,592	349,121	129,535	56,634	185,276	112,280
January-March.....do....	386,636	115,009	37,291	23,397	10,556	80,089	32,299	14,651	45,809	27,535
April-June.....do....	382,895	107,765	36,658	25,633	10,509	85,295	32,441	13,164	44,543	26,887
July-September.....do....	383,552	104,601	37,263	25,152	10,181	89,982	30,848	12,789	45,446	27,290
October-December.....do....	414,921	115,880	39,437	24,480	11,346	93,755	33,947	16,030	49,478	30,568
Wages.....\$1,000..	2,408,291	646,678	233,965	166,189	65,225	520,063	229,358	92,057	258,399	196,357
Value added by manufacture, adjusted....do....	4,857,638	1,078,592	468,583	336,618	142,638	1,101,375	455,945	260,466	514,044	499,377
Cost of fuels consumed.....do....	84,003	13,878	5,357	8,773	1,426	10,291	27,255	4,176	5,038	7,809
Cost of electricity purchased.....do....	117,137	41,944	12,650	7,233	2,103	11,342	8,624	2,649	19,381	11,211
Manufacturers' inventories:										
Beginning of year, total.....do....	2,130,671	629,262	244,522	199,129	51,290	381,897	79,051	166,226	124,265	255,029
Finished products.....do....	842,690	300,749	87,840	53,941	20,132	166,480	18,393	67,457	32,283	95,405
Work-in-process.....do....	528,969	127,574	74,371	70,611	13,507	106,171	19,674	43,613	25,831	47,617
Materials, supplies, fuels, etc.....do....	759,012	200,939	82,311	74,577	17,651	109,236	40,984	55,156	66,151	112,007
End of year, total.....do....	2,085,739	589,864	230,392	170,110	50,894	374,757	79,695	153,250	210,888	225,889
Finished products.....do....	777,296	254,211	84,371	42,995	18,961	153,795	18,791	58,792	61,582	83,798
Work-in-process.....do....	552,790	126,878	70,845	65,752	13,713	110,283	20,440	41,107	59,511	44,261
Materials, supplies, fuel, etc.....do....	755,653	208,775	75,176	61,363	18,220	110,679	40,464	53,351	89,795	97,830
Expenditures for plant and equipment, total.....do....	246,312	56,216	18,472	13,227	6,998	50,102	24,910	15,533	32,100	28,754
New, total.....do....	211,744	48,441	15,043	9,702	6,307	43,618	21,396	14,527	25,597	27,123
New structures and additions to plant.....do....	37,354	6,775	2,091	1,849	1,859	7,282	3,823	4,197	3,602	5,876
New machinery and equipment.....do....	174,390	41,666	12,952	7,853	4,448	36,336	17,573	10,330	21,995	21,247
Used plant and equipment.....do....	34,568	7,775	3,429	3,525	691	6,484	3,524	1,006	6,503	1,631

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.





## TEXTILE MILLS: MACHINERY, FIBER, AND FABRIC CONSUMPTION

This report supplements the 1958 Census of Manufactures data shown in the industry chapters which follow. Data included in this report were generally collected as part of the Census of Manufactures. In some cases, the tables are based upon reports collected in the Census Bureau's monthly, quarterly, and annual Current Industrial Reports. The sources of the data and statements regarding their coverage and limitations are outlined below.

### 1. MACHINERY

As part of the Census of Manufactures, an inventory of textile machinery in place was obtained for a number of the important machines operated in the basic textile industries. These data are grouped by type of operation or industry activity of

the plant and shown in the table 1 series. All of the machinery data, except table 1E, "Woolen and Worsted System Machinery for Textile Fiber and Yarn Preparation," were collected as part of the Census of Manufactures. Table 1E is based on the annual Current Industrial Reports Series M22E.

In order to evaluate the reporting of this information, a specific machine or group of machines were designated for each industry as a control item where it was expected that all establishments in an industry would have such equipment. Total employment was then tabulated for those establishments reporting the specified type of equipment. The employment of the reporting establishment as a percent of the total industry employment is shown in the table below, together with the machine that was designated for the control.

Industry	Machinery item used as a measure of control	Reporting establishments total employment as a percent of the industry's total employment
2211, Weaving Mills, Cotton	Looms	96%
2221, Weaving Mills, Synthetics	Looms	95%
2231, Weaving and Finishing Mills, Wool	Looms	91% (weaving mills only)
2241, Narrow Fabric Mills	Narrow looms or braiders	80% (excluding covered rubber thread producers)
2261, Finishing Plants, Cotton	Any finishing equipment	83%
2262, Finishing Plants, Synthetics	Any finishing equipment	77%
2271, Woven Carpets and Rugs	Carpet looms	97%
2281, Yarn Mills, Except Wool	Spinning spindles	95%
2282, Throwing and Winding Mills	Doubling, twisting, or throwing spindles	74%
2296, Tire Cord and Fabric	Doubling and twisting spindles	95%

Companies reporting on the short form (see Introduction - The Census Report Forms) were not requested to report machinery information and were tabulated as nonrespondents in the above table.

For industries not listed above, data were not collected for a specific machine that all plants of the industry could be expected to have. Therefore, the coverage of reporting for those industries is not available.

To some extent, the reporting percentage shown above understates the reporting of machinery because plants that went out of business during the year generally did not report any equipment in place at the end of the year. Those plants were not counted as respondents to the machinery inquiries.

On the 1958 report form, respondents were asked to report the number of machines in place. In 1954, the inquiry requested number of machines in possession. The effect, if any, of this change in definition is not known.

In the Census Bureau's Current Industrial Reports, machinery data are collected for cotton system spindles in Series M22P and broad looms in Series M22T. These figures are greater than the comparable figures shown in this publication by three to five percent. The differences between the two sets of figures are to some extent accounted for by establishments that did not report their machinery data as indicated above.

An additional reason for the differences in the data is that some establishments reporting machinery data in the Current Industrial Reports are classified in industries which were not requested to report machinery information in the Census of Manufactures. For example, knitting mills producing yarn for own use did not report spinning spindles in place.

## 2. FIBER CONSUMPTION

The fiber consumption data shown in the table 2 series are based upon monthly reports collected in the Current Industrial Reports Series M22P. These monthly reports were tabulated by industry and/or State for this publication. The industry classification used for this purpose was based on the old Standard Industrial Classification. For clarity in presentation, the new SIC designations are shown. However, in some cases the new SIC codes are not completely comparable to the old SIC. This is particularly true for new SIC Groups 227, "Floor Covering Mills," and 228, "Yarn and Thread Mills," which are shown separately in table 2. The SIC revisions for these industries are discussed in some detail in the 1958 Census of Manufactures Industry Reports MC58(2)-22D and 22E.

## 3. FABRIC CONSUMPTION

For the 1958 Census, data were collected for the consumption of broad-woven fabrics for a number of industries where this consumption was believed to be significant. This information was previously published in table 7, "Materials Consumed, by Kind," in the various Industry Reports. Table 3 in this report summarizes the broad-woven fabrics data as published previously.

In each of the individual table 7's, detailed materials data were collected for piece goods and other materials. However, in each industry a portion of the total cost of materials was not specified by kind. This cost that was not specified by kind represented the total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and the total cost of materials reported for those establishments which failed to report cost of individual materials on the "standard forms." The "cost of materials not specified by kind" would therefore include the quantity and cost of piece goods consumed by a number of establishments.

In preparing table 3 of this report, data previously published in the table 7's are shown in the columns headed "Reported." The cost figures for the materials "not specified by kind" were then allocated to the piece goods costs in the same proportion that piece goods represented of the total cost of materials that were reported in detail. Quantity data were then estimated using the same unit value as that reported by other establishments in the industry. The combined total of the amounts reported and the amounts estimated are shown in the columns headed "Estimated Total."

For some industries, the quantity data for relatively small costs of fabrics were not available. In such cases, the quantities have been estimated based on the unit value reported by a closely related industry.

The fabric consumption data for the Rubber Industries, 3011, 3021, 3031, and 3069, were collected in thousands of pounds instead of thousands of yards as collected for all other industries shown in this report. A satisfactory conversion factor was not available for converting these pound figures to yards. Therefore, the quantities in pounds were added to the quantities in yards reported by the other industries in order to obtain some approximate total figures. The resulting figures are consequently understated because the fabric consumed probably exceeded one yard per pound.



Table 1A.--Cotton System Machinery for Textile Fiber and Yarn Preparation: December 31, 1958 and 1954

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents selected machinery data for establishments classified in the following Industries:

2211 - Weaving Mills, Cotton  
2221 - Weaving Mills, Synthetics  
2281 - Yarn Mills, Except Wool

2282 - Throwing and Winding Mills  
2284 - Thread Mills  
2296 - Tire Cord and Fabric

Type of machine	December 31, 1958		December 31, 1954	
	Total in place	Idle entire year	Total in possession	Idle entire year
Pickers.....	3,276	22	(NA)	(NA)
Cards.....	88,312	583	88,670	1,003
Combers.....	4,737	67	5,996	294
Roving machinery (thousands of spindles).....	1,307	37	2,034	80
Long draft.....	997	11	1,277	20
Regular draft.....	310	26	757	60
Silk spinning spindles (thousands).....	106	12	203	15
Cotton system spinning spindles (thousands).....	19,230	110	21,607	403
Mule spinning spindles.....	20	19	33	30
Ring spinning spindles.....	19,210	91	21,574	373
By type:				
Long draft.....	17,856	57	18,153	91
Regular draft.....	1,354	34	3,421	282
By ring size:				
1-3/8 inches and smaller.....	2,615	10	3,776	99
Long draft.....	2,456	...	(NA)	(NA)
Regular draft.....	159	10	(NA)	(NA)
1-7/16 inches through 1-3/4 inches.....	3,840	20	5,242	127
Long draft.....	3,479	11	(NA)	(NA)
Regular draft.....	361	9	(NA)	(NA)
1-13/16 inches through 2-1/4 inches.....	9,428	40	9,856	134
Long draft.....	8,834	27	(NA)	(NA)
Regular draft.....	594	13	(NA)	(NA)
2-5/16 inches and larger.....	3,327	21	2,700	13
Long draft.....	3,087	19	(NA)	(NA)
Regular draft.....	240	2	(NA)	(NA)
Doubling and twisting spindles (thousands).....	2,718	75	2,992	202
Ring spindles by ring size:				
1-3/4 inches and smaller.....	72	( <sup>1</sup> )	190	65
1-3/16 inches through 2-3/8 inches.....	541	20	795	56
2-7/16 inches through 3-1/2 inches.....	1,223	35	1,348	66
3-9/16 inches and larger.....	821	15	659	15
Flyer and other twisting and doubling spindles.....	61	5	(NA)	(NA)
Throwing spindles (thousands).....	<sup>2</sup> 1,729	107	2,629	192
Warping equipment:				
High speed warpers.....	1,622	30	( <sup>3</sup> )	( <sup>3</sup> )
Low speed warpers.....	622	45	1,245	123

NA Not available.

<sup>1</sup>Less than one thousand.

<sup>2</sup>A number of plants reporting the production of thrown yarn reported doubling and twisting spindles rather than throwing spindles.

<sup>3</sup>The 1954 data for high speed warpers appear to have been overstated. However, the material needed to correct this information was not available.

Table 1B.--Woolen and Worsted System Machinery for Textile Fiber and Yarn Preparation:  
December 31, 1958 and 1955

Type of machine	Number in place	
	December 31, 1958	December 31, 1955
Woolen spinning spindles.....	725,083	817,254
Carpet and carpet yarn mills.....	105,935	(NA)
Carpet yarn mills.....	35,961	(NA)
Carpet weaving mills with spinning spindles.....	69,974	(NA)
Other mills.....	619,148	(NA)
Worsted spinning spindles.....	659,952	925,736
Ring.....	538,608	(NA)
Others (mule, cap, flyer).....	121,344	(NA)
Worsted combs.....	1,558	2,092
Combs for recombining.....	217	(NA)
Other combs.....	1,341	(NA)
Noble.....	548	(NA)
French.....	793	(NA)
Less than 16" wide <sup>1</sup> .....	453	(NA)
16" or over <sup>1</sup> .....	340	(NA)

Source: Current Industrial Reports Series M22E.

NA Not available.

<sup>1</sup>Pinning on circular comb (half-lap).

Table 1C.--Looms in Cotton and Man-Made Fiber Weaving Mills,  
by Geographic Divisions and States: 1958

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents machinery data for establishments classified in the following industries:

2211 - Weaving Mills, Cotton	2281 - Yarn Mills, Except Wool
2221 - Weaving Mills, Synthetics	2282 - Throwing and Winding Mills
2261 - Finishing Plants, Cotton	2296 - Tire Cord and Fabric
2269 - Finishing Plants, NEC	

Division and State <sup>1</sup>	Number of looms	
	1958	1954
UNITED STATES, TOTAL.....	415,517	482,879
New England.....	48,171	80,684
Maine.....	7,585	14,957
New Hampshire.....	5,438	(NA)
Massachusetts.....	23,456	41,547
Rhode Island.....	7,366	9,952
Connecticut.....	4,326	6,925
Middle Atlantic.....	14,736	26,360
New York.....	1,314	1,844
New Jersey.....	2,611	6,743
Pennsylvania.....	10,811	17,773
South Atlantic.....	309,036	323,698
Virginia.....	20,105	22,946
North Carolina.....	77,044	88,123
South Carolina.....	152,402	155,950
Georgia.....	59,070	56,011
South Central.....	42,994	50,321
Tennessee.....	7,190	6,877
Alabama.....	27,415	30,915
Arkansas.....	1,061	(NA)
Texas.....	5,210	4,885
North Central and West.....	580	1,816

NA Not available.

<sup>1</sup>Individual States are not listed if the number of looms reported in that State is zero, or if the data are withheld in order to avoid disclosure of individual company information. In the latter case (for 1958: Ohio, Illinois, Wisconsin, Missouri, Maryland, Florida, Kentucky, Mississippi, Oklahoma, and Oregon; for 1954: New Hampshire, Vermont, Ohio, Indiana, Illinois, Michigan, Wisconsin, Missouri, Maryland, Florida, Kentucky, Mississippi, Arkansas, Louisiana, Oklahoma, Utah, and Oregon) the figures are included in the division.



Table 1D.--Looms in Woolen and Worsted Mills, by Geographic Divisions and States: 1958 and 1954

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents machinery data for establishments classified in Industry 2231, Weaving, Finishing Mills, Wool, and Industry 2283, Wool Yarn Mills.

Division, region, and State <sup>1</sup>	Number of looms	
	1958	1954
UNITED STATES, TOTAL.....	13,332	22,399
New England.....	5,817	11,618
Maine.....	887	1,369
New Hampshire.....	920	1,435
Vermont.....	128	705
Massachusetts.....	2,560	5,258
Rhode Island.....	704	1,699
Connecticut.....	618	1,152
Middle Atlantic.....	2,136	4,446
New York.....	347	570
New Jersey.....	347	1,395
Pennsylvania.....	1,442	2,481
North Central.....	631	1,663
Ohio.....	241	1,058
Wisconsin.....	137	(NA)
South and West.....	4,748	4,672
Virginia.....	728	(NA)
North Carolina.....	895	1,496
South Carolina.....	971	674
Georgia.....	1,244	1,037
Tennessee.....	296	(NA)
Oregon.....	196	(NA)

NA Not available.

<sup>1</sup>Individual States are not listed if the number of looms reported in that State is zero, or if the data are withheld in order to avoid disclosure of individual company information. In the latter case (for 1958: Illinois, Michigan, Minnesota, Iowa, Missouri, Maryland, West Virginia, Alabama, Mississippi, Texas, Utah, and Washington; and for 1954: Indiana, Illinois, Wisconsin, Minnesota, Iowa, Maryland, Virginia, West Virginia, Tennessee, Alabama, Texas, Utah, Washington, and Oregon), the figures are included in the regional or division total.

Table 1E.--Looms and Braiders in Narrow Fabric Mills: December 31, 1958

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents selected machinery data for establishments classified in Industry 2241, Narrow Fabric Mills

Type of machine	Number in place December 31, 1958		Idle entire year 1958	
	Braiders	Carriers	Braiders	Carriers
Braiding machines:				
Elastic.....	52,003	900,661	6,162	48,857
Nonelastic.....	28,135	818,646	4,165	110,686
	Looms	Weaving spaces	Looms	Weaving spaces
Narrow looms.....	9,397	351,906	803	35,643

## MANUFACTURES-INDUSTRY STATISTICS

Table 1F--Textile Finishing Machinery in Cotton and Man-Made Fiber Mills  
and Finishing Plants: December 31, 1958 and 1954

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents data for establishments classified in the following Industries:

2211 - Weaving Mills, Cotton  
2221 - Weaving Mills, Synthetics  
2261 - Finishing Plants, Cotton  
2262 - Finishing Plants, Synthetics  
2269 - Finishing Plants, NEC

2281 - Yarn Mills, Except Wool  
2282 - Throwing and Winding Mills  
2284 - Thread Mills  
2296 - Tire Cord and Fabric

Type of machine	Number of machines			
	1958		1954	
	Primarily processing cotton broad-woven fabrics	Primarily processing man-made fiber and silk broad-woven fabrics	Primarily processing cotton broad-woven fabrics	Primarily processing man-made fiber and silk broad-woven fabrics
Bleaching equipment:				
Kiers, open and closed.....	540	16	968	85
Continuous bleaching systems:				
Rope.....	79	2	105	33
Open width.....	63	20		
Piece dyeing machines:				
Jigs.....	1,572	1,224	2,143	1,809
Pads.....	288	138	472	315
Becks.....	343	1,291	498	1,226
Continuous dyeing ranges.....	184	35		
Other dyeing machines.....	259	247	(NA)	(NA)
Printing equipment:				
Roller printing machines.....	330	108	424	212
Flocking or flock printing machines.....	16	56	22	32
Automatic screen printing machines.....	32	5	(NA)	(NA)
Plisse machines (caustic soda crepe).....	19	...	34	...

NA Not available.

Table 1G--Carpet and Rug-Weaving Looms: December 31, 1958 and 1954

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents machinery data for establishments classified in the following Industries: 2271, Woven Carpets and Rugs; 2272, Tufted Carpets and Rugs, and 2279, Carpets and Rugs, NEC.

Size of loom	Looms by type				
	All types	Axminster	Jacquard	Velvet	Other types
December 31, 1958					
Number of looms in place, total.....	3,234	678	1,046	944	566
3/4 yard looms.....	974	201	408	260	105
4/4 yard looms.....	260	15	90	63	92
6/4 yard looms.....	70	2	7	34	27
8/4, 10/4, and 11/4 yard looms.....	127	5	14	3	105
12/4 yard looms.....	654	241	140	180	93
14/4 and 16/4 yard looms.....	742	178	245	258	61
20/4 yard looms.....	368	35	137	135	61
24/4 and larger looms.....	39	1	5	11	22
December 31, 1954					
Number of looms in possession, total.....	5,411	1,862	1,652	1,211	686
3/4 yard looms.....	1,928	666	761	435	66
4/4 yard looms.....	646	128	245	148	125
6/4 yard looms.....	97	17	17	26	37
8/4, 10/4, and 11/4 yard looms.....	240	55	24	30	131
12/4 yard looms.....	1,238	626	213	275	124
14/4 and 16/4 yard looms.....	887	358	256	200	93
20/4 yard looms.....	266	32	129	82	39
24/4 and larger looms.....	32		7	9	
Looms not specified by size.....	77	...	...	6	71



Table 1H.--Spinning, Throwing, and Weaving Equipment in Cotton and Man-Made Fiber Weaving Mills, by Size of Mill and Degree of Integration: December 31, 1958

(Data which cannot be shown without disclosing information for individual companies have been combined with figures for the next smaller size class. A (D) appears in the column where the figure has been omitted and the combined figure is underlined in the next smaller size class)

Mills classified by number of looms in possession	All mills, total	Degree of integration <sup>1</sup>					
		Weaving only	Spinning and weaving	Throwing and weaving	Spinning, throwing, and weaving	Weaving and finishing	Spinning and/or throwing, weaving, and finishing
All mills with looms:							
Number of mills.....	676	229	313	38	6	26	64
Number of cotton and silk system spinning spindles...1,000...	14,940	...	12,197	...	164	...	2,579
Number of throwing and twisting spindles.....do....	857	...	...	595	199	...	63
Number of looms.....	415,517	43,943	275,375	22,909	7,882	3,220	62,188
Mills with 2,000 or more looms:							
Number of mills.....	34	(D)	27	(D)	(D)	...	4
Number of cotton and silk system spinning spindles...1,000...	3,928	...	3,034	...	(D)	...	(D)
Number of throwing and twisting spindles.....do....	(D)	...	...	(D)	(D)	...	...
Number of looms.....	109,583	(D)	82,815	(D)	(D)	...	18,747
Mills with 1,500-1,999 looms:							
Number of mills.....	35	(D)	25	...	<u>3</u>	...	6
Number of cotton and silk system spinning spindles...1,000...	2,409	...	1,884	...	<u>111</u>	...	<u>1,308</u>
Number of throwing and twisting spindles.....do....	(D)	...	...	...	(D)	...	...
Number of looms.....	60,035	(D)	42,317	...	<u>6,237</u>	...	10,584
Mills with 1,000-1,499 looms:							
Number of mills.....	59	<u>8</u>	41	<u>4</u>	...	...	10
Number of cotton and silk system spinning spindles...1,000...	2,581	...	2,165	...	...	...	416
Number of throwing and twisting spindles.....do....	<u>316</u>	...	...	(D)	...	...	(D)
Number of looms.....	72,637	<u>10,989</u>	50,786	<u>7,281</u>	...	...	12,499
Mills with 500-999 looms:							
Number of mills.....	143	11	98	14	(D)	...	(D)
Number of cotton and silk system spinning spindles...1,000...	3,607	...	2,993	...	(D)	...	(D)
Number of throwing and twisting spindles.....do....	344	...	...	313	(D)	...	(D)
Number of looms.....	97,274	6,697	65,744	9,980	(D)	...	(D)
Mills with 100-499 looms:							
Number of mills.....	243	88	103	16	<u>3</u>	12	<u>41</u>
Number of cotton and silk system spinning spindles...1,000...	2,314	...	2,028	...	<u>22</u>	...	<u>847</u>
Number of throwing and twisting spindles.....do....	181	...	...	178	(D)	...	(D)
Number of looms.....	67,884	20,385	32,566	5,444	<u>1,645</u>	2,551	<u>20,146</u>
Mills with 50-99 looms:							
Number of mills.....	74	54	10	(D)	...	(D)	3
Number of cotton and silk system spinning spindles...1,000...	65	...	57	...	...	...	8
Number of throwing and twisting spindles.....do....	(D)	...	...	(D)	...	...	...
Number of looms.....	5,315	3,894	682	(D)	...	(D)	212
Mills with 1-49 looms:							
Number of mills.....	88	68	9	<u>4</u>	...	<u>14</u>	...
Number of cotton and silk system spinning spindles...1,000...	36	...	36	...	...	...	...
Number of throwing and twisting spindles.....do....	16	...	...	(D)	...	...	...
Number of looms.....	2,789	1,978	465	<u>204</u>	...	<u>669</u>	...

<sup>1</sup> D Withheld to avoid disclosing figures of individual companies.

<sup>2</sup> Data are shown in this table for cotton and man-made fiber weaving mills reporting looms in place as tabulated in table 1C. Degree of integration was determined by type of machinery reported.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1I.--Spinning and Weaving Equipment in Woolen and Worsted Mills,  
by Size of Mill and Degree of Integration: December 31, 1958

Mills classified by number of looms in possession	All mills, total	Degree of integration <sup>1</sup>	
		Weaving only	Spinning and weaving
All mills, total:			
Number of mills.....	201	44	157
Number of woolen and worsted spinning spindles.....1,000...	595	...	595
Number of looms.....	13,332	2,745	10,587
Mills with 100-499 looms:			
Number of mills.....	33	7	26
Number of woolen and worsted spinning spindles.....1,000...	242	...	242
Number of looms.....	5,483	1,096	4,387
Mills with 50-99 looms:			
Number of mills.....	67	14	53
Number of woolen and worsted spinning spindles.....1,000...	211	...	211
Number of looms.....	4,694	965	3,729
Mills with 1-49 looms:			
Number of mills.....	101	23	78
Number of woolen and worsted spinning spindles.....1,000...	142	...	142
Number of looms.....	3,155	684	2,471

<sup>1</sup>Data are shown in this table for woolen and worsted weaving mills reporting looms in place as tabulated in table 1D. Degree of integration was determined by type of machinery reported.

Table 2A.--Consumption of Raw Cotton by Industry and State: 1958

(Domestic cotton in running bales; foreign cotton in equivalent 500 pound bales)

Divisions, regions, and States	Total, all industries	Industry and industry group						
		Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Knitting mills (SIC 225-)	Yarn mills, except wool (SIC 2281)	Thread mills (SIC 2284)	Miscellaneous textile goods (SIC 229-)	All other industries
United States, total.....	8,131,756	5,911,290	119,807	53,437	1,835,431	92,315	43,804	75,672
New England.....	296,376	253,857	( <sup>3</sup> )	...	8,782	( <sup>3</sup> )	2,872	6,850
Maine.....	116,314	116,314	...	...	...	...	( <sup>1</sup> )	...
New Hampshire.....	( <sup>4</sup> )	( <sup>4</sup> )	...	...	...	...	( <sup>1</sup> )	...
Massachusetts.....	99,819	72,983	( <sup>3</sup> )	...	8,782	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Rhode Island.....	( <sup>4</sup> )	( <sup>4</sup> )	...	...	...	...	( <sup>1</sup> )	...
Connecticut.....	17,681	( <sup>2</sup> )	( <sup>2</sup> )	...	...	( <sup>2</sup> )	...	( <sup>2</sup> )
Middle Atlantic.....	15,497	( <sup>2</sup> )	...	...	( <sup>2</sup> )	...	( <sup>1</sup> )	( <sup>2</sup> )
New York.....	4,732	( <sup>2</sup> )	...	...	( <sup>2</sup> )	...	( <sup>1</sup> )	( <sup>1</sup> )
New Jersey.....	10,007	( <sup>2</sup> )	...	...	...	...	...	( <sup>2</sup> )
North Central.....	17,235	( <sup>2</sup> )	...	...	( <sup>2</sup> )	...	( <sup>1</sup> )	8,751
Illinois.....	13,837	...	...	...	( <sup>2</sup> )	...	( <sup>1</sup> )	7,436
South.....	7,798,218	5,648,954	( <sup>4</sup> )	53,437	1,817,510	( <sup>4</sup> )	38,896	51,314
Maryland.....	( <sup>3</sup> )	( <sup>3</sup> )	...	...	( <sup>1</sup> )	...	( <sup>1</sup> )	...
Virginia.....	195,613	( <sup>4</sup> )	...	...	...	...	...	( <sup>2</sup> )
North Carolina.....	2,387,313	1,162,561	37,685	( <sup>3</sup> )	1,136,167	19,707	12,615	4,209
South Carolina.....	2,404,503	2,203,318	57,858	( <sup>2</sup> )	110,847	( <sup>3</sup> )	...	( <sup>3</sup> )
Georgia.....	1,498,169	1,106,077	...	( <sup>2</sup> )	332,524	31,025	...	( <sup>3</sup> )
Kentucky.....	( <sup>2</sup> )	( <sup>2</sup> )	...	...	( <sup>2</sup> )	...	...	( <sup>1</sup> )
Tennessee.....	176,322	87,235	( <sup>4</sup> )	...	( <sup>4</sup> )	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>1</sup> )
Alabama.....	890,363	670,465	( <sup>3</sup> )	...	191,165	...	( <sup>3</sup> )	( <sup>1</sup> )
Mississippi.....	( <sup>4</sup> )	( <sup>4</sup> )	...	...	...	...	...	...
Arkansas.....	( <sup>3</sup> )	( <sup>3</sup> )	...	...	...	...	...	...
Oklahoma.....	( <sup>3</sup> )	( <sup>3</sup> )	...	...	...	...	...	( <sup>1</sup> )
Texas.....	150,623	140,531	...	...	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
West.....	4,430	...	...	...	...	...	( <sup>2</sup> )	( <sup>2</sup> )
California.....	( <sup>2</sup> )	...	...	...	...	...	( <sup>2</sup> )	( <sup>2</sup> )

Note: These data are based on monthly reports on Census Form M22P and excludes consumption on the woolen and worsted systems. Individual States are shown where total consumption was over 3,000 bales. Where the data are withheld to avoid disclosing information for individual companies, the figures shown below have been used to indicate consumption size ranges:

- (<sup>1</sup>) Less than 1,000 bales
- (<sup>2</sup>) 1,000 to 9,999 bales
- (<sup>3</sup>) 10,000 to 24,999 bales
- (<sup>4</sup>) 25,000 or more bales.

The industry and industry groups are based on the old SIC definitions. The new definitions are comparable to the old definitions for all industries shown in this table except new Industry 2281. The old Industry 2224 included tire cord and tire fabric mills which are excluded from the new Industry 2281. Other revisions were also made to the industry definition to include in Industry 2281 mills primarily producing cotton and synthetic yarns on woolen and worsted equipment.



Table 2B.--Consumption of Man-Made Fiber Staple on the Cotton System, by Industry and State: 1958

(Thousands of pounds)

Division, region, and State	Total, all industries	Industry and industry group				
		Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Floor covering mills (SIC 227-)	Yarn and thread mills (SIC 228-)	Other industries
United States, total.....	454,238	108,611	197,695	13,507	124,881	9,544
Northeast.....	23,033	6,598	7,671	...	5,896	2,868
Maine.....	(3)	(3)	...	...	...	(1)
New Hampshire.....	8,176	(1)	(3)	...	(2)	...
Massachusetts.....	5,753	(1)	(2)	...	1,872	(2)
Connecticut.....	(2)	...	(1)	...	(2)	(1)
Pennsylvania.....	(2)	...	...	...	(1)	(1)
North Central.....	2,898	...	...	...	...	2,898
Ohio.....	(2)	...	...	...	...	(2)
South and West.....	428,307	102,013	190,024	13,507	118,985	3,778
Maryland.....	(2)	...	...	...	(2)	(1)
North Carolina.....	154,827	35,124	47,037	...	72,390	276
South Carolina.....	147,041	21,067	111,288	...	14,686	...
Georgia.....	87,080	39,136	(3)	(2)	19,188	(1)
Kentucky.....	(2)	(1)	...	...	(1)	...
Tennessee.....	6,008	...	...	...	(2)	(2)
Alabama.....	22,238	5,490	(3)	(3)	5,179	...
Arkansas.....	(2)	...	...	(2)	...	...
California.....	(2)	...	...	...	(1)	(2)

Note: These data are based on monthly reports received on Census Form M22P from cotton system spinners. The data excludes consumption of synthetic staple on the woolen and worsted systems which in 1958 amounted to 107 million pounds.

Individual States are shown where the consumption was over 1 million pounds. Where the data are withheld to avoid disclosing information for individual companies, the figures shown below have been used to indicate consumption-size ranges:

- (1) less than 1 million pounds  
(2) 1 million to 5 million pounds  
(3) 5 million pounds or more.

Data are tabulated by industry groups based on the old SIC definitions. The new definitions for floor covering mills (SIC 227) and yarn and thread mills (228) represent a considerable revision compared to the definitions previously used. These are discussed in some detail in the Industry Reports for those industries.

Table 2C.--Consumption of Linters, by Type of Consumer: 1958

Ind. code	Type of consumer and industry	Number of running bales
	Total consumption.....	<sup>1</sup> 1,141,682
	Bleachers (Industry 2611, part).....	529,180
	Other consumers, total.....	612,502
	Industry:	
2291	Felt goods, nec.....	5,323
2293	Padding and upholstery filling.....	201,239
	Other textile mills.....	10,369
239-	Miscellaneous fabricated textile products.....	3,520
2512	Wood furniture, upholstered.....	13,314
2515	Mattresses and bedsprings.....	296,564
	Other furniture industries.....	21,810
2611	Pulp mills (except bleachers).....	42,526
	Other industries.....	17,837

<sup>1</sup>Consumption of linters is based on monthly reports received on Census Form M22P, "Cotton, Man-Made Fiber Staple, and Linters." Because of differences in reporting and coverage, this table is not completely comparable to the data shown in table 7, "Materials Consumed" published for selected industries in the 1958 Census of Manufactures Industry Reports.

In a study made of the reports for the 1958 Census of Manufactures it was found that some plants consuming linters were not reporting in the monthly survey. For the 1959-1960 season these plants consumed approximately 80 thousand bales of linters. Consequently the consumption data previously published in the M22P Current Industrial Reports have been adjusted to include the consumption by the plants not previously included in the monthly survey.

Table 3.--Consumption of Broad-Woven Fabrics (Piece Goods), by Selected Industry: 1958

Ind. code	Industry and kind of fabric	Estimated total <sup>1</sup>		Reported <sup>1</sup>	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
	All industries listed, total.....	<sup>2</sup> 7,704,403	4,238,878	xxx	3,776,207
2295	Coated fabric, not rubberized.....	228,587	64,546	201,738	56,965
	Cotton fabrics.....	211,279	58,202	186,461	51,366
	Man-made fiber fabrics.....	17,308	6,344	15,277	5,599
2311	Men's and boys' suits and coats.....	176,352	381,432	167,585	362,470
2321	Men's dress shirts and nightwear.....	720,672	308,441	683,875	292,692
2322	Men's and boys' underwear.....	107,485	32,190	106,463	31,884
2327	Separate trousers.....	172,161	153,894	162,151	144,946
2328	Work clothing.....	630,840	315,351	609,984	304,925
2329	Men's and boys' clothing, nec.....	163,977	121,485	150,390	111,418
2331	Women's blouses.....	192,365	113,463	172,238	101,592
2335	Women's dresses.....	801,936	571,040	731,213	520,678
2337	Women's suits, coats, and skirts.....	294,539	444,156	252,314	380,480
2339	Women's outerwear, nec.....	243,580	154,601	213,968	135,806
2341	Women's and children's underwear.....	483,459	173,721	440,623	158,330
2342	Corsets and allied garments.....	102,560	83,373	93,964	76,385
2361	Children's dresses.....	210,435	101,711	184,606	89,227
	Suiting and coating fabrics.....	2,913	2,580	2,556	2,264
	All other broad-woven fabrics.....	207,522	99,131	182,050	86,963
2363	Children's coats.....	48,522	56,173	42,548	49,257
	Suiting and coating fabrics.....	28,433	42,824	24,933	37,552
	All other broad-woven fabrics.....	20,089	13,349	17,615	11,705
2369	Children's outerwear, nec.....	209,663	108,011	(NA)	98,052
	Suiting and coating fabrics.....	<sup>3</sup> 3,821	5,755	(NA)	5,225
	All other broad-woven fabrics.....	205,842	102,256	186,863	92,827
2384	Robes and dressing gowns.....	115,010	52,384	92,055	41,928
2385	Waterproof outer garments.....	34,470	28,708	31,627	26,340
2386	Leather and sheep-lined clothing.....	<sup>3</sup> 5,056	4,211	(NA)	3,639
2387	Apparel belts.....	2,623	1,859	2,026	1,436
2389	Apparel, nec.....	72,410	25,496	53,333	18,779
2391	Curtains and draperies.....	283,208	101,664	236,919	85,048
	Cotton.....	92,743	33,651	77,583	28,151
	Rayon and acetate.....	74,185	25,017	62,059	20,928
	Nylon.....	25,653	8,505	21,463	7,116
	Other broad-woven fabrics.....	90,627	34,491	75,814	28,853
2392	Housefurnishings, nec.....	772,602	257,169	598,050	199,069
	Cotton.....	679,319	219,198	525,835	169,673
	Rayon and acetate.....	54,066	23,402	41,857	18,118
	Nylon.....	15,709	6,120	12,164	4,739
	Other broad-woven fabrics.....	23,508	8,449	18,194	6,539
2393	Textile bags.....	841,836	100,775	746,961	89,418
	Cotton.....	214,698	37,381	190,499	33,168
	Rayon and acetate.....	<sup>4</sup> 3,257	<sup>4</sup> 731	<sup>4</sup> 2,892	<sup>4</sup> 649
	Nylon.....				
	Other broad-woven fabrics.....	623,881	62,663	553,570	55,601
2394	Canvas products.....	86,767	38,826	55,849	24,991
	Cotton.....	80,969	34,438	52,117	22,167
	Rayon and acetate.....	<sup>5</sup> 2,662	<sup>5</sup> 2,050	<sup>5</sup> 1,713	<sup>5</sup> 1,319
	Nylon.....				
	Other broad-woven fabrics.....	3,136	2,338	2,019	1,505
2399	Textile products, nec.....	179,001	57,114	127,841	40,789
	Cotton.....	133,229	26,506	95,154	18,931
	Rayon and acetate.....	22,672	13,357	16,191	9,539
	Nylon.....	5,217	3,504	3,725	2,502
	Other broad-woven fabrics.....	17,883	13,747	12,771	9,817
2511	Wood furniture, not upholstered.....	4,237	6,253	(NA)	5,282
	Cotton.....	<sup>3</sup> 2,140	3,001	(NA)	2,534
	Other (rayon, nylon, etc.).....	2,097	3,252	1,772	2,748
2512	Wood furniture, upholstered.....	60,819	100,337	(NA)	83,919
	Cotton.....	37,866	53,139	31,672	44,447
	Other (rayon, nylon, etc.).....	20,973	46,133	17,540	38,582
	Ticking (mattress).....	<sup>3</sup> 1,980	1,065	(NA)	890
2514	Metal household furniture.....	3,072	4,226	(NA)	3,687
	Cotton.....	<sup>3</sup> 854	1,199	(NA)	1,047
	Other (rayon, nylon, etc.).....	<sup>3</sup> 2,218	3,027	(NA)	2,640

See footnotes at end of table.



Table 3.--Consumption of Broad-Woven Fabrics (Piece Goods), by Selected Industry: 1958--Continued

Ind. code	Industry and kind of fabric	Estimated total <sup>1</sup>		Reported <sup>1</sup>	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
2515	Mattresses and bedsprings.....	128,013	66,295	(NA)	59,530
	Cotton.....	<sup>3</sup> 55,570	11,475	(NA)	10,304
	Other.....	6,158	8,403	5,551	7,547
	Ticking (mattress).....	86,285	46,417	77,477	41,679
3011	Tires and inner tubes.....	15,540	13,294	15,486	13,248
	Cotton.....	<sup>6</sup> 9,121	6,028	<sup>6</sup> 9,089	6,007
	Rayon.....	<sup>6</sup> 2,294	1,627	<sup>6</sup> 2,287	1,622
	Nylon.....	<sup>6</sup> 3,529	5,191	<sup>6</sup> 3,517	5,173
	Other.....	<sup>6</sup> 596	448	<sup>6</sup> 593	446
3021	Rubber footwear.....	15,831	15,531	14,812	14,532
	Cotton.....	<sup>6</sup> 14,325	13,459	<sup>6</sup> 13,403	12,593
	Rayon.....	<sup>6</sup> 127	176	<sup>6</sup> 119	165
	Nylon.....	<sup>6</sup> 126	250	<sup>6</sup> 118	234
	Other.....	<sup>6</sup> 1,253	1,646	<sup>6</sup> 1,172	1,540
3031	Reclaimed rubber.....	84,278	70,663	(NA)	66,178
3069	Fabricated rubber products, nec.....			(NA)	
	Cotton.....			<sup>6</sup> 59,001	42,550
	Rayon.....			<sup>6</sup> 7,560	5,435
	Nylon.....			(NA)	5,230
	Other.....	<sup>6</sup> 9,411	13,842	(NA)	12,963
3079	Plastic products, nec.....	97,250	36,547	43,969	16,530
	Cotton fabrics.....	67,680	17,743	30,584	8,018
	Other textile fabrics.....	29,570	18,804	13,385	8,512
3141	Footwear, except rubber.....	52,718	28,740	49,409	26,937
	Cotton lining fabrics.....	39,432	18,488	36,956	17,327
	All other cotton fabrics.....	6,387	3,529	5,985	3,307
	Other fabrics.....	6,899	6,723	6,468	6,303
3142	House slippers.....	14,880	11,318	12,985	9,877
	Cotton lining fabrics.....	5,183	2,592	4,523	2,262
	All other cotton fabrics.....	4,626	3,379	4,037	2,949
	Other fabrics.....	5,071	5,347	4,425	4,666
3151	Leather gloves.....	<sup>7</sup> 7,081	2,792	(NA)	2,581
3161	Luggage.....	16,396	6,495	13,748	5,446
	Cotton.....	2,887	1,407	2,421	1,180
	Rayon and acetate.....	11,971	4,128	10,037	3,461
	Other broad-woven fabrics.....	1,538	960	1,290	805
3171	Handbags and purses.....	16,338	11,446	12,917	9,049
	Cotton.....	2,369	2,099	1,874	1,660
	Rayon and acetate.....	9,722	4,311	7,686	3,408
	Other broad-woven fabrics.....	4,247	5,036	3,357	3,981
3717	Motor vehicles and parts <sup>7</sup> .....	6,239	11,763	6,239	11,763
	Cotton.....	2,912	2,469	2,912	2,469
	Other broad-woven fabrics.....	3,327	9,294	3,327	9,294
3791	Trailer coaches.....	1,595	1,384	1,273	1,104
	Cotton.....	1,416	1,138	1,131	909
	Other broad-woven fabrics.....	179	246	142	195

NA Not available. <sup>R</sup> Revised.

<sup>1</sup>The columns "Estimated Total" include for each industry a proportionate part of the cost of materials that were not specified by kind. The quantity figures were raised proportionately using the unit value reported for the industry (see text). The "Reported" columns show the data as reported and published in table 7 of the Industry Reports for the specific industry prior to the adjustment for the cost of materials not specified by kind.

<sup>2</sup>Total quantity includes data for Industries 3011, 3021, 3031, and 3069 in pounds. The total yardage figure is consequently understated because the fabric consumed in those industries probably exceeded one yard per pound.

<sup>3</sup>Estimated, based on unit value reported for other industries (see text).

<sup>4</sup>Primarily rayon.

<sup>5</sup>Primarily nylon.

<sup>6</sup>Quantity data for Industries 3011, 3021, 3031, and 3069 were collected and are shown in pounds rather than linear yards. Data exclude tire cord consumption. For Industry 3069, the quantities of nylon and other fabrics were estimated.

<sup>7</sup>Does not include a large amount of fabric consumed in automotive trimming plants, which were classified in Industry 2398. This table does not include consumption data for Industry 2398.





## Weaving Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2211—Broad Woven Fabric Mills, Cotton
- 2221—Broad Woven Fabric Mills, Man-Made Fiber and Silk
- 2231—Broad Woven Fabric Mills, Wool: Including Dyeing and Finishing
- 2241—Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber

Textile fabric production processes may be grouped broadly into three stages: fiber preparation and yarn spinning; weaving, knitting, or braiding of yarns into gray or unfinished fabric; and bleaching, dyeing, or printing of gray fabric to produce finished goods ready for cutting. A textile "establishment," as the term is used in this report, comprises a building or group of buildings at a single location. Many textile establishments are engaged in two or more of the three major production processes, and some are also engaged in fabricating end-products such as towels, blankets, sheets, and pillowcases.

In classifying textile establishments by S.I.C. industry, preference was given to weaving or knitting as against spinning, finishing, or fabricating. Thus, an integrated cotton mill producing only sheets and pillowcases would be classified in S.I.C. 2211, Broad Woven Fabric Mills, Cotton, even though the end-product of the establishment was not broad woven fabrics but finished sheets and pillowcases.

This report covers all cotton, wool, silk, and synthetic fiber weaving mills, whether integrated or non-integrated. The integrated textile weaving mills manufacture and consume over two-thirds of the total production of spun and thrown yarns, and also bleach, dye, or otherwise finish large quantities of gray goods. Fabrication (cutting and sewing) in weaving mills is largely confined to mass-produced goods such as domestics and blankets. The extent of integration as it affects the end-products (shipments) of the establishments covered in this report is indicated in table 5B. Statistics on fabrics produced and used within the same establishment are shown in table 6A.

Similar data for knitting mills are included in MC58(2)-22B, Knitting Mills. Statistics for other textile establishments, such as yarn mills or finishing plants, are shown in other reports in this series. Carpet and rug production is covered in MC58(2)-22D, Floor Covering Mills.

The Census Bureau conducts a quarterly survey of weaving mill production of broad woven goods. This survey includes data for detailed fabric production in linear yards, looms assigned to the production of specific fabrics at the end of the quarter, loom hours operated, and yarn consumption and stocks. These data are published in the Current Industrial Reports Series M22T.1, Cotton Broad Woven Goods; M22T.2, Man-Made Fiber Broad Woven Goods; and M22T.3, Woolen and Worsted Woven Goods. As part of

the 1958 Census of Manufactures, a separate survey was conducted for the first quarter of 1958 in which detailed fabric production data were collected in linear yards, square yards, and pounds. These data, together with information previously collected in the 1954 and earlier Censuses of Manufactures, were published as supplements to the three current reports mentioned above.

An annual survey of cotton, synthetic, and silk broad woven fabrics finished is also conducted by the Bureau of the Census. In this survey, data for the quantity of fabrics finished are collected for thirty-two fabric classes. For each class, information is shown for the three major types of finished goods (whites, plain colors, and prints) by major end use (apparel, household, and other). Separate data are also collected for the production of crease-resistant fabrics and published in Current Industrial Reports Series M22S, Cotton, Silk, and Man-Made Fiber Woven Goods Finished.

Because of the availability of the detailed reports described above, the product information collected in the Census of Manufactures and shown in table 6A is limited to summary data.

### 2211—Broad Woven Fabric Mills, Cotton

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in Industry 2271; those tufting carpets and rugs in Industry 2272; and those making tire cord and fabric in Industry 2296. For a detailed list of products of Industry 2211, refer to table 6A, product codes 2211110 to 2211098.

In the 1945 edition of the Standard Industrial Classification, cotton, silk, and synthetic broad woven fabric mills were classified in Industry 2231. For Census purposes, this industry was subdivided into two parts: Cotton Broad Woven Fabric Mills, Code 2233, and Synthetic Broad Woven Fabric Mills, Code 2234. In the revised 1957 edition of the Standard Industrial Classification, Industry 2211 is directly comparable to the old Census Industry 2233.

In the product coding system for the 1958 Census of Manufactures, finished cotton fabrics and certain cotton fabricated products were classified as primary to Industry 2231 when made in weaving mills. Similar products made in non-weaving establishments were classified as primary to the appropriate industry; for example, sheets made in strictly cut-and-sew plants were classified as primary to Industry 2392, Housefurnishings, N.E.C. This distinction is important in relation to the specialization and coverage ratios of the industry, which are described below.

Value of shipments and other receipts of the Weaving Mills, Cotton, Industry in 1958 totaled \$2,749 million. This included shipments of cotton gray and finished goods and selected cotton fabricated products, valued at \$2,517 million, shipments of other products (secondary products), valued at \$149 million, and miscellaneous receipts of \$83 million.



This industry's shipments of cotton gray and finished goods and fabricated products in 1958 represented 94 percent of its total product shipments (primary and secondary). The corresponding industry specialization ratio in 1954 was 95 percent. Secondary products shipped by this industry in 1958 included man-made fiber and silk fabrics, \$64 million, and carded cotton yarns, \$27 million.

Industry 2211 shipments of cotton gray and finished goods and selected fabricated products in 1958 represented 82 percent (coverage ratio) of these products valued at \$3,061 million shipped by all industries. In 1954, the corresponding coverage ratio was 83 percent.

#### 2221--Broad Woven Fabric Mills, Man-Made Fiber and Silk

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of silk and man-made fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in Industry 2271; those tufting carpets and rugs from these fibers in Industry 2272; and those making tire cord and fabric in Industry 2296. For a detailed list of products of Industry 2221, refer to table 6A, product codes 2221111 to 2221925.

In the 1945 edition of the Standard Industrial Classification, cotton, silk, and synthetic broad woven fabric mills were classified in Industry 2231. For Census purposes, this industry was subdivided into two parts: Cotton Broad Woven Fabric Mills, Code 2233, and Synthetic Broad Woven Fabric Mills, Code 2234. In the revised 1957 edition of the Standard Industrial Classification, Industry 2221 is directly comparable to the old Census Industry 2234.

In the product coding system for the 1958 Census of Manufactures, finished synthetic and silk fabrics and blankets were classified as primary to Industry 2221 when made in weaving mills. Similar products made in non-weaving establishments were classified as primary to the appropriate industry; for example, synthetic fabrics finished in establishments engaged only in dyeing or printing were classified as primary to Industry 2262, Finishing Plants, Synthetics. This distinction is important in relation to the specialization and coverage ratios of the industry which are described below.

Value of shipments and other receipts of the Weaving Mills, Synthetics, Industry in 1958 totaled \$1,226 million. This included shipments of gray and finished man-made fiber fabrics and blankets (primary products), valued at \$1,012 million, shipments of other products (secondary products), valued at \$173 million, and miscellaneous receipts (mainly for contract work on materials owned by others) of \$40 million.

This industry's shipments of gray and finished man-made fiber fabrics and blankets (primary products) in 1958 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 87 percent. Secondary products shipped by this industry in 1958 consisted mainly of cotton broad woven fabrics, \$90 million, and wool fabrics, \$22 million.

Industry 2221 shipments of gray and finished man-made fiber fabrics and blankets (primary products) in 1958 represented 88 percent (coverage ratio) of these products valued at \$1,148 million shipped by all industries. In 1954, the coverage ratio was 89 percent.

#### 2231--Broad Woven Fabric Mills, Wool: Including Dyeing and Finishing

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in Industry 2271, and those tufting wool carpets and rugs in Industry 2272. For a detailed list of products of Industry 2231, refer to table 6A, product codes 2231111 to 2231925.

This new industry definition represents a substantial revision from the one previously used. In the 1954 Census of Manufactures, woolen and worsted weaving mills represented all of old Industry 2213; wool finishing mills were the entire old Industry 2216; and establishments shrinking and sponging wool cloth owned by others were part of old Industry 2399, Textile Products, N.E.C. These three groups of mills were combined to form the new Industry 2231. The composition of the new industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

In preparing tables 1 and 2 for 1954 and prior years, the published information for old Industries 2213 and 2216 was combined. It was not possible to obtain comparable prior year information for the shrinking and sponging plants. Therefore, the 1958 information in these tables is not completely comparable to the prior years' data. The extent of this noncomparability is indicated in table 1A, which shows that in 1958 there were 85 plants primarily engaged in shrinking and sponging wool cloth. These plants had 1,723 employees and \$10,709 thousand adjusted value added by manufacture. The inclusion of these plants makes the 1958 data not comparable with prior information by approximately 3 percent.

The reporting of product shipments by woolen and worsted weaving and finishing mills was substantially revised in 1958 as compared to 1954. In 1954, woolen and worsted weaving mills did not differentiate between shipments of finished fabrics and shipments of gray goods. This differentiation was made in 1958 in order to account for the substantial gray goods shipments (sales and interplant transfers) to other weaving mills or finishing plants for finishing.

Another major change was in the reporting of shipments and cost data by finishing plants. In 1954, such plants in effect reported as commission plants by reporting for "Value of Shipments" the value added by finishing, excluding the gray cloth values from the cost of materials and value of shipments. In 1958, such fabric shipments were reported at their full value. Because of these reporting changes, the product data, total cost of materials, and total value of shipments for 1958 are not comparable with the 1954 information.

Value of shipments and other receipts of the Weaving and Finishing Mills, Wool, Industry in 1958 totaled \$929 million. This included shipments of wool gray and finished cloth and wool blankets (primary products), valued at \$846 million, shipments of other products (secondary products), valued at \$58 million, and miscellaneous receipts of \$24 million.



This industry's shipments of wool gray and finished cloth and wool blankets (primary products) in 1958 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of scouring and combing mill products, \$25 million, and wool yarns, \$19 million.

Industry 2231 shipments of wool gray and finished cloth and wool blankets (primary products) in 1958 represented 96 percent (coverage ratio) of these products valued at \$879 million shipped by all industries. Other industries shipping these products consisted mainly of Industry 2221, Weaving Mills, Synthetics, \$22 million.

2241—Narrow Fabrics and Other Smallwares Mills:  
Cotton, Wool, Silk, and Man-Made Fiber

This industry comprises establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and man-made fibers, including glass fibers. Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of fabric covered elastic yarn are also included in this industry. For a detailed list of prod-

ucts of Industry 2241, refer to table 6A, product codes 2241111 to 2241511.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of Narrow Fabric Mills in 1958 totaled \$301 million. This included shipments of narrow fabric, including covered rubber thread (primary products), valued at \$263 million, shipments of other products (secondary products), valued at \$21 million, and miscellaneous receipts of \$18 million.

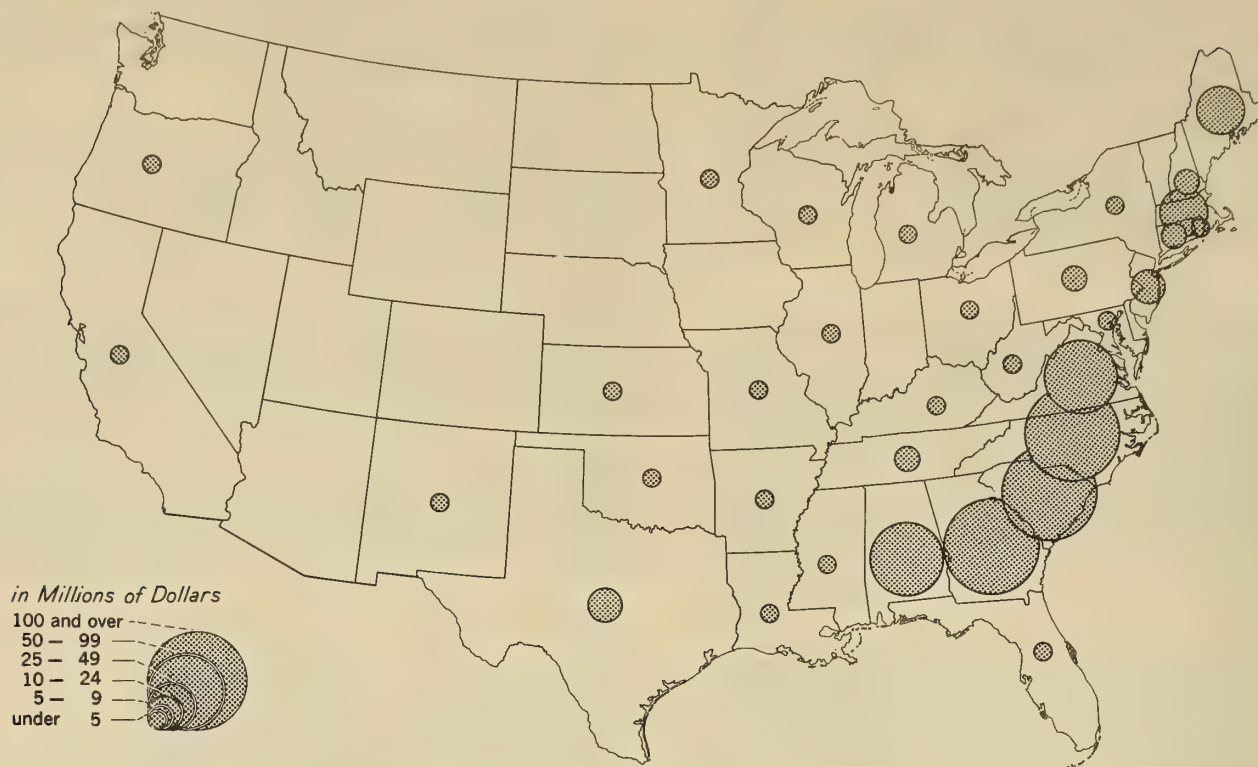
This industry's shipments of narrow fabrics (primary products) in 1958 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 96 percent.

Industry 2241 shipments of narrow fabrics (primary products) in 1958 represented 97 percent (coverage ratio) of these products valued at \$270 million shipped by all industries. In 1954, the coverage ratio was 94 percent.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## BROAD WOVEN FABRIC MILLS, COTTON: SIC 221

Value Added by Manufacture by State: 1958



Includes only Industry 2211. See Table 2.

Bureau of the Census, M-58-D221

## BROAD WOVEN FABRIC MILLS, MAN-MADE FIBER AND SILK: SIC 222

Value Added by Manufacture by State: 1958



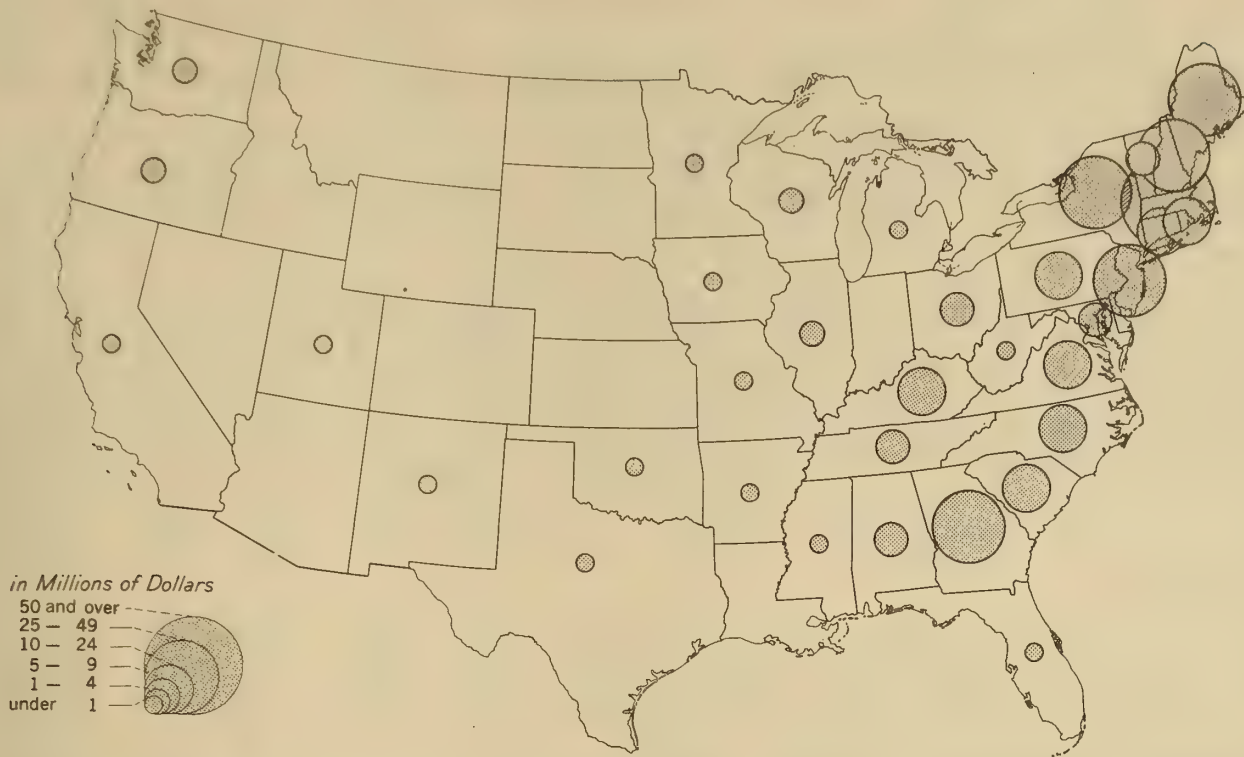
Includes only Industry 2221. See Table 2.

Bureau of the Census, M-58-D222



## BROAD WOVEN FABRIC MILLS, WOOL: INCLUDING DYEING AND FINISHING: SIC 223

Value Added by Manufacture by State: 1958



Includes only Industry 2231. See Table 2.

Bureau of the Census. M-58-D223

## NARROW FABRICS AND OTHER SMALLWARES MILLS:

COTTON, WOOL, SILK, AND MAN MADE FIBER: SIC 224

Value Added by Manufacture by State: 1958



Includes only Industry 2241. See Table 2.

Bureau of the Census. M-58-D224

Table 1.—General Statistics for the United States. 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization ratio <sup>4</sup> (per cent)	Coverage ratio <sup>5</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2211	Weaving mills, cotton:														
	1958.....	325	r496	r395	r243,419	r724,481	r228,609	r443,255	r646,678	r1,078,592	r1,622,758	r2,748,584	r48,441	94	82
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	267,492	794,417	252,304	486,747	710,496	1,212,924	1,715,168	2,916,503	74,367	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	285,699	840,295	270,652	540,801	758,023	1,310,297	1,832,302	3,054,294	92,243	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	293,228	827,555	278,078	557,035	747,399	1,208,279	1,839,451	3,067,400	68,659	(NA)	(NA)
	1954.....	413	582	476	296,193	783,011	280,546	537,531	702,649	1,135,365	1,708,400	2,838,312	55,200	95	83
	1947 <sup>7</sup> .....	(NA)	575	(NA)	330,196	705,746	316,288	(NA)	645,065	1,448,972	1,463,679	2,912,651	78,772	(NA)	(NA)
2221	Weaving mills, synthetics:														
	1958.....	324	401	310	81,688	276,655	74,452	150,649	233,965	468,583	749,931	1,225,509	15,043	85	88
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	76,281	255,558	69,479	145,641	228,100	425,561	668,289	1,092,215	12,610	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	82,514	259,179	76,529	156,521	230,339	415,042	698,457	1,106,489	20,872	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	83,461	268,988	77,460	162,924	233,384	440,477	753,691	1,198,825	15,879	(NA)	(NA)
	1954.....	396	478	347	89,994	272,872	83,120	166,984	234,476	408,564	729,104	1,153,939	12,995	87	89
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	105,607	313,407	97,375	195,888	273,184	463,323	1,030,733	1,494,056	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	102,466	312,657	95,064	193,809	270,591	457,458	945,281	1,402,739	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	105,624	316,561	98,201	196,754	276,048	457,219	954,988	1,412,207	(NA)	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	96,833	274,890	89,688	187,938	236,234	498,605	673,075	1,171,680	(NA)	(NA)	(NA)
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	93,645	256,699	84,997	177,136	220,410	452,763	582,254	1,035,017	(NA)	(NA)	(NA)
	1947.....	432	507	363	97,648	232,072	91,174	194,655	204,991	488,048	514,875	1,002,923	42,881	85	(NA)
	1939.....	(NA)	394	(NA)	83,546	73,736	79,595	(NA)	64,886	115,015	199,840	314,855	(NA)	(NA)	(NA)
	1937 <sup>8</sup> .....	(NA)	435	(NA)	(NA)	(NA)	76,298	(NA)	63,752	105,851	188,955	294,806	(NA)	(NA)	(NA)
	1935 <sup>7</sup> .....	(NA)	670	(NA)	89,739	76,319	85,612	(NA)	67,842	108,673	156,210	264,883	(NA)	(NA)	(NA)
2231	Weaving and finishing mills, wool: <sup>9</sup>														
	1958.....	411	469	311	55,952	206,094	49,053	98,662	166,189	336,618	576,617	929,040	9,702	94	96
	1954.....	(NA)	399	306	66,681	229,735	59,215	118,726	186,000	330,385	(10)	(10)	13,021	(NA)	(NA)
	1947.....	(NA)	554	441	138,150	355,200	127,572	256,979	307,010	621,618	(10)	(10)	40,178	(NA)	(NA)
	1939.....	(NA)	541	(NA)	(NA)	(NA)	120,481	(NA)	117,735	233,157	(10)	(10)	(NA)	(NA)	(NA)
	1937 <sup>7</sup> .....	(NA)	563	(NA)	(NA)	(NA)	135,613	(NA)	137,556	258,920	(10)	(10)	(NA)	(NA)	(NA)
2241 (old SIC 2241)	Narrow fabric mills:														
	1958.....	352	488	242	24,587	85,923	21,534	42,592	65,225	142,638	157,879	301,482	6,307	94	97
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	26,823	86,846	23,652	45,121	67,407	141,661	140,983	279,051	7,253	96	94
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	27,548	86,025	24,539	46,074	66,855	141,022	147,019	283,805	4,010	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	27,460	83,004	24,319	46,067	63,727	135,416	143,798	278,826	(S)	(NA)	(NA)
	1954.....	489	513	252	25,676	79,063	22,862	44,962	61,456	124,013	138,974	263,391	4,802	96	94
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	28,971	86,710	26,022	51,603	68,761	132,588	159,691	292,279	6,076	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	23,465	74,086	20,487	43,017	57,025	116,775	159,332	276,755	3,534	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	26,835	83,610	23,420	47,803	61,662	141,793	183,277	325,718	(S)	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	25,075	72,175	22,197	47,038	54,156	107,012	132,378	240,037	(NA)	(NA)	(NA)
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	27,284	71,861	23,964	46,407	52,976	102,177	96,643	197,254	(NA)	(NA)	(NA)
	1947.....	445	480	(NA)	28,080	65,011	25,295	(NA)	52,494	110,571	104,166	215,194	5,670	95	98
	1939.....	(NA)	400	(NA)	(NA)	(NA)	24,591	(NA)	21,092	47,319	39,293	86,612	(NA)	(NA)	(NA)
	1937 <sup>11</sup> .....	(NA)	354	(NA)	(NA)	(NA)	22,915	(NA)	20,338	40,197	36,392	76,589	(NA)	(NA)	(NA)
	1935 <sup>7</sup> .....	(NA)	353	(NA)	23,479	23,141	21,380	(NA)	18,007	35,742	31,950	67,692	(NA)	(NA)	(NA)

NA Not available. <sup>r</sup> Revised<sup>S</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup> For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for cost of materials for years prior to 1935 do not include cost of contract work. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years the shipment figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding values of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)		Cost of Materials, etc. (\$1,000)		Value of Shipments (\$1,000)	
	1954	1958	1954	1958	1954	1958
2211	1,127,507	r1,604,997	1,662,114	r2,728,050	2,789,621	
2221	422,765	743,061	719,864	1,216,235	1,142,629	
2231	338,849	575,433	(NA)	927,729	(NA)	
2241	121,547	147,413	128,615	288,677	250,162	

Footnotes continued on next page.



Footnotes for Table 1—22A

<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>6</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>7</sup>Comparable data not available for prior years.

<sup>8</sup>The figures for Weaving Mills, Synthetics, for 1937 and later years relate to establishments primarily producing fabrics over 12 inches in width. Dyeing and finishing departments of integrated mills are included in this industry. Data for 1935 are for mills producing fabrics 18 inches and over in width and exclude finishing departments of integrated mills. Value added in 1937 on a basis comparable to 1935 was \$104.8 million.

<sup>9</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were old Industry 2213, Woolen and Worsted Fabrics, and old Industry 2216, Finishing Wool Textiles. The data for 1954 and earlier years as published in the 1954 Census of Manufactures for these two industries have therefore been combined. The revised SIC also includes in new Industry 2231 establishments primarily engaged in shrinking and sponging of cloth. These establishments were formerly included in old Industry 2399. Therefore, the 1958 data are not completely comparable with earlier information. The extent of the noncomparability in the 1958 data is shown in table 1A.

<sup>10</sup>Prior to 1958 establishments classified in old Industry 2216 reported as their "Value of Shipments" the value added by their finishing operations. The cost of unfinished cloth purchased or transferred to the establishment was therefore excluded from the cost of materials. In 1958, these establishments included the cost of the unfinished cloth in "Cost of Materials" and reported the actual selling price in "Value of Shipments." Therefore, the 1958 data for old Industry 2216 (which is now part of new Industry 2231) are not comparable with prior information.

<sup>11</sup>The figures for Narrow fabric mills for 1937 and later years relate to mills primarily producing fabrics 12 inches and under in width. The figures for 1935 relate to silk and rayon mills primarily producing fabrics under 18 inches in width and cotton mills primarily producing fabrics 12 inches and under in width. Value added for 1937 on a basis comparable with 1935 was \$39.8 million.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2231—Weaving and finishing mills, wool.....	469	311	55,952	336,618	xxx	xxx	xxx	xxx
Old Industry 2213—Woolen and worsted fabrics.....	305	227	49,252	292,365	308	228	49,326	292,706
Old Industry 2216—Finishing wool textiles.....	74	44	4,771	32,383	74	44	4,771	32,383
Old Industry 2399—Textile products, nec.....	85	35	1,723	10,709	1,009	242	18,283	104,304
All other industries <sup>1</sup> .....	5	5	206	1,161	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC; the group may also include some small establishments for which the exact SIC classification was not determined because their inclusion does not affect statistical totals.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2211	Weaving mills, cotton, total.....	<sup>r</sup> 496	<sup>r</sup> 395	<sup>r</sup> 243,419	<sup>r</sup> 724,481	<sup>r</sup> 228,609	<sup>r</sup> 443,255	<sup>r</sup> 646,678	<sup>r</sup> 1,078,592	<sup>r</sup> 2,748,584	<sup>r</sup> 48,441	296,193	<sup>r</sup> 1,127,507	330,196
	New England.....	51	34	18,225	57,099	16,746	31,978	50,158	69,029	188,391	1,669	29,562	119,914	(D)
	Maine.....	8	6	6,259	19,477	5,739	11,012	17,253	25,519	59,650	( <sup>2</sup> )	8,963	40,343	10,418
	New Hampshire...	6	4	1,481	4,737	1,331	2,559	4,141	7,786	19,460	(D)	2,118	12,793	5,299
	Massachusetts...	23	16	7,989	24,927	7,366	13,972	21,788	25,487	85,978	647	13,697	49,398	24,818
	Middle Atlantic...	87	28	2,999	11,220	2,578	4,858	8,663	19,255	48,533	853	4,387	24,619	9,595
	Pennsylvania.....	25	13	1,640	5,603	1,391	2,623	4,304	7,115	20,072	( <sup>2</sup> )	1,826	9,210	3,202
	North Central.....	14	4	370	1,033	315	532	733	1,875	4,955	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Illinois.....	5	2	160	509	126	198	322	785	1,941	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	South Atlantic....	<sup>r</sup> 274	<sup>r</sup> 267	<sup>r</sup> 187,405	<sup>r</sup> 560,032	<sup>r</sup> 176,168	<sup>r</sup> 344,032	<sup>r</sup> 501,387	<sup>r</sup> 849,831	<sup>r</sup> 2,140,521	<sup>r</sup> 39,032	<sup>5</sup> 262,243	<sup>5</sup> 982,973	(D)
	North Carolina...	<sup>r</sup> 74	<sup>r</sup> 73	<sup>r</sup> 53,135	<sup>r</sup> 158,513	<sup>r</sup> 50,255	<sup>r</sup> 96,679	<sup>r</sup> 144,028	<sup>r</sup> 246,143	<sup>r</sup> 638,889	<sup>r</sup> 10,099	69,280	266,671	68,481
	South Carolina...	120	118	76,450	230,847	72,155	143,633	208,612	354,407	891,219	15,950	82,432	331,161	83,466
	Georgia.....	70	68	44,016	124,354	41,427	79,550	110,600	178,012	470,768	(D)	52,140	172,823	50,393
	East South Central	42	41	27,018	74,639	25,641	47,203	66,847	107,620	291,132	4,440	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Tennessee.....	4	4	3,069	9,342	2,787	5,481	7,712	14,414	38,988	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Alabama.....	34	34	22,743	62,168	21,674	39,605	56,199	88,505	240,005	3,638	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	West South Central	22	19	7,332	20,174	7,101	14,545	18,693	30,465	73,923	2,364	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Texas.....	17	15	5,366	15,583	5,202	11,007	14,401	23,869	58,814	2,326	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	West.....	6	2	70	284	60	107	197	517	1,129	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
2221	Weaving mills, synthetics, total..	401	310	81,688	276,655	74,452	150,649	233,965	468,583	1,225,509	15,043	89,994	422,765	97,648
	New England.....	79	66	10,039	34,869	9,208	18,664	29,698	56,973	143,285	1,527	19,218	94,232	26,835
	Maine.....	5	4	483	1,540	429	800	1,217	2,887	7,036	(D)	3,636	21,714	(D)
	New Hampshire...	7	7	1,676	5,372	1,586	3,157	4,697	7,157	19,711	(D)	2,019	9,766	2,829
	Massachusetts...	31	25	4,608	15,409	4,298	8,734	13,766	25,079	62,957	532	7,554	31,490	11,185
	Rhode Island.....	25	21	1,877	6,919	1,665	3,487	5,638	12,692	36,171	( <sup>2</sup> )	2,383	16,897	6,018
	Connecticut.....	11	9	1,395	5,629	1,230	2,486	4,380	9,158	17,410	( <sup>2</sup> )	3,625	14,363	(D)
	Middle Atlantic...	177	112	12,795	47,967	11,533	23,221	39,555	79,899	196,697	2,361	15,681	76,239	23,782
	New York.....	36	13	1,296	5,444	1,039	2,087	3,768	9,821	22,816	856	1,264	9,370	2,943
	New Jersey.....	60	29	1,992	8,777	1,778	3,387	7,025	17,181	36,716	539	2,581	14,942	4,427
	Pennsylvania.....	81	70	9,507	33,746	8,716	17,747	28,762	52,897	137,165	966	11,836	51,926	16,412
	South.....	134	128	58,205	191,486	53,133	107,714	162,774	327,695	877,396	11,098	<sup>5</sup> 55,094	<sup>5</sup> 252,293	<sup>5</sup> 47,031
	Virginia.....	18	17	4,533	15,111	4,125	8,586	13,209	30,230	87,500	612	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	North Carolina...	58	57	29,173	98,255	26,546	54,750	83,047	158,587	436,632	6,523	22,146	97,514	16,121
	South Carolina...	33	33	17,962	58,271	16,490	32,797	49,835	103,886	258,632	3,275	20,358	98,166	20,499
	Georgia.....	16	14	4,942	14,343	4,524	8,511	12,231	24,572	67,836	555	4,109	19,632	3,324
	All other divisions.	11	4	649	2,333	578	1,050	1,938	4,016	8,131	( <sup>2</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
2231	Weaving and finishing mills, wool, total <sup>7</sup> .....	469	311	55,952	206,094	49,053	98,662	166,189	336,618	929,040	9,702	66,681	338,849	138,150
	New England.....	202	148	24,166	87,935	21,754	43,590	73,385	147,660	373,535	3,359	29,993	147,894	83,356
	Maine.....	28	25	5,091	17,207	4,563	9,362	14,333	28,246	77,670	866	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	New Hampshire...	22	20	4,364	15,885	3,905	8,108	13,479	26,693	64,178	756	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Vermont.....	7	6	718	2,409	660	1,294	2,131	4,472	8,457	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Massachusetts...	75	54	9,894	37,922	8,984	17,958	31,534	64,985	164,374	1,236	12,883	68,415	( <sup>4</sup> )
	Rhode Island.....	52	31	2,319	8,112	2,024	3,831	6,526	12,017	29,548	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Connecticut.....	18	12	1,780	6,400	1,618	3,037	5,382	11,247	29,308	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Middle Atlantic...	147	79	9,716	44,175	8,000	15,782	32,601	65,779	130,814	2,062	14,723	76,715	31,460
	New York.....	78	34	4,101	20,317	3,189	6,233	13,647	31,930	52,480	1,057	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	New Jersey.....	16	9	1,779	8,228	1,411	2,858	6,334	11,131	26,161	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Pennsylvania.....	53	36	3,836	15,630	3,400	6,691	12,620	22,718	52,173	788	4,045	21,149	10,975
	East North Central	25	14	2,170	8,057	1,851	3,611	5,905	10,937	24,216	( <sup>2</sup> )	21,962	114,237	23,334
	Ohio.....	9	6	1,067	3,882	885	1,719	2,806	5,830	12,731	( <sup>2</sup> )			
	Wisconsin.....	6	5	648	2,651	549	1,175	1,869	3,128	7,212	( <sup>2</sup> )			
	West North Central	7	6	509	1,808	407	843	1,276	3,010	5,324	( <sup>2</sup> )			
	Missouri.....	3	3	152	589	107	222	358	952	1,251	( <sup>2</sup> )	21,962	114,237	23,334
	South Atlantic....	51	46	16,076	52,823	14,092	28,890	43,839	86,317	350,015	3,120			
	North Carolina...	9	8	3,426	11,449	3,062	6,305	9,550	19,381	70,980	539			
	South Carolina...	12	12	2,984	9,245	2,559	5,042	7,001	16,715	64,996	( <sup>2</sup> )			
	Georgia.....	11	10	5,479	18,344	4,839	10,257	16,037	27,451	78,434	1,436	21,962	114,237	23,334
	East South Central	9	6	1,873	5,991	1,654	3,623	4,903	14,154	27,622	533			
	Tennessee.....	5	3	1,182	3,615	1,055	2,272	3,065	8,157	19,652	( <sup>2</sup> )			
	West South Central	6	3	148	433	129	240	357	872	1,814	( <sup>2</sup> )	21,962	114,237	23,334
	West.....	22	9	1,294	4,872	1,166	2,083	3,923	7,889	15,700	( <sup>2</sup> )			
	Oregon.....	8	6	711	2,664	635	1,155	2,176	3,892	8,466	( <sup>2</sup> )			

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2241	Narrow fabric mills, total.....	488	242	24,587	85,923	21,534	42,592	65,225	142,638	301,482	6,307	25,676	121,547	28,080
	New England.....	146	86	9,720	34,378	8,540	17,224	26,378	54,412	115,824	2,654	10,430	47,344	10,928
	Maine.....	4	2	114	326	102	201	291	368	520	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	New Hampshire....	17	10	736	2,771	645	1,334	2,097	4,796	8,160	( <sup>2</sup> )	864	4,471	(D)
	Massachusetts....	49	25	3,200	11,622	2,745	5,491	8,695	18,567	40,374	983	3,437	15,482	3,233
	Rhode Island.....	56	37	4,507	14,998	4,113	8,233	11,925	23,963	53,160	957	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Connecticut.....	20	12	1,163	4,661	935	1,965	3,370	6,718	13,610	( <sup>2</sup> )	1,656	8,827	2,106
	Middle Atlantic....	230	88	8,234	31,526	6,951	13,517	22,226	48,804	102,822	1,740	8,942	44,771	12,008
	New York.....	99	26	2,442	11,016	1,834	3,571	6,750	17,502	38,344	856	2,537	14,058	2,351
	New Jersey.....	56	15	1,186	4,573	998	1,878	3,508	7,131	13,996	( <sup>2</sup> )	1,916	10,681	2,643
	Pennsylvania.....	75	47	4,606	15,937	4,119	8,068	11,968	24,171	50,482	787	4,488	20,032	7,014
	East North Central	14	5	509	1,832	425	866	1,377	3,604	6,222	(D)	<sup>8</sup> 724	<sup>8</sup> 5,358	<sup>8</sup> 1,486
	Ohio.....	4	3	233	833	178	378	565	1,631	2,756	( <sup>2</sup> )	248	1,645	198
	West North Central	4	3	286	843	261	493	719	1,031	1,477	(D)	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
	South.....	88	60	5,791	17,170	5,319	10,415	14,392	34,631	74,535	1,448	5,524	23,816	3,625
	Maryland.....	7	7	404	1,155	378	801	963	2,391	4,414	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Virginia.....	7	4	975	2,614	917	1,759	2,391	6,976	14,249	( <sup>2</sup> )	960	4,787	503
	North Carolina....	28	20	1,967	6,146	1,805	3,596	5,255	10,854	26,253	( <sup>2</sup> )	1,808	8,002	1,110
	South Carolina....	14	9	696	2,144	639	1,213	1,719	4,631	10,133	( <sup>2</sup> )	692	2,961	489
	Georgia.....	9	5	279	741	259	474	590	1,117	2,956	(D)	363	1,737	215
	Tennessee.....	4	2	273	661	256	494	607	1,338	2,672	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Alabama.....	8	7	631	2,074	561	1,157	1,648	3,790	7,476	( <sup>2</sup> )	596	2,702	497
	Pacific.....	6	...	47	174	38	77	133	156	602	(D)	55	254	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

NA Not available. <sup>†</sup> Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2211, Weaving Mills, Cotton: New England—Rhode Island, 7 (1,268); Connecticut, 7 (1,228); Middle Atlantic—New York, 26 (100-249); New Jersey, 36 (1,134); East North Central—Ohio, 2 (1-19); Michigan, 1 (1-19); Wisconsin, 3 (100-249); West North Central—Minnesota, 1 (1-19); Missouri, 1 (1-19); Nebraska, 1 (1-19); South Atlantic—Maryland, 1 (500-999); Virginia, 6 (13,086); West Virginia, 2 (1-19); Florida, 1 (20-99); East South Central—Kentucky, 1 (250-499); Mississippi, 3 (500-999); West South Central—Arkansas, 3 (500-999); Louisiana, 1 (1-19); Oklahoma, 1 (1,000-2,499); West—New Mexico, 1 (1-19); Oregon, 2 (20-99); California, 3 (20-99).

SIC 2221, Weaving Mills, Synthetics: North Central—Ohio, 1 (20-99); Illinois, 3 (20-99); Missouri, 1 (500-999); South—Maryland, 1 (20-99); Tennessee, 5 (1,000-2,499); Alabama, 1 (100-249); Louisiana, 1 (1-19); Texas, 1 (20-99); Pacific—California, 6 (20-99).

SIC 2231, Weaving and Finishing Mills, Wool: East North Central—Illinois, 6 (250-499); Michigan, 4 (100-249); West North Central—Minnesota, 3 (100-249); Iowa, 1 (100-249); South Atlantic—Maryland, 4 (500-999); Virginia, 11 (3,404); West Virginia, 2 (100-249); Florida, 2 (1-19); East South Central—Kentucky, 1 (1-19); Alabama, 2 (500-999); Mississippi, 1 (20-99); West South Central—Arkansas, 2 (20-99); Oklahoma, 1 (1-19); Texas, 3 (20-99); West—New Mexico, 1 (1-19); Utah, 1 (20-99); Washington 1 (250-499) California, 11 (100-249).

SIC 2241, Narrow Fabric Mills: East North Central—Indiana, 1 (1-19); Illinois, 5 (100-249); Michigan, 1 (1-19); Wisconsin, 3 (20-99); West North Central—Iowa, 1 (1-19); Missouri, 2 (20-99); Kansas, 1 (100-249); South—West Virginia, 1 (100-249); Florida, 5 (100-249); Kentucky, 3 (100-249); Mississippi, 1 (20-99); Texas, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 5 (20-99).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>Included with South Atlantic.<sup>4</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>5</sup>Includes all other divisions for which separate figures are not shown.<sup>6</sup>Included with the South.<sup>7</sup>Data for 1958 include establishments primarily engaged in shrinking and sponging of cloth. Data for 1954 and 1947 exclude such establishments.<sup>8</sup>Data for West North Central included with East North Central.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958

Item	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Weaving and finishing mills, wool (SIC 2231)	Narrow fabric mills (SIC 2241)
Primary product specialization ratio <sup>1</sup> .....	94	85	94	94
Coverage ratio <sup>2</sup> .....	82	88	96	97
Number of establishments, total.....	r 496	401	469	488
With 1-19 employees.....	101	91	158	246
With 20-99 employees.....	r 52	128	152	175
With 100 employees or more.....	r 343	182	159	67
Proprietors and working partners.....Number..	63	78	144	163
All employees:				
Number (average for the year).....	r 243,419	81,688	55,952	24,587
Payroll.....\$1,000..	r 724,481	276,655	206,094	85,923
Production workers:				
Number (average for the year).....	r 228,609	74,452	49,053	21,534
March.....	r 233,318	74,647	47,756	21,561
May.....	r 226,415	73,229	49,577	20,965
August.....	r 225,710	74,807	50,469	21,321
November.....	r 228,994	75,125	48,410	22,289
Man-hours.....1,000..	r 443,255	150,649	98,662	42,592
January-March.....do....	r 115,009	37,291	23,397	10,556
April-June.....do....	r 107,765	36,658	25,633	10,509
July-September.....do....	r 104,601	37,263	25,152	10,181
October-December.....do....	r 115,880	39,437	24,480	11,346
Wages.....\$1,000..	r 646,678	233,965	166,189	65,225
Cost of materials, etc., total.....do....	r 1,622,758	749,931	576,617	157,879
Materials, parts, containers, and supplies consumed.....do....	r 1,503,121	697,298	534,131	140,445
Cost of resales.....do....	r 17,761	6,870	1,184	10,466
Fuels consumed.....do....	r 13,878	5,357	8,773	1,426
Electricity purchased.....do....	r 41,944	12,650	7,233	2,103
Contract work.....do....	r 46,054	27,756	25,296	3,439
Value of shipments (including resales), total.....do....	r 2,748,584	1,225,509	929,040	301,482
Value of resales.....do....	20,534	9,274	1,311	12,805
Value added by manufacture, adjusted.....do....	r 1,078,592	468,583	336,618	142,638
Manufacturers' inventories:				
Beginning of year, total.....do....	r 629,262	244,522	199,129	51,290
Finished products.....do....	r 300,749	87,840	53,941	20,132
Work-in-process.....do....	r 127,574	74,371	70,611	13,507
Materials, supplies, fuel, etc.....do....	r 200,939	82,311	74,577	17,651
End of year, total.....do....	r 589,864	230,392	170,110	50,894
Finished products.....do....	r 254,211	84,371	42,995	18,961
Work-in-process.....do....	r 126,878	70,845	65,752	13,713
Materials, supplies, fuel, etc.....do....	r 208,775	75,176	61,363	18,220
Expenditures for plant and equipment, total.....do....	r 56,216	18,472	13,227	6,998
New, total.....do....	r 48,441	15,043	9,702	6,307
New structures and additions to plant.....do....	r 6,775	2,091	1,849	1,859
New machinery and equipment.....do....	r 41,666	12,952	7,853	4,448
Used plant and equipment.....do....	7,775	3,429	3,525	691

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2211	Weaving mills, cotton:											
	Number of establishments.....	<sup>r</sup> 496	54	23	24	30	22	57	121	<sup>r</sup> 104	57	4
	All employees:											
	Number.....	<sup>r</sup> 243,419	148	165	308	1,002	1,619	10,034	44,398	<sup>r</sup> 74,950	80,187	30,608
	Payroll.....\$1,000..	<sup>r</sup> 724,481	518	746	1,112	3,386	5,178	29,319	127,982	<sup>r</sup> 220,783	238,214	97,243
	Value added, adjusted..do....	<sup>r</sup> 1,078,592	1,380	3,270	2,542	5,320	9,981	41,479	187,214	<sup>r</sup> 328,264	357,047	142,095
	Value of shipments.....do....	<sup>r</sup> 2,748,584	3,918	8,647	5,080	11,167	22,433	108,174	470,854	<sup>r</sup> 851,680	916,661	349,970
	Capital expend., new...do....	<sup>r</sup> 48,441	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2,121	9,817	<sup>r</sup> 14,105	15,718	5,745
2221	Weaving mills, synthetics:											
	Number of establishments.....	401	42	13	36	67	61	75	56	40	11	...
	All employees:											
	Number.....	81,688	83	86	520	2,121	4,328	12,009	19,533	26,584	16,424	...
	Payroll.....\$1,000..	276,655	396	328	2,056	7,995	15,434	43,283	66,499	85,023	55,641	...
	Value added, adjusted..do....	468,583	1,691	775	4,661	15,853	27,226	68,359	113,835	141,538	94,645	...
	Value of shipments.....do....	1,225,509	5,109	1,144	8,635	31,145	62,079	186,870	332,162	366,076	232,289	...
	Capital expend., new...do....	15,043	( <sup>1</sup> )	( <sup>1</sup> )	748	( <sup>1</sup> )	1,169	1,735	2,398	5,719	2,772	...
2231	Weaving and finishing mills, wool:											
	Number of establishments.....	469	64	41	53	88	64	89	52	16	2	...
	All employees:											
	Number.....	55,952	112	267	753	2,863	4,102	15,072	18,000	<u>14,783</u>	(D)	...
	Payroll.....\$1,000..	206,094	421	985	2,737	10,646	14,442	56,741	67,353	<u>52,769</u>	(D)	...
	Value added, adjusted..do....	336,618	1,227	1,605	5,192	16,920	23,310	95,499	106,661	<u>86,204</u>	(D)	...
	Value of shipments.....do....	929,040	3,273	4,069	8,974	33,310	49,545	233,575	294,455	<u>301,839</u>	(D)	...
	Capital expend., new...do....	9,702	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	591	556	2,337	2,684	<u>3,095</u>	(D)	...
2241	Narrow fabric mills:											
	Number of establishments.....	488	95	62	89	100	75	55	7	5	...	...
	All employees:											
	Number.....	24,587	201	426	1,278	3,390	5,095	8,885	2,271	3,041	...	...
	Payroll.....\$1,000..	85,923	712	1,387	4,457	11,243	16,771	33,004	8,350	9,999	...	...
	Value added, adjusted..do....	142,638	1,509	2,400	7,655	19,327	27,121	53,676	13,996	16,954	...	...
	Value of shipments.....do....	301,482	3,326	4,787	15,842	39,936	55,396	113,601	32,623	35,971	...	...
	Capital expend., new...do....	6,307	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,053	852	2,195	1,047	623	...	...

Note: Detailed figures may not add to the totals because of independent rounding. <sup>r</sup>Revised  
<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2211	Weaving mills, cotton.....1958..	r 2,748,584	r 2,516,711	r 148,888	82,985	94	r 3,060,665	r 2,516,711	543,954	82
	.....1954..	2,838,312	2,574,807	139,127	124,378	95	3,096,576	2,574,807	521,769	83
2221	Weaving mills, synthetics.....1958..	1,225,509	1,012,315	173,123	40,071	85	1,148,497	1,012,315	136,182	88
	.....1954..	1,153,939	954,780	141,478	57,681	87	1,077,198	954,780	122,418	89
2231	Weaving and finishing mills, wool.....1958 <sup>3</sup> ..	929,040	846,138	58,328	24,574	94	878,966	846,138	32,828	96
2241	Narrow fabric mills.....1958..	301,482	262,689	20,727	18,066	94	270,392	262,689	7,703	97
	.....1954..	263,391	234,760	8,868	19,763	96	249,859	234,760	15,099	94

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Comparable 1954 information is not available.

r Revised.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. See headnote to table 5A. The first column shows the total value of shipments of the specified industry divided among: (a) products or services classified in the industry (primary products), (b) products classified to other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Weaving mills, cotton	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Other industries	All industries
	Total shipments and receipts of the industry.....	r 2,748,584	xxx	xxx	xxx
	Primary products.....	r 2,516,711	89,704	145,250	r 3,060,665
	Gray goods:				
22111	Cotton duck and allied fabrics.....	98,224	(D)	(D)	111,602
22112	Cotton sheeting and allied fabrics.....	521,127	...	5,127	526,254
22113	Cotton print cloth yarn fabrics.....	r 439,570	(D)	(D)	r 440,711
22114	Cotton colored yarn fabrics, towelling and dishcloth fabrics, and napped cotton fabrics, including blanketing.....	241,541	(D)	(D)	248,704
22115	Fine cotton goods.....	346,777	38,049	7	384,833
22116	Other broad woven cotton fabrics and specialties.....	164,129	27,670	11,139	202,938
22117	Finished cotton broad woven fabrics.....	393,309	7,780	2199,101	600,190
22617	Fabricated cotton textile products:				
22118	Cotton sheets and pillowcases.....	(D)	xxx	( <sup>3</sup> )	239,927
23928	Cotton towels and washcloths.....	(D)	xxx	( <sup>3</sup> )	174,551
22110	Other fabricated cotton textile products, nec, including fabrics, nsk.....	80,426	7,370	43,159	130,955
23926 pt					
23990 pt					
	Secondary products.....	r 148,888	xxx	xxx	xxx
2221-	Man-made fibers (and silk) broadwoven fabrics: gray and finished goods and blankets.	464,132	xxx	xxx	xxx
22811	Carded cotton yarns.....	26,593	xxx	xxx	xxx
22812	Combed cotton yarns.....	8,716	xxx	xxx	xxx
22813	Rayon and/or acetate spun yarns.....	4,803	xxx	xxx	xxx
	Other secondary products.....	r 544,644	xxx	xxx	xxx
	Miscellaneous receipts.....	82,985	xxx	xxx	xxx
	Commission receipts for work done on material owned by others.....	19,928	xxx	xxx	xxx
	Sale of mill waste and other scrap.....	42,523	xxx	xxx	xxx
	Receipts for products bought and resold without further manufacture.....	20,534	xxx	xxx	xxx

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Weaving mills, synthetics (SIC 2221)	Weaving mills, cotton (SIC 2211)	Other industries	All industries
	Weaving mills, synthetics			
	Total shipments and receipts of the industry.....	1,225,509	xxx	xxx
	Primary products.....	1,012,315	64,132	72,050
	Gray goods:			
22211	Rayon and/or acetate pile, upholstery, tie and blanketing fabrics.....	121,270	13,772	1,701
22212	100 percent filament rayon and/or acetate fabrics.....	196,657	2,821	1,722
22213	100 percent spun rayon and/or acetate fabrics.....	82,915	7,822	3,080
22214	Combination filament and spun rayon and/or acetate fabrics.....	(D)	(D)	...
22215	Rayon and/or acetate mixtures with other fibers, nec.....	97,661	(D)	(D)
22216	Nylon and chiefly nylon fabrics.....	103,877	(D)	(D)
22217	Silk and man-made fabrics, nec.....	188,576	9,399	12,897
22218	Finished man-made fiber and silk broad woven fabrics.....	109,601	11,799	36,157
22219	Finished blankets.....	(D)	(D)	(7)
22210	Man-made fiber (and silk) fabrics, nsk.....	12,747	...	411
	Secondary products.....	173,123	xxx	xxx
2211-	Cotton broad woven fabrics; gray goods, finished goods and selected fabricated products.....	89,704	xxx	xxx
2231-	Wool fabrics.....	22,194	xxx	xxx
2259-	Knit gloves and knit products, nec.....	9,681	xxx	xxx
22813	Rayon and/or acetate spun yarns.....	8,796	xxx	xxx
22814	Other spun man-made fiber and silk yarns.....	10,499	xxx	xxx
2282-	Thrown and textured filament yarn including commission receipts for such processing	19,619	xxx	xxx
	Other secondary products.....	12,630	xxx	xxx
	Miscellaneous receipts.....	40,071	xxx	xxx
	Commission receipts for work done on materials owned by others, nec.....	26,543	xxx	xxx
	Sale of mill waste and other scrap.....	4,254	xxx	xxx
	Receipts for products bought and resold without further manufacture.....	9,274	xxx	xxx
	Weaving and finishing mills, wool			
	Total shipments and receipts of the industry.....	929,040	xxx	xxx
	Primary products.....	846,138	22,194	10,634
22311	Finished wool yarn, tops, or raw stock not spun or combed at same establishment....	27,130	...	10
22312	Wool fabrics, gray goods.....	124,005	(D)	(D)
22313	Finished wool apparel fabrics.....	563,368	11,427	6,731
22314	Finished wool nonapparel fabrics and felts.....	60,333	(D)	(D)
22315	Receipts for commission finishing or sponging of wool fabrics.....	36,592	(D)	(D)
22319	Wool and chiefly wool blankets.....	11,876	3,964	...
22310	Wool fabrics, nsk.....	22,834	...	135
	Secondary products.....	58,328	xxx	xxx
2283-	Wool yarns.....	17,630	xxx	xxx
22970	Scouring and combing mill products.....	25,454	xxx	xxx
	Other secondary products.....	15,244	xxx	xxx
	Miscellaneous receipts.....	24,574	xxx	xxx
	Commission receipts for work done for others on their materials, except commission finishing, and commission receipts not specified.....	19,342	xxx	xxx
	Sale of mill waste and other scrap.....	3,921	xxx	xxx
	Receipts for products bought and resold without further manufacture.....	1,311	xxx	xxx
	Narrow fabric mills			
	Total shipments of the industry.....	301,482	xxx	xxx
	Primary products.....	262,689	7,703	270,392
22411	Woven narrow fabrics.....	176,888	2,600	179,488
22414	Braided narrow fabrics.....	56,538	895	57,433
22415	Covered rubber thread.....	21,254	4,064	25,318
22410	Narrow fabrics, nsk.....	8,009	144	8,153
	Secondary products.....	20,727	xxx	xxx
	Miscellaneous receipts.....	18,066	xxx	xxx
	Commission receipts for work done on materials owned by others.....	4,976	xxx	xxx
	Receipts for products bought and resold without further manufacture.....	12,805	xxx	xxx
	Other receipts.....	285	xxx	xxx

<sup>1</sup>Includes shipments of \$12,619 thousand from Industry 2296, Tire Cord and Fabric and \$10,624 thousand from Industry 2281. <sup>2</sup>Includes shipments of \$185,293 thousand from Industry 2261, Finishing Plants, Cotton. Shipments of more than \$2 million were also reported for Industries 2299, Textile Goods, NEC, and 2392, Housefurnishings, NEC. The exact figures are withheld to avoid disclosure of individual company figures. <sup>3</sup>Includes shipments of sheets, pillowcases, and towels (product classes 22118, 23928, 22119, and 23929) of \$124,893 thousand from Industry 2392, Housefurnishings, NEC. Shipments of more than \$2 million were also reported for sheets and pillowcases (codes 22118 and 23928) by Industries 2261, Finishing Plants, Cotton, and 2399, Textile Products, NEC. <sup>4</sup>Shipments by product class are shown in the section of table 5B above for Industry 2221, Weaving Mills, Synthetics. <sup>5</sup>Includes the following product classes, each of which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: Product classes 22960, Tire cord and tire fabric, and 23930, Textile bags. <sup>6</sup>Includes \$25,135 thousand shipped by Industry 2262, Finishing Plants, Synthetics. Also includes more than \$5 million for Industry 2261, Finishing Plants, Cotton. Shipments of more than \$5 million were reported for Industry 2392, Housefurnishings, NEC. The exact figures are withheld to avoid disclosing individual company figures. <sup>7</sup>Shipments by product class are shown in the section of table 5B above for Industry 2211, Weaving Mills, Cotton, and Industry 2231, Weaving and Finishing Mills, Wool. <sup>8</sup>Includes more than \$2 million of product class 22561, Warp knit fabrics, and product group 2298, Trimmings and Stitching. <sup>9</sup>Revised.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958				1954		
		Total production	Total shipments including inter-plant transfers		Produced and consumed in the reporting plant	Total production	Total shipments including inter-plant transfers	
			Quantity	Value			Quantity	Value
2211--- 2261 pt. 2392 pt. 2399 pt.	Cotton broad woven fabrics: gray goods, finished goods and selected fabricated products	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(\$1,000) 3,060,665	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(\$1,000) 3,096,576
2211110 2211210	Cotton duck and allied fabrics (including combed duck). Cotton sheeting and allied coarse and medium yarn fabrics	200,212 2,310,774	219,659 1,935,634	111,602 526,254	3,650 315,095	239,819 2,493,582	225,034 2,015,883	128,134 545,551
2211310	Cotton print cloth yarn fabrics	23,339,005	3,381,920	440,711	64,331	4,039,169	3,986,793	515,646
22114--	Cotton colored yarn fabrics, toweling, and dishcloth fabrics and napped cotton fabrics, including blanketing (gray goods)	21,215,550	659,458	248,704	542,286	1,426,848	958,217	337,419
2211410	Cotton colored yarn fabrics (average carded yarns coarser than 35's)	2484,951	393,453	175,764	92,915	738,617	650,393	229,047
2211431	Cotton toweling and dishcloth fabric	2534,849	189,039	43,725	330,756	455,088	157,229	36,030
2211451	Napped cotton fabrics and blanketing	2195,750	76,966	29,215	118,615	233,143	150,595	72,342
2211510	Fine cotton fabrics (combed, part combed, and fine carded)	21453,437	1,109,666	384,833	306,851	1,244,336	999,008	318,866
2211610	Other woven cotton fabrics and specialties	2454,726	379,670	202,938	100,291	447,194	363,741	247,423
22117-- 22617--	Finished cotton broad woven fabrics (excluding commission finishing)	42,988,334	51,916,626	600,190	51,023,880	42,978,101	52,070,033	581,384
22117-- 22617--	Finished in cotton weaving mills	41,520,956	51,048,298	393,309	51,023,880	(NA)	(NA)	374,662
	Finished in other industries	41,467,378	5868,328	206,881		(NA)	(NA)	206,722
2211711 2261711	Bleached and white finished	41,947,466	1,051,684	262,075	866,884	2,000,611	1,272,606	230,137
2211731 2261731	Plain dyed and finished	4880,187	676,587	269,213	(D)	838,468	605,980	291,905
2211751 2261751	Printed and finished	4160,681	188,355	59,114	(D)	139,022	191,447	59,342
2211761 2261761	Other finished cotton fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.) not bleached, dyed, or printed in the producing establishment	(NA)	(NA)	3,616	(NA)	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
2211700 2261700	Finished cotton broad woven fabrics, nsk	xxxx	xxx	6,172	xxx	xxx	xxx	...
			1958			1954		
		Unit of measure	Total production (quantity)	Total shipments including inter-plant transfers		Total production (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
22118-- 23928--	Cotton sheets and pillowcases		xxx	xxx	7239,927	xxx	xxx	214,274
2211812 2392812	Sheets:							
	Crib size	1,000 dozen.	7864	7623	74,832	xxx	( <sup>8</sup> )	166,875
2211814 2392814	Other size:							
	Fitted	..do.....	72,545	71,985	744,410			
2211816 2392816	Not fitted	..do.....	77,654	77,064	7139,442			
2211853 2392853	Pillowcases	..do.....	710,799	79,864	748,890	xxx	8,860	46,533
2211800 2392800	Cotton sheets and pillowcases, nsk		xxx	xxx	72,353	xxx	xxx	866
22119-- 23929--	Cotton towels and washcloths		xxx	xxx	174,551	xxx	xxx	147,717
2211911 2392911	Towels, woven fabric:							
	Terry-woven	1,000 dozen.	23,993	23,376	109,958	xxx	19,553	92,504
2211921 2392921	Huck	..do.....	6,446	6,688	14,039	xxx	4,297	8,563
2211931 2392931	Plain and twill-woven, including dish towels (roll goods converted at 10 yards per dozen)	..do.....	12,010	11,609	19,177	xxx	9,856	18,568
2211953 2392953	Washcloths, woven fabric	..do.....	xxx	xxx	31,377	xxx	23,964	23,679
2211900 2392900	Towels and washcloths, nsk					xxx	xxx	94,403

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954			
			Total production (quantity)	Total shipments including inter- plant transfers		Total production (quantity)	Total shipments including inter- plant transfers		
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	
2211--- 2261 pt. 2392 pt. 2399 pt.	Cotton broad woven fabrics: gray goods, finished goods, and selected fabricated products <sup>1</sup> --Continued								
22110-- 23926 pt. 23990 pt.	Other fabricated cotton textile products <sup>1</sup> (including fabrics, nsk).....	.....	xxx	xxx	130,955	xxx	xxx	60,162	
2211031 2399023	Diapers, woven and knitted textile.....	1,000 dozen.	14,208	14,258	27,119	xxx	<sup>10</sup> 16,261	<sup>10</sup> 25,161	
2211041 2392651	Cotton Jacquard woven bedspreads and bed sets <sup>11</sup> : Made in cotton weaving mills..... Made in other industries.....	1,000 pairs or sets.... ...do.....	4,547 3,774	4,490 3,465	20,203 13,420	xxx	4,263	25,806	
2211045 2392671	Other than Jacquard-woven or tufted cotton bedspreads and bed sets <sup>11</sup> : Made in cotton weaving mills..... Made in other industries.....	...do..... ...do.....	2,541 814	2,505 690	7,627 4,189	}	2,179	9,195	
2211051 2211055	Bed and camp blankets, motor robes, etc.: Crib size..... Regular size.....	1,000 dozen. ...do.....	<sup>3</sup> 1,570 <sup>3</sup> 965	<sup>3</sup> 1,609 <sup>3</sup> 902	<sup>3</sup> 10,900 <sup>3</sup> 18,307		( <sup>3</sup> ) ( <sup>3</sup> )	( <sup>3</sup> ) ( <sup>3</sup> )	( <sup>3</sup> ) ( <sup>3</sup> )
2211098 2211000	Other fabricated textile products, nec..... Cotton broad woven fabrics, finished cotton fabrics, etc., nsk.....	..... .....	xxx xxx	xxx xxx	8,411 20,779	xxx xxx	xxx xxx	xxx xxx	
			1958			1954			
			Total production	Total shipments including inter- plant transfers		Produced and consumed in the reporting plant	Total production	Total shipments including inter- plant transfers	
				Quantity	Value			Quantity	Value
2221--- 22628--	Man-made fiber (and silk) broad woven fabrics: gray goods, finished goods, and blankets, total.....	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(\$1,000) 1,148,497	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(1,000 lin. yds.) xxx	(\$1,000) 1,077,198
22211--	Rayon and/or acetate pile, upholstery, tie, and blanketing fabrics (gray goods).....	<sup>2</sup> 200,680	138,450	136,743	65,968	<sup>12</sup> 87,906	<sup>12</sup> 62,610	<sup>12</sup> 72,476	
2221111 2221121	Pile, upholstery, drapery, tapestry, and tie fabrics. Blanketing.....	<sup>2</sup> 156,804 <sup>2</sup> 43,876	130,205 8,245	129,836 6,907	26,313 39,655	87,906 ( <sup>12</sup> )	62,610 ( <sup>12</sup> )	72,476 ( <sup>12</sup> )	
2221210 2221310 2221410	100% filament rayon and/or acetate fabrics (gray goods) 100% spun rayon and/or acetate fabrics (gray goods).... Combination filament and spun 100% rayon and/or acetate fabrics (gray goods).....	<sup>2</sup> 697,572 <sup>2</sup> 419,714 <sup>2</sup> 121,811	692,815 386,110 133,581	201,200 93,817 54,498	7,518 4,840 xxx	848,310 445,485 118,876	803,814 447,243 112,118	243,578 153,886 40,179	
2221512	Rayon and/or acetate mixtures with other fibers (gray goods), except blanketing, pile, upholstery, drapery, and tapestry fabrics.....	<sup>2</sup> 214,343 <sup>2</sup> 306,465	209,923 302,300	103,727 111,443	xxx 10,347	<sup>12</sup> 230,327 383,286	<sup>12</sup> 203,535 335,708	<sup>12</sup> 122,910 150,481	
2221610 2221712	Nylon and chiefly nylon fabrics (gray goods)..... Silk and man-made fiber fabrics, except rayon, acetate, or nylon (gray goods).....	<sup>2</sup> 422,910	413,957	210,872	39,475	<sup>13</sup> 282,818	<sup>13</sup> 255,443	<sup>13</sup> 160,298	
22218-- 22628--	Finished man-made fiber and silk broad woven goods (excluding commission finishing).....	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)		(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)		
22218-- 22628--	Finished in synthetic weaving mills..... Finished in other industries.....	<sup>4</sup> 172,585 <sup>r</sup> 496,090 <sup>r</sup> 476,495	<sup>5</sup> 148,300 <sup>r</sup> 77,779 <sup>r</sup> 70,521	157,557 <sup>r</sup> 109,601 <sup>r</sup> 47,956	<sup>5</sup> 26,775 223,844 2,931	<sup>4</sup> 124,662 (NA) (NA)	<sup>5</sup> 150,747 (NA) (NA)	133,390 (NA) (NA)	
2221811 2262811 2221815 2262815	Bleached and white finished: Rayon and/or acetate..... Other broad woven fabrics of man-made fibers or silk.....	<sup>4</sup> 7,955 <sup>4</sup> 32,105	9,049 30,965	3,034 12,592	(D) ...	33,487 9,254	32,704 9,781	8,799 4,969	
2221831 2262831 2221835 2262835	Plain dyed and finished: Rayon and/or acetate..... Other broad woven fabrics of man-made fibers or silk.....	<sup>4</sup> 78,932 <sup>4</sup> 44,871	57,941 42,430	74,972 47,717	(D) (D)	36,983 37,360	55,833 43,672	56,001 35,867	
2221851 2262851 2221855 2262855	Printed and finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	<sup>4</sup> 3,262 <sup>4</sup> 5,460	2,706 5,209	4,024 6,590	(D) (D)	5,056 2,522	3,964 4,793	1,550 10,544	
2221861 2262861 2262800	Other finished man-made fiber fabrics, not bleached, dyed, or printed at the establishment (flame- proofed, mildewproofed, mercerized, embossed, etc.). Finished man-made fiber and silk fabric (excluding commission finishing), nsk.....	(NA) xxx	(NA) xxx	6,633 1,995	xxx xxx	<sup>6</sup> 56,579 xxx	<sup>6</sup> 47,922 xxx	<sup>6</sup> 15,660 xxx	

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958			1954		
		Total production (1,000 dozen)	Total shipments including inter-plant transfers		Total production (1,000 dozen)	Total shipments including inter-plant transfers	
			Quantity (1,000 dozen)	Value (\$1,000)		Quantity (1,000 dozen)	Value (\$1,000)
2221-- 22628--	Man-made fiber (and silk) broad woven fabrics: gray goods, finished goods and blankets--Continued						
22219--	Finished blankets.....	xxx	xxx	65,482	xxx	xxx	(12) (13)
	Bed and camp blankets, motor robes, etc., wholly or chiefly rayon and/or acetate:						
2221911	Crib size.....	144	144	2,616	(12)	(12)	(12)
2221915	Regular size.....	1,498	1,513	54,010			
	Bed and camp blankets, motor robes, etc., wholly or chiefly man-made fibers other than rayon or acetate:						
2221921	Crib size.....	18	18	536	(13)	(13)	(13)
2221925	Regular size.....	141	138	8,320			
2221000	Man-made fiber (and silk) broad woven fabrics in the gray, nsk....	xxx	xxx	13,158	xxx	xxx	xxx
			1958				
		Unit of measure	Total production (quantity)	Total shipments including inter-plant transfers		Produced and consumed in the reporting plant (quantity)	
				Quantity	Value (\$1,000)		
2231---	Wool fabrics and finished wool yarn, top and raw stocks, not spun or combed in the same establishment <sup>14</sup> , total.....			xxx	xxx	878,966	xxx
2231111	Finished wool yarns, top, raw stock, etc., not combed or spun at finishing establishments.....	1,000 lbs.....		xxx	15,561	27,140	xxx
22312--	Wool fabrics, gray goods.....			xxx	xxx	128,546	xxx
2231210	Woolen and worsted apparel fabrics.....	1,000 lin. yds.....		280,783	56,216	120,911	208,954
2231230	Woolen and worsted nonapparel fabrics, except felts.....	...do.....		10,469	632	2,806	9,513
2231250	Woven wool felts.....	1,000 lbs.....		9,407	1,264	4,829	8,275
22313--	Finished wool apparel fabrics (excluding commission finishing)....	1,000 fin. lin. yds.		226,737	238,724	581,526	xxx
2231311	For Government orders.....	...do.....		4,806	4,587	12,645	xxx
	Other than Government orders:						
2231321	For use in men's and boys' clothing.....	...do.....		101,375	105,207	264,032	xxx
2231331	For use in women's and children's clothing.....	...do.....		120,556	128,930	304,849	xxx
22314--	Finished wool nonapparel fabrics and felts (excluding commission finishing).....			xxx	xxx	64,009	xxx
2231411	Blanketing.....	1,000 fin. lin. yds.		6,347	1,637	5,537	4,715
2231431	All other, except felts.....	...do.....		2,424	2,303	9,037	xxx
2231451	Woven wool felts.....	1,000 lbs.....		8,308	8,088	49,435	xxx
22315--	Commission finishing or sponging of wool fabrics owned by others...			xxx	xxx	38,936	xxx
2231511	Apparel fabrics for Government orders.....	1,000 fin. lin. yds.		17,620	17,604	4,610	xxx
	Other than Government order apparel fabrics:						
2231531	For use in men's and boys' clothing.....	...do.....		25,896	25,806	8,581	xxx
2231535	For use in women's and children's clothing.....	...do.....					
2231591	Contract receipts for shrinking, sponging, mending, etc., of wool cloth owned by others.....			xxx	xxx	12,410	xxx
2231593	Receipts for commission finishing wool textiles, except broad woven fabrics.....			xxx	xxx	11,010	xxx
2231500	Receipts for commission finishing of woolen and worsted fabrics fabrics, nsk.....			xxx	xxx	2,325	xxx
22319--	Wool and chiefly wool bed and camp blankets, motor robes, etc.....	1,000 dozen.....		225	229	15,840	xxx
2231921	Crib size.....	...do.....		225	299	15,840	xxx
2231925	Regular.....	...do.....					
2231000	Woolen and worsted fabrics, nsk.....			xxx	xxx	22,969	xxx

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including inter-plant transfers		Total production (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2241--	Narrow fabrics, total.....		xxx	xxx	270,392	xxx	xxx	249,859
22411--	Woven narrow fabrics.....		xxx	xxx	179,488	xxx	xxx	172,131
	Elastic woven narrow fabrics:							
2241111	1-1/2 inches in width and under.....	1,000 lin. yds.	471,283	466,106	31,878	376,090	373,272	23,609
2241113	Over 1-1/2 inches up to 6 inches in width....	...do.....	118,789	121,114	9,697	82,589	81,909	8,245
2241115	Over 6 inches in width.....	...do.....	(NA)	(NA)	3,120	10,616	10,343	2,849
2241110	Elastic woven narrow fabrics, nsk.....		xxx	xxx	6,276	xxx	xxx	4,485
	Woven narrow fabrics, except elastic:							
2241131	Strapping and apparel webbing.....	1,000 lin. yds.	57,169	56,102	8,899	151,847	151,492	8,555
2241141	Belting, transmission, and conveyor.....	...do.....	5,206	5,877	11,577	5,542	5,567	10,168
2241145	Venetian blind webbing.....	...do.....	35,234	34,074	2,717	95,171	92,047	4,907
	Tapes:							
2241151	Zipper tapes.....	...do.....	1,015,714	1,015,042	11,789	1,037,630	1,190,391	14,669
2241153	Electric insulating tapes.....	...do.....	456,223	443,513	4,598	486,115	497,851	5,451
	Bindings:							
2241158	Quantity reported.....	...do.....	678,428	673,947	10,065	652,187	650,188	6,916
	Quantity not reported.....		xxx	xxx	...	xxx	xxx	1,218
2241159	Other tapes:							
	Quantity reported.....	1,000 lin. yds.	567,840	590,183	7,480	1,038,235	1,032,540	7,378
	Quantity not reported.....		xxx	xxx	2,166	xxx	xxx	968
2241161	Auto wind lace.....	1,000 lin. yds.	34,274	34,543	5,185	74,146	74,046	10,292
2241171	Woven labels.....	1,000 labels...	(NA)	(NA)	15,254	(NA)	(NA)	17,320
	Ribbons:							
2241181	Quantity reported.....	1,000 lin. yds.	1,193,173	1,132,345	18,147	1,821,203	1,724,671	19,605
	Quantity not reported.....		xxx	xxx	4,656	xxx	xxx	3,410
2241198	Other woven narrow fabrics.....		xxx	xxx	15,474	xxx	xxx	22,086
2241100	Woven narrow fabrics, except elastic, nsk.....		xxx	xxx	10,510	xxx	xxx	...
22414--	Braided narrow fabrics.....		xxx	xxx	57,433	xxx	xxx	56,310
2241411	Elastic braided narrow fabrics:							
	Quantity reported.....	1,000 lin. yds.	1,078,375	1,058,006	18,453	1,009,226	991,441	16,561
	Quantity not reported.....		xxx	xxx	3,893	xxx	xxx	2,133
2241421	Shoe and corset laces.....	1,000 lbs.....	5,759	5,750	11,292	5,845	5,849	10,829
2241431	All other braided narrow fabrics.....		xxx	xxx	21,798	xxx	xxx	24,140
2241400	Braided narrow fabrics, nsk.....		xxx	xxx	1,997	xxx	xxx	2,647
2241511	Covered rubber thread.....	1,000 lbs.....	xxx	9,438	25,318	xxx	7,262	21,418
2241000	Narrow fabrics, nsk.....		xxx	xxx	8,153	xxx	xxx	...

D Withheld to avoid disclosing figures for individual companies.

NA Not available. \*Revised.

<sup>1</sup>Data for selected fabricated products that are made in significant amounts from cotton fabrics at cotton weaving mills are shown in this table. Data for other fabricated products such as bags, tents, housefurnishings, etc., which are also made at weaving mills but not in significant quantities, are published in the Census of Manufactures report MC58(2)-23E, "Miscellaneous Fabricated Textile Products."

<sup>2</sup>Total production data are from the Current Industrial Reports Series M22T.1 and M22T.2. These reports include a detailed breakdown by type of fabric produced. In special supplements for the first quarter of 1958, detailed data including prior year information, were also published for average weight and width of fabric production.

<sup>3</sup>In 1954, finished blankets were reported in linear yards and included with blanketing.

<sup>4</sup>Total production data exclude other finished fabrics, fabrics not specified by kind, and production on commission. Data are adjusted to information published in Current Industrial Reports Series M22S. This report also furnishes detailed information by type of fabric finished within major end use categories. Data for fabrics finished on commission are shown in the Census of Manufactures Report MC58(2)-22C, "Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods."

<sup>5</sup>Excludes quantity data for other finished fabrics and finished fabrics not specified by kind.

<sup>6</sup>The 1954 data for other finished cotton fabrics, code 2211761, are included with code 2221861.

<sup>7</sup>In order to avoid disclosure of individual company figures, 1958 data for man-made fiber sheets and pillowcases are included with cotton sheets and pillowcases.

<sup>8</sup>The total quantity of sheets shipped in 1954 is not available. However, manufacturers with shipments valued at \$159,582 thousand shipped 8,334 thousand dozen sheets.

<sup>9</sup>Includes \$3,166 thousand reported as other towels.

<sup>10</sup>Data for 1954 include nonwoven diapers which are excluded from the 1958 figures.

<sup>11</sup>In the report MC58(2)-23E data are shown for man-made fiber bedspreads and bed sets. In addition, bedspreads and bed sets were reported without fiber identification. Such products are also shown in the report MC58(2)-23E and are excluded from this table.

<sup>12</sup>In 1954, blanketing, code 2221121, was not reported separately and was included with code 2221512. In addition, finished rayon and acetate blankets, codes 2221911 and 2221915, were reported in linear yards and also included with code 2221512.

<sup>13</sup>In 1954, finished man-made fiber blankets, other than rayon or acetate, codes 2221921 and 2221925, were reported in thousands of linear yards and included with code 2221712.

<sup>14</sup>Comparable data for 1954 are not available because of changes in reporting procedure for finishing plants and revision in product classification (see Introduction). The Census Bureau publishes detailed quarterly production data for woolen and worsted fabrics in Current Industrial Reports Series M22T.3. In a special supplement for the first quarter of 1958, detailed data including prior year information, were also published for average weight and width of fabric production. The quarterly production report is used to collect cloth woven data in equivalent finished linear yards. The Census of Manufactures report for finished fabrics represents the quantity of such goods finished rather than woven and is not completely comparable to the quarterly production data.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Cotton duck and allied fabric (22111):</u>			<u>Fine cotton goods (22115):</u>			<u>Finished cotton broad woven fabrics (22117 and 22617)--Continued</u>	1958 <sup>1</sup>	
United States, total:			United States, total:			Continued		
1958.....	111,602		1958.....	384,833		South.....	506,964	
1957.....	114,032		1957.....	374,575		North Carolina.....	131,630	
1956.....	138,154		1956.....	383,243		South Carolina.....	140,784	
1955.....	144,456		1955.....	366,144		Georgia.....	92,464	
1954.....	128,134		1954.....	318,866		Alabama.....	24,966	
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954			
South Atlantic.....	60,485	71,238	New England.....	70,263	118,452	<u>Sheets and pillowcases (22118 and 23928):</u>	Value of shipments	
South Carolina.....	20,551	26,358	Massachusetts.....	41,493	64,810	United States, total:		
Georgia.....	34,957	38,369	Middle Atlantic.....	2,564	( <sup>2</sup> )	1958.....	239,927	
East South Central.....	35,140	40,473	South Atlantic.....	284,961	182,236	1957.....	248,809	
West South Central.....	13,538	11,650	North Carolina.....	63,165	33,017	1956.....	242,482	
Texas.....	13,430	11,064	South Carolina.....	209,556	139,501	1955.....	229,125	
			East South Central.....	27,045	16,172	1954.....	214,274	
							1958 <sup>1</sup>	1954
<u>Cotton sheeting and allied fabrics (22112):</u>	Value of shipments		<u>Other broad woven cotton fabrics and specialties (22116):</u>	Value of shipments		Northeast.....	25,031	29,668
United States, total:			United States, total:			South.....	213,165	183,200
1958.....	526,254		1958.....	202,938		North Carolina.....	69,571	60,350
1957.....	590,666		1957.....	257,305		South Carolina.....	83,728	73,997
1956.....	614,283		1956.....	276,202		Pacific.....	1,542	( <sup>3</sup> )
1955.....	611,593		1955.....	301,015		California.....	1,542	( <sup>3</sup> )
1954.....	545,551		1954.....	247,423				
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954	<u>Towels and washcloths (22119 and 23929):</u>	Value of shipments	
South Atlantic.....	414,221	399,515	New England.....	10,311	30,067	United States, total:		
South Carolina.....	186,284	194,348	Massachusetts.....	7,921	7,294	1958.....	174,551	
Georgia.....	136,782	133,893	Middle Atlantic.....	30,174	44,782	1957.....	164,821	
East South Central.....	86,129	109,248	New York.....	2,535	6,345	1956.....	168,499	
Other regions.....	25,904	36,788	New Jersey.....	12,136	20,812	1955.....	156,402	
Texas.....	8,012	( <sup>2</sup> )	Pennsylvania.....	15,503	17,625	1954.....	147,717	
			East North Central.....	2,455	2,138	1953.....	152,243	
<u>Cotton print cloth yarn fabrics (22113):</u>	Value of shipments		South.....	159,897	4170,436	1952.....	150,536	
United States, total:			North Carolina.....	52,092	55,090	1951.....	141,047	
1958.....	r 440,711		South Carolina.....	30,615	24,493	1947.....	117,159	
1957.....	470,268		Georgia.....	52,548	60,627		1958 <sup>1</sup>	1954
1956.....	507,827		Alabama.....	13,012	( <sup>2</sup> )	Middle Atlantic.....	6,260	4,853
1955.....	528,306					New York.....	2,778	2,446
1954.....	515,646					New Jersey.....	2,453	2,152
	1958 <sup>1</sup>	1954				Pennsylvania.....	1,029	( <sup>3</sup> )
South Atlantic.....	r 400,992	468,808	<u>Finished cotton broad woven fabrics (22117 and 22617):</u>	Value of shipments		North Central.....	3,031	e 1,906
North Carolina.....	r 44,393	75,909	United States, total:			South.....	164,339	e 139,090
South Carolina.....	328,430	351,137	1958.....	5600,190		Georgia.....	28,197	20,502
			1957.....	661,705				
<u>Cotton colored yarn fabrics, toweling and dishcloth fabrics, and napped cotton fabrics, including blanketing (22114):</u>	Value of shipments		1956.....	678,049				
United States, total.....	1958 <sup>1</sup>		1955.....	649,144		<u>Rayon and/or acetate pile, upholstery, tie, and blanketing fabrics (22211):</u>	1958 <sup>1</sup>	
South.....	248,704		1954.....	581,384		United States, total.....	136,743	
North Carolina.....	99,576		New England.....	73,989		Middle Atlantic.....	37,619	
South Carolina.....	33,643		Massachusetts.....	55,173		New York.....	4,764	
Georgia.....	40,543		Rhode Island.....	1,884		New Jersey.....	13,517	
Alabama.....	49,505		Middle Atlantic.....	17,245		Pennsylvania.....	19,338	

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
<u>Rayon and/or acetate pile, upholstery, tie, and blanketing fabrics (22211)--Continued</u>	1958 <sup>1</sup>		<u>Combination filament and spun rayon and/or acetate fabrics (22214)--Continued</u>	1958 <sup>1</sup>	1954	<u>Silk and man-made fiber fabrics, nec (22217)--Continued</u>	1958 <sup>1</sup>
South Atlantic.....	79,435		Northeast.....	6,694	5,975	South.....	138,037
Virginia.....	4,374		Pennsylvania.....	1,821	( <sup>2</sup> )	Virginia.....	15,541
North Carolina.....	58,343		South.....	47,804	34,204	North Carolina.....	55,555
South Carolina.....	12,752		Virginia.....	1,476	2,203	South Carolina.....	39,421
Georgia.....	3,950		North Carolina.....	25,804	17,499	Georgia.....	19,944
Other regions.....	19,689		South Carolina.....	20,445	14,502	<u>Finished man-made fiber and silk broad woven goods (22628 and 22218):</u>	Value of shipments
Rhode Island.....	9,712			Value of shipments		United States, total:	
Connecticut.....	5,181		<u>Rayon and/or acetate mixtures with other fibers, nec (22215):</u>	1958 <sup>1</sup>		1958.....	<sup>a</sup> 157,557
<u>100% filament rayon and/or acetate fabrics (22212):</u>	Value of shipments		United States, total.....	103,727		1957.....	140,598
United States, total:						1956.....	143,019
1958.....	201,200		Northeast.....	25,753		1955.....	150,850
1957.....	180,460		New Hampshire.....	2,124		1954.....	<sup>a</sup> 133,390
1956.....	200,150		Massachusetts.....	9,773			
1955.....	234,735		Rhode Island.....	3,717		Northeast.....	57,706
1954.....	243,578		Pennsylvania.....	7,902		Massachusetts.....	2,689
1953.....	317,105		South.....	77,974		Connecticut.....	5,951
1952.....	312,112		North Carolina.....	43,481		New York.....	7,354
1951.....	445,694		South Carolina.....	20,746		New Jersey.....	6,179
1950.....	550,142		Georgia.....	7,993		Pennsylvania.....	34,506
1947.....	446,193					South and West.....	99,851
	1958 <sup>1</sup>	1954	<u>Nylon and chiefly nylon fabrics (22216):</u>	Value of shipments		North Carolina.....	65,261
Northeast.....	74,080	99,415	United States, total:			South Carolina.....	29,631
New Hampshire.....	4,748	7,749	1958.....	111,443			Value of shipments
Massachusetts.....	21,548	32,690	1957.....	146,806			1958 <sup>1</sup>
Rhode Island.....	16,487	13,218	1956.....	119,645		<u>Finished blankets (22219):</u>	
New Jersey.....	2,767	6,230	1955.....	156,373		United States, total.....	65,482
Pennsylvania.....	24,680	28,687	1954.....	150,481		Northeast.....	10,093
South.....	127,120	144,163	1947.....	74,200		South.....	55,389
Virginia.....	33,221	28,925		1958 <sup>1</sup>	1954	North Carolina.....	43,566
North Carolina.....	39,333	50,677	New England.....	11,637	28,849	<u>Wool fabrics, gray goods (22312):</u>	
South Carolina.....	35,463	46,910	Massachusetts.....	6,465	14,994	United States, total.....	128,546
<u>100% spun rayon and/or acetate fabrics (22213):</u>	Value of shipments		Middle Atlantic.....	8,433	13,664	New England.....	26,602
United States, total:			New York.....	3,384	2,050	Maine.....	9,843
1958.....	93,817		Other regions.....	91,373	<sup>4</sup> 107,968	Massachusetts.....	9,108
1957.....	104,265		Virginia.....	19,979	20,499	Rhode Island.....	5,736
1956.....	118,540		North Carolina.....	31,289	38,229	Middle Atlantic.....	10,308
1955.....	171,580		South Carolina.....	25,220	32,982	Pennsylvania.....	7,094
1954.....	153,886			Value of shipments		South Atlantic.....	91,463
1953.....	172,747		<u>Silk and man-made fiber fabrics, nec (22217):</u>			Virginia.....	20,817
1952.....	153,964		United States, total:			<u>Finished wool apparel fabrics (22313):</u>	
1951.....	161,277		1958.....	<sup>a</sup> 210,872		United States, total.....	581,526
1950.....	163,255		1957.....	222,168		New England.....	284,814
1947.....	118,234		1956.....	197,217		Maine.....	58,028
	1958 <sup>1</sup>	1954	1955.....	176,734		New Hampshire.....	51,520
Northeast.....	4,000	3,133	1954.....	160,298		Vermont.....	7,316
South.....	89,817	<sup>4</sup> 150,753	1947.....	731,995		Massachusetts.....	126,259
North Carolina.....	24,431	50,725		1958 <sup>1</sup>		Rhode Island.....	16,455
South Carolina.....	48,601	78,037	Northeast.....	72,835		Connecticut.....	25,236
Georgia.....	15,985	18,494	New Hampshire.....	6,645		Middle Atlantic.....	53,013
<u>Combination filament and spun rayon and/or acetate fabrics (22214):</u>	Value of shipments		Massachusetts.....	8,522		Pennsylvania.....	28,561
United States, total:			Rhode Island.....	1,957			
1958.....	54,498		New York.....	7,684			
1954.....	40,179		New Jersey.....	4,907			
1953.....	78,692		Pennsylvania.....	31,870			
1952.....	110,213						
1951.....	95,323						
1950.....	80,354						
1947.....	79,058						

See footnotes at end of table

## MANUFACTURES-INDUSTRY STATISTICS

Table 6B.-Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years-Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Finished wool apparel fabrics (22313)--Continued</u>	1958 <sup>1</sup>	<u>Woven narrow fabrics (22411):</u>		<u>Woven narrow fabrics (22411)--Continued</u>	1958 <sup>1</sup>
East North Central.....	8,839	United States, total:		East South Central.....	8,017
Wisconsin.....	4,950	1958.....	179,488	Alabama.....	5,374
South Atlantic.....	203,696	1957.....	188,333		
North Carolina.....	20,892	1956.....	200,103	<u>Braided narrow fabrics (22414):</u>	Value of shipments
South Carolina.....	43,885	1955.....	193,613	United States, total:	
East South Central.....	16,694	1954.....	172,131	1958.....	57,433
Tennessee.....	16,694			1957.....	60,308
Other regions.....	14,470	New England.....	64,990	1956.....	62,061
		New Hampshire.....	4,893	1955.....	66,136
<u>Finished wool nonapparel fabrics and felts (22314):</u>		Massachusetts.....	24,618	1954.....	56,310
United States, total.....	64,009	Rhode Island.....	24,158		
New England.....	10,747	Connecticut.....	11,321		
Connecticut.....	2,503			New England.....	28,743
Middle Atlantic.....	30,521	Middle Atlantic.....	56,137	Massachusetts.....	6,494
New York.....	28,758	New York.....	18,938	Rhode Island.....	20,922
East North Central.....	9,964	New Jersey.....	9,131	Connecticut.....	1,327
Other regions.....	12,777	Pennsylvania.....	28,068	Middle Atlantic.....	17,933
		East North Central.....	4,153	New York.....	5,413
		South Atlantic.....	45,064	Pennsylvania.....	12,004
		Maryland.....	4,789	North Central.....	2,463
		Virginia.....	10,148	South and West.....	8,294
		North Carolina.....	15,944	North Carolina.....	1,065
		South Carolina.....	9,692		
		Georgia.....	1,195		

Note: The composition of the product classes together with information qualifying the data are shown in table 6A and the footnotes to that table. The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Revised.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22111, New York, Maryland, and Alabama; 22112, Maine, Virginia, North Carolina, Tennessee, Alabama, and Arkansas; 22113, New Hampshire, Massachusetts, Virginia, Georgia, Tennessee, and Alabama; 22114, New Hampshire, Virginia, and Mississippi; 22115, Maine, Rhode Island, Connecticut, Pennsylvania, Georgia, Tennessee, and Alabama; 22116, Connecticut, Wisconsin, Virginia, Kentucky, and Arkansas; 22117 and 22617, Maine, New Hampshire, Connecticut, New York, New Jersey, Virginia, Tennessee, and Texas; 22118 and 23928, Maine, Massachusetts, New York, Virginia, Georgia, Alabama, Arkansas, Oklahoma, and Texas; 22119 and 23922, Illinois, Virginia, North Carolina, Tennessee, and Alabama; 22211, Massachusetts and Kentucky; 22212, Maine, Georgia, and Tennessee; 22213, New Hampshire; 22214, New Hampshire; 22215, Connecticut and Virginia; 22216, New Hampshire, Rhode Island, Pennsylvania, Georgia, Tennessee, and Alabama; 22217, Maine, Connecticut, Missouri, Tennessee, Alabama, and Texas; 22218 and 22628, Maryland, Georgia, and Texas; 22219, Maine, Massachusetts, South Carolina, Georgia, and Tennessee; 22312, New York, New Jersey, North Carolina, South Carolina, and Georgia; 22313, New York, New Jersey, Ohio, Illinois, Michigan, Iowa, Maryland, Virginia, West Virginia, Georgia, Washington, and Oregon; 22314, Maine, Massachusetts, Pennsylvania, Ohio, Wisconsin, North Carolina, South Carolina, Alabama, and Mississippi; 22411, Illinois, West Virginia, Florida, and Tennessee; 22414, Ohio, Virginia, and Georgia.

<sup>3</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>4</sup>Shipments of less than \$1 million reported.

<sup>5</sup>Includes all other regions not shown separately.

<sup>6</sup>Data for 1958 include \$3.6 million for finished fabrics other than bleached, dyed, or printed. Such fabrics are excluded from prior years data.

<sup>7</sup>Excludes less than \$2 million reported in the West South Central or West North Central.

<sup>8</sup>In 1947, nylon mixtures were included in product class 22217.

<sup>9</sup>Data for 1958 exclude the value of finished blankets made from man-made fiber fabrics other than rayon and acetate. Prior data include the value of such finished blankets.

<sup>10</sup>Data for 1958 and 1954 include the value of fabrics finished other bleached, dyed and printed. Figures for other years exclude such fabrics (see table 6A).

Table 7.-Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials <sup>1</sup>	1958		1954	
		Quantity (1,000 lbs.)	Delivered cost (\$1,000)	Quantity (1,000 lbs.)	Delivered cost (\$1,000)
	INDUSTRY 2241-NARROW FABRIC MILLS				
	Materials, containers and supplies, total.....	xxx	140,445	xxx	121,266
222111	Cotton yarns.....	63,040	49,769	63,491	48,516
222121	Rayon and acetate yarns.....	24,173	18,284	19,749	14,451
222131	Nylon yarns.....	6,697	10,461	6,207	11,240
322919	Textile glass fiber yarns.....	(NA)	1,337	1,329	1,002
222191	Other yarns.....	10,634	11,968	4,617	7,918
970099	All other materials, containers, supplies, components, etc.....	xxx	32,593	xxx	38,139
973000	Materials, containers, supplies, nsk <sup>2</sup> .....	xxx	16,033	xxx	

NA Not available. <sup>1</sup>Yarn consumption data for cotton and synthetic weaving mills are collected and published quarterly in the Census Bureau's Current Industrial Reports, Series M22T.1 and M22T.2. <sup>2</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2211	WEAVING MILLS, COTTON (entire industry)	r496	r243,419	r724,481	r228,609	r443,255	r646,678	r1,078,592	r1,622,758	r2,748,584	r48,441
	Establishments with:										
	90% or more specialization.....	r404	r205,581	r611,431	r193,392	r374,091	r546,499	r901,115	r1,377,595	r2,306,153	r42,146
	75-89% specialization.....	.32	16,407	47,369	15,502	29,555	42,701	70,301	102,620	188,394	1,638
22111	Cotton duck and allied fabrics (gray goods) (primary product class of estab.).....	31	9,997	26,257	9,378	17,311	23,397	39,009	55,947	95,837	1,665
	Establishments with:										
	90% or more specialization....	17	2,393	6,343	2,216	4,042	5,491	10,441	15,179	26,049	1,155
	75-89% specialization.....	9	4,435	11,694	4,169	7,637	10,554	15,950	23,427	39,609	(1)
22112	Cotton sheeting and allied fabrics (gray goods) (primary product class of estab.).....	91	55,079	154,627	52,385	98,872	140,787	204,476	361,742	582,466	8,955
	Establishments with:										
	90% or more specialization....	48	19,519	52,660	18,706	34,830	47,798	65,974	122,591	195,189	3,102
	75-89% specialization.....	15	11,407	31,875	10,879	20,250	29,190	42,105	79,849	125,037	2,143
22113	Cotton print cloth yarn fabrics (gray goods) (primary product class of estab.).....	r66	r41,324	r123,751	r38,926	r77,556	r112,543	r175,688	r266,722	r448,410	r9,564
	Establishments with:										
	90% or more specialization....	r53	r27,494	r81,823	r26,001	r51,439	r74,325	r117,106	r174,544	r295,492	r6,763
22114	Cotton colored yarn fabrics, towelling and dish cloth fabrics, and napped cotton fabrics, incl. blanketing (gray goods) (primary product class of estab.).....	37	21,219	61,501	19,981	36,580	55,265	105,032	161,972	269,889	4,629
	Establishments with:										
	90% or more specialization....	21	12,791	36,167	12,193	21,616	32,861	67,108	89,886	159,263	2,296
	75-89% specialization.....	5	1,493	4,200	1,422	2,445	3,818	6,992	9,957	16,836	(1)
22115	Fine cotton goods (gray goods) (primary product class of estab.)..	54	34,018	106,215	32,115	63,962	95,944	155,765	206,632	368,318	6,102
	Establishments with:										
	90% or more specialization....	37	19,374	60,190	18,155	36,080	53,900	91,316	115,370	209,229	4,411
	75-89% specialization.....	7	6,959	21,538	6,679	13,277	19,967	27,081	36,536	65,105	(1)
22116	Other broad woven cotton fabrics and specialties (gray goods) (primary product class of estab.)..	75	14,105	42,749	12,976	25,009	36,190	62,908	93,892	159,192	2,957
	Establishments with:										
	90% or more specialization....	51	6,755	20,932	6,209	11,888	17,235	29,627	46,427	76,195	1,831
	75-89% specialization.....	12	2,946	8,930	2,785	5,263	8,074	13,484	20,043	34,065	(1)
22117	Finished cotton fabrics (primary product class of estab.).....	42	36,642	118,954	33,553	67,812	101,099	195,058	262,833	466,442	10,002
	Establishments with:										
	90% or more specialization....	24	11,481	38,425	10,697	21,996	33,319	66,479	91,664	158,310	3,896
	75-89% specialization.....	6	18,052	58,475	16,422	32,615	49,045	87,610	103,043	191,339	3,513
22118	Fabricated cotton textile products, cotton sheets and pillowcases (primary product class of estab.)..	7	5,835	16,721	5,523	11,217	15,100	27,824	46,346	76,256	1,018
22119	Cotton towels and washcloths (primary product class of estab.)..	4	15,338	44,067	14,550	26,945	40,040	59,658	112,194	172,510	1,930
2221	WEAVING MILLS, SYNTHETICS (entire industry).....	401	81,688	276,655	74,452	150,649	233,965	468,583	749,931	1,225,509	15,043
	Establishments with:										
	90% or more specialization.....	269	41,511	140,607	37,990	76,571	118,641	235,765	423,299	660,436	7,681
	75-89% specialization.....	30	13,887	46,225	12,453	25,255	38,534	80,986	125,022	210,648	3,704
22211	Rayon and/or acetate pile, upholstery, tie and blanketing fabrics (gray goods) (primary product class of estab.).....	72	9,191	33,720	8,367	17,133	27,940	58,029	91,015	149,493	2,248
	Establishments with:										
	90% or more specialization....	45	2,877	11,702	2,564	5,157	9,329	22,871	30,784	53,862	603
	75-89% specialization.....	7	1,124	3,656	1,043	2,012	3,176	5,902	13,997	19,640	(D)
22212	100 percent filament rayon and/or acetate fabrics (gray goods) (primary product class of estab.)..	56	11,606	39,672	10,643	22,025	34,431	68,301	147,978	217,739	1,973
	Establishments with:										
	90% or more specialization....	37	3,770	13,246	3,466	7,252	11,337	23,908	50,452	73,870	646
	75-89% specialization.....	6	2,034	6,642	1,879	3,905	5,885	10,605	27,387	38,584	(1)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958--Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
22213	WEAVING MILLS, SYNTHETICS (entire industry)--Continued 100 percent spun rayon and/or acetate fabrics (gray goods) (primary product class of estab.)..	13	9,778	28,957	9,204	17,250	25,754	44,888	62,715	105,987	2,502
22214	Combination filament and spun rayon and/or acetate fabrics (gray goods) (primary product class of estab.)..	8	2,530	8,344	2,354	4,896	7,026	11,104	18,368	30,154	( <sup>1</sup> )
22215	Rayon and/or acetate mixtures with other fabrics (gray goods) (primary product class of estab.).....	24	6,924	22,889	6,354	12,969	19,435	34,518	58,908	94,048	1,074
	Establishments with:										
	90% or more specialization....	10	2,290	7,333	2,131	4,202	6,486	10,481	15,246	25,636	( <sup>1</sup> )
22216	Nylon and chiefly nylon fabrics (gray goods) (primary product class of estab.).....	29	7,187	24,277	6,462	13,218	20,284	46,117	93,922	141,488	711
	Establishments with:										
	90% or more specialization....	9	196	786	171	369	655	2,262	4,219	6,277	( <sup>1</sup> )
22217	Silk and man-made fiber fabrics, nec (gray goods) (primary product class of estab.).....	64	14,431	49,590	13,051	26,233	41,282	82,347	138,492	226,328	2,281
	Establishments with:										
	90% or more specialization....	33	4,514	15,046	4,150	8,257	12,854	24,088	35,809	60,584	840
	75-89% specialization.....	6	1,475	5,591	1,300	2,456	4,422	8,206	10,012	21,241	( <sup>1</sup> )
22218	Finished fabrics (primary product class of estab.).....	21	9,068	32,177	7,941	16,329	26,044	63,262	81,570	143,681	1,539
	Establishments with:										
	90% or more specialization....	11	1,951	8,273	1,787	3,637	6,790	15,390	22,257	37,490	( <sup>1</sup> )
2231	WEAVING AND FINISHING MILLS, WOOL (entire industry).....	469	55,952	206,094	49,053	98,662	116,189	336,618	576,617	929,040	9,702
	Establishments with:										
	90% or more specialization.....	390	44,997	168,020	39,477	79,237	135,364	278,567	448,503	742,378	7,170
	75-89% specialization.....	15	3,027	11,178	2,592	5,096	8,610	22,795	64,257	84,424	( <sup>1</sup> )
22311	Finished wool yarn, tops, or raw stock not spun or combed at same establishment (primary product class of estab.).....	13	552	2,385	447	892	1,582	3,657	14,268	18,506	( <sup>1</sup> )
22313	Finished wool apparel fabrics (primary product class of estab.)..	120	33,971	123,021	30,266	61,297	102,561	208,112	402,460	615,495	4,745
	Establishments with:										
	90% or more specialization....	94	24,913	90,208	22,428	44,947	75,830	156,930	267,396	428,511	3,251
	75-89% specialization.....	16	4,412	16,931	3,836	8,047	13,766	28,941	98,477	126,051	510
22314	Finished wool nonapparel fabrics and felts (primary product class of estab.).....	20	4,576	20,772	3,576	7,004	13,390	36,333	24,853	61,652	1,251
	Establishments with:										
	90% or more specialization....	15	3,589	17,198	2,757	5,472	10,804	30,783	20,049	51,087	1,086
22315	Receipts for commission finishing or sponging of wool fabrics (primary product class of estab.)..	143	5,308	20,153	4,555	8,825	16,055	29,655	8,874	38,713	1,109
	Establishments with:										
	90% or more specialization....	132	4,512	17,264	3,861	7,545	13,742	25,660	7,451	33,156	1,053
	75-89% specialization.....	6	525	1,991	459	848	1,566	2,708	869	3,713	...
2241	NARROW FABRICS MILLS (entire industry).....	488	24,587	85,923	21,534	42,592	65,225	142,638	157,879	301,482	6,307
	Establishments with:										
	90% or more specialization	442	19,687	67,389	17,401	34,421	51,716	113,544	126,336	240,478	4,616
	75-89% specialization.....	10	717	2,771	598	1,151	2,052	4,657	6,170	10,964	( <sup>1</sup> )
22411	Woven narrow fabrics (primary product class of estab.).....	281	16,365	59,169	14,248	28,203	44,776	99,802	105,248	205,255	4,193
	Establishments with:										
	90% or more specialization....	246	11,517	41,736	10,115	20,013	32,035	69,665	68,200	137,756	2,798
	75-89% specialization.....	13	1,258	4,049	1,141	2,208	3,349	7,626	9,270	16,760	( <sup>1</sup> )
22414	Braided narrow fabrics (primary product class of estab.).....	101	5,407	17,690	4,770	9,420	12,961	27,935	36,243	64,016	1,032
	Establishments with:										
	90% or more specialization....	88	3,513	11,054	3,155	6,251	8,579	17,660	20,482	37,964	781
22415	Covered rubber thread (primary product class of estab.).....	18	1,354	4,547	1,254	2,521	3,815	7,994	11,561	20,280	( <sup>1</sup> )

D Withheld to avoid disclosing figures for individual companies.      Revised.  
<sup>1</sup> Less than \$500 thousand.



# Knitting Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

2251--Full-Fashioned Hosiery Mills  
2252--Seamless Hosiery Mills  
2253--Knit Outerwear Mills  
2254--Knit Underwear Mills  
2256--Knit Fabric Mills  
2259--Knitting Mills, Not Elsewhere  
Classified

These establishments are primarily producing knit products, including knit apparel, from yarn, or dyeing and finishing knit products. Establishments producing knit products, such as knit outerwear, from purchased knit fabric are excluded from this group and included in the appropriate industry in Major Group 23, Apparel and Other Finished Products Made from Fabrics and Similar Materials.

## Patterns of Operation

The knitting industries are characterized by three major types of establishment operations. These operations and the Census method of classification are: (1) establishments producing knit products from yarn owned by the knitting establishment, or dyeing and finishing knit products for their own account are included in this report as manufacturers; (2) establishments that knit fabric from yarns owned by others or dye and finish knit products owned by others are included in this report as contractors; and (3) establishments that purchase the yarns or greige goods and employ contract knitters or dyers to process the materials for their account are included in this report as converters. The converters perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, arranging for the knitting and finishing, and selling the final product. The actual processing of the yarns or greige goods into the final product is performed on contract by a commission knitter and finisher. The converters should be differentiated from the wholesalers or dealers that purchase and resell finished knitted products, but do not perform the functions of the knitting converter. Wholesalers and dealers are classified in the Wholesale Trade industries and are included in the 1958 Census of Business statistics.

The 1957 edition of the Standard Industrial Classification Manual included knitting converters within the manufacturing sector. The 1945 edition of the Standard Industrial Classification had been amended by the Bureau of the Budget to similarly include the knitting converters in the manufacturing area. Therefore, the data shown for 1958 and earlier years are comparable.

## Method of Reporting on Census Questionnaires

Typically, the knitting manufacturer reports figures on employment, including production workers, cost of yarns or greige goods and other materials purchased, and the value of products made by him from his own materials. The knitting converter will show, in addition to his cost of materials, a cost of contract work and the value of products made for him by others from his materials. The typical knitting converter's report shows few, if any, production workers and his labor costs are represented in his "cost of contract work."

The contractor, on the other hand, reports figures on employment, primarily production workers. His cost of materials would exclude the basic yarn or greige goods costs but would include costs for other materials consumed, such as dyestuffs. As the contractor performs a commission operation on materials owned by others, his entire receipts would represent the amount received for knitting and other processing that he has performed on materials owned by others. These receipts are generally shown separately in table 5B. In other tables they are included under the classifications of "Value of Production" or "Value of Shipments."

The production or shipments data shown in table 6A include the quantity produced by manufacturers for their own account and the quantity produced for converters from their materials by contractors. To the extent that some contractors may also produce products for their own account, that production is also included in table 6A.

## Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of production, and value added by manufacture, plants were classified by their primary method of operation as

manufacturers, converters, or contractors. Wherever possible, separate statistics for each group are shown in tables 2-4. It should be noted, however, that many establishments in these industries employ more than one method of operation. For example, some establishments act as both manufacturer and converter. In assigning the primary method of operation for manufacturer-converter plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a

manufacturer. If the contract payment exceeded the wage and salary payments, the plant was classified as a converter. Similarly, for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

The following table provides comparative data for each of the three types of establishments included in the industries covered by this report.

SUMMARY STATISTICS FOR KNITTING MILLS  
(GROUP 225), BY TYPE OF ESTABLISHMENT: 1958

Item	Manufacturers	Converters	Contractors
Total value of production, including miscellaneous receipts (\$1,000).....	2,035,821	362,657	<sup>1</sup> 171,096
Number of production workers.....	161,827	3,550	24,855
Total number of employees.....	179,618	6,366	27,362
Ratio of production workers to all employees.....	.90	.56	.91
Adjusted value added by manufacture (\$1,000).....	893,023	81,301	127,051
Ratio of adjusted value added by manufacture to total value of production.....	.44	.22	.74
Salaries and wages paid (\$1,000).....	531,045	30,851	87,877
Ratio of wages and salaries to adjusted value added by manufacture.....	.59	.38	.69

<sup>1</sup>This figure consists largely of receipts for contract work, but such receipts are treated as equivalent to value of production in the industry statistics.

#### Production, Shipments, and Adjusted Value Added by Manufacture

The Census of Manufactures generally collected value of shipments data as indicated in paragraph 13 of the Introduction. However, for Industries 2253, 2254, and 2259 value of production information was collected. Under this procedure, manufacturers reported the value of production of individual products made from their yarn or greige fabric. Converters reported the value of products made for them from their materials. As changes in finished product inventories are reflected in the production data, no adjustment for such changes was made in computing the adjusted value added by manufacture for these industries.

#### Current Industrial Statistics

The Census Bureau also conducts a number of current surveys relating to the industries included in this report. The surveys and the kinds of data collected are: (1) MA23A, Annual Apparel

Survey, which furnishes detailed apparel cuttings data by type of garment; (2) MA23D, Gloves and Mittens, which furnishes detailed production data; and (3) MA22K, Knit Cloth for Sale, which collects production data for the various kinds of knit fabric produced for sale.

As these surveys were conducted for 1958 concurrently with the Census of Manufactures, the collection of product statistics in the Census of Manufactures was limited to summary figures. The detailed data shown in tables 6A, 6C, and 6D are based on the Current Industrial Reports listed above.

#### 2251--Full-Fashioned Hosiery Mills

This industry comprises establishments primarily engaged in knitting, dyeing, or finishing full-fashioned hosiery. For a detailed list of products of Industry 2251, refer to table 6A, product codes 2251113 to 2251231.

The code number as well as the definition of this industry were unchanged in the 1957 revision



of the Standard Industrial Classification Manual from the previous classification system.

Figures on the total cost of materials and value of shipments of Industry 2251, Full-Fashioned Hosiery Mills, have not been published because they contain a high percentage of duplication. The value of hosiery shipped in the greige would, in effect, be counted twice; once as a shipment of the establishment producing greige goods to the dyeing and finishing plant and once more in the value of finished hosiery shipped by the dyeing and finishing plant. Similarly, the cost of materials figures would also be overstated. For this reason, the primary product specialization ratio could not be computed precisely for this industry. This ratio was, however, quite high (over 80 percent) in both 1958 and 1954.

Because of this duplication in the value of the primary products of Industry 2251, the coverage ratio also cannot be precisely computed. However, for both 1958 and 1954, it is quite high.

#### 2252--Seamless Hosiery Mills

This industry comprises establishments primarily engaged in knitting, dyeing, or finishing seamless (circular knit) hosiery. For a detailed list of products of Industry 2252, refer to table 6A, product codes 2252113 to 2252498.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

The value of shipments and cost of materials data for this industry include a substantial amount of duplication because greige goods are shipped from one plant to another plant classified in the industry for finishing. The extent of this duplication is measured in table 5B, which shows that approximately 13 percent of the industry's shipments represented seamless hosiery shipped in the greige. An additional 1 percent of the industry's shipments represented full-fashioned hosiery shipped in the greige. A measure of the duplication in the cost of materials data is not available.

Value of shipments and other receipts of the Seamless Hosiery Mills Industry in 1958 totaled \$597 million. This included shipments of seamless hosiery (primary products), valued at \$534 million, shipments of other products (secondary products), valued at \$39 million, and miscellaneous receipts of \$25 million.

This industry's shipments of seamless hosiery (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 96 percent. Secondary products shipped by this industry in 1958 consisted mainly of finished full-fashioned

hosiery, \$18 million, and full-fashioned hosiery shipped in the greige, \$7 million.

Industry 2252 shipments of seamless hosiery (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$592 million shipped by all industries. In 1954, the coverage ratio was 93 percent. Industry 2251, Full-Fashioned Hosiery Mills, shipped a significant amount of seamless hosiery.

#### 2253--Knit Outerwear Mills

This industry comprises establishments primarily engaged in knitting outerwear from yarn, or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in hand knitting outerwear for the trade are included in this industry. Establishments primarily engaged in manufacturing woven or purchased knit fabric gloves and mittens are classified in Industry 2381, and those manufacturing outerwear from purchased knit fabric in Major Group 23. For a detailed list of products of Industry 2253, refer to table 6A, product codes 2253112 to 2253361.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Knit Outerwear Mills Industry in 1958 totaled \$814 million. This included shipments of knit outerwear (primary products), valued at \$610 million, shipments of other products (secondary products), valued at \$61 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$143 million.

This industry's shipments of knit outerwear (primary products) in 1958 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 93 percent. Secondary products shipped by this industry in 1958 included men's and boys' knit underwear and nightwear, \$14 million, and circular knit fabrics, \$7 million.

Industry 2253 shipments of knit outerwear (primary products) in 1958 represented 74 percent (coverage ratio) of these products valued at \$826 million shipped by all industries. In 1954, the coverage ratio was 73 percent. However, knit outerwear produced from purchased fabrics are classified as primary to the "cut-and-sew" industries in Major Group 23. The production of individual products and groups of products by Major Group 23 industries is shown in tables 5B and 6A. The coverage ratio based on all industries to which knit outerwear is primary would be considerably higher than the 74 percent indicated above.



2254--Knit Underwear Mills

This industry comprises establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23. For a detailed list of products of Industry 2254, refer to table 6A, product codes 2254112 to 2254312.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Knit Underwear Mills Industry in 1958 totaled \$292 million. This included shipments of knit underwear (primary products), valued at \$238 million, shipments of other products (secondary products), valued at \$32 million, and miscellaneous receipts of \$21 million.

This industry's shipments of knit underwear (primary products) in 1958 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 88 percent. Secondary products shipped by this industry in 1958 consisted mainly of knit outerwear shirts, \$13 million, and circular knit fabrics, \$8 million.

Industry 2254 shipments of knit underwear (primary products) in 1958 represented 35 percent (coverage ratio) of these products valued at \$684 million shipped by all industries. In 1954, the coverage ratio was 39 percent. However, knit underwear produced from purchased knit fabrics are classified as primary to the "cut-and-sew" industries in Major Group 23. The production of individual products and groups of products by the Group 23 industries is shown in tables 5B and 6A. The coverage ratio based on all industries to which knit underwear is primary would be considerably higher than the 35 percent indicated above.

2256--Knit Fabric Mills

This industry comprises establishments primarily engaged in knitting tubular or flat fabric, and in dyeing or finishing knit fabric. For a detailed list of products of Industry 2256, refer to table 6A, product codes 2256112 to 2256219.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Included in this industry are establishments producing greige knit fabric which are then shipped to other establishments for finishing. To the extent that these goods are shipped to

other establishments also classified in Industry 2256, there is duplication in the value of shipments and cost of materials shown for this industry. A measure of the extent of this duplication is shown in table 6A where separate data are reported for warp knit and circular knit greige goods shipments.

Value of shipments and other receipts of the Knit Fabric Mills Industry in 1958 totaled \$487 million. This included shipments of knit fabric (primary products), valued at \$417 million, shipments of other products (secondary products), valued at \$27 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$43 million.

This industry's shipments of knit fabric (primary products) in 1958 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 94 percent.

Industry 2256 shipments of knit fabric (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$462 million shipped by all industries. In 1954, the coverage ratio was 91 percent. Other industries shipping knit fabric (primary products) included Industry 2253, Knit Outerwear Mills, \$12 million, and Industry 2254, Knit Underwear Mills, \$10 million.

2259--Knitting Mills, Not Elsewhere Classified

This industry comprises establishments primarily engaged in knitting gloves and other articles, n.e.c. For a detailed list of products of Industry 2259, refer to table 6A, product codes 2259011 to 2259098.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged from the classification system followed in the 1954 Census. However, the content of this industry has been revised to include establishments primarily producing knit gloves from knit fabric produced in the same establishment. These establishments were formerly classified as a separate industry, old S.I.C. Code 2255, Knit Glove Mills.

New S.I.C. 2259 is directly comparable with the sum of old S.I.C. 2255 and 2259. Therefore, the data for these two industries for 1954 and prior years have been combined.

Value of shipments and other receipts of the Knitting Mills, N.E.C., Industry in 1958 totaled \$30 million. This included shipments of knit gloves and other knit products, n.e.c. (primary products), valued at \$24 million, shipments of other products (secondary products), valued at \$2 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$3 million.



This industry's shipments of knit gloves and other knit products (primary products) in 1958 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary).

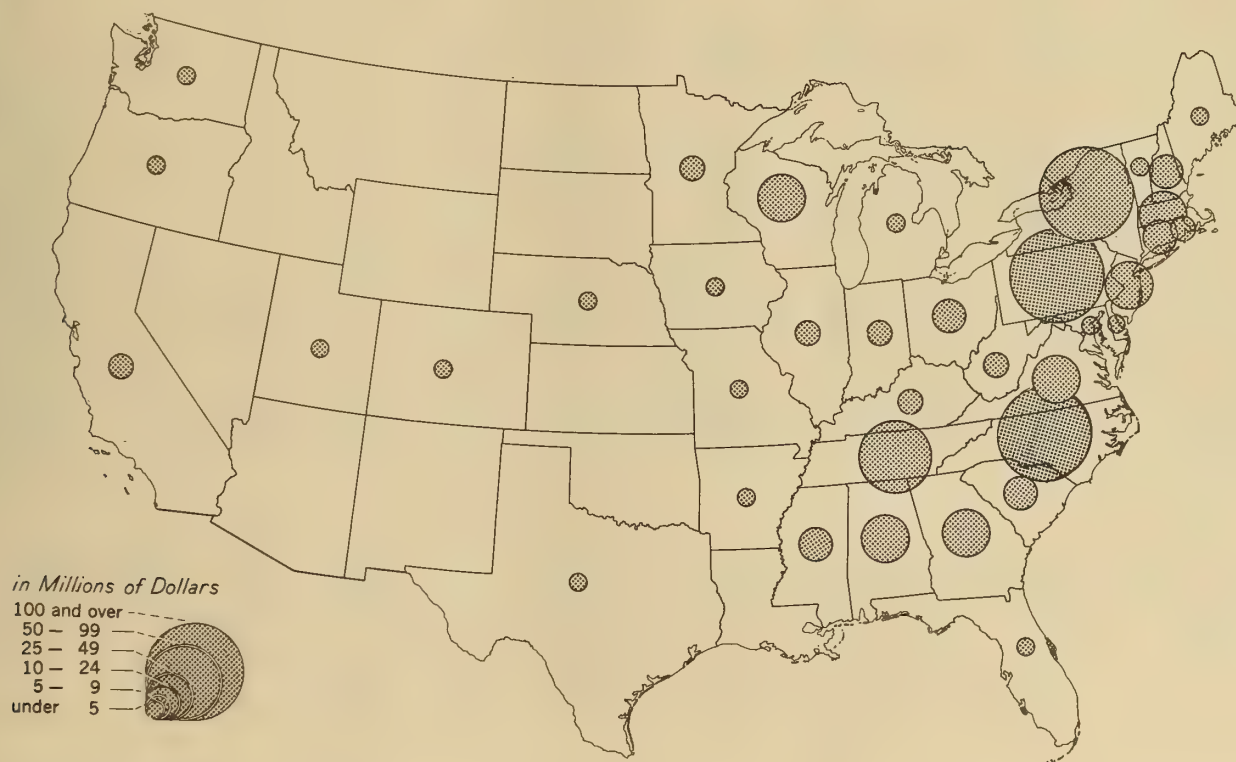
Industry 2259 shipments of knit gloves and other knit products, n.e.c. (primary products) in 1958 represented 18 percent (coverage ratio)

of these products valued at \$136 million shipped by all industries. However, knit gloves made from purchased fabric are also classified as primary to Industry 2381, Fabric Dress and Work Gloves. The coverage ratio based on both industries to which knit gloves are primary would, therefore, be substantially higher than the 18 percent indicated above.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### KNITTING MILLS: SIC 225

Value Added by Manufacture by State: 1958



Includes Industries 2251, 2252, 2253, 2254, 2256, and 2259. See Table 2.

Bureau of the Census. M-58-D225

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2251 (old SIC 2251)	Full-fashioned hosiery mills:														
	1958.....	390	432	241	33,687	103,998	30,119	56,143	86,226	172,996	(8)	(8)	6,098	(10)	(10)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	48,650	146,087	43,366	80,184	121,748	205,504	(8)	(8)	(S)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	55,734	171,524	50,375	95,274	144,953	254,446	(8)	(8)	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	59,386	177,902	53,769	100,551	150,144	267,143	(8)	(8)	10,062	(NA)	(NA)
	1954.....	716	789	420	60,150	178,454	55,023	101,925	151,619	270,779	(8)	(8)	7,698	(10)	(10)
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	68,008	205,053	60,886	113,961	173,397	308,015	(8)	(8)	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	65,469	190,410	57,603	106,445	161,512	293,038	(8)	(8)	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	74,833	215,859	66,832	120,035	184,834	317,282	(8)	(8)	(S)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	77,322	220,291	70,945	134,434	189,909	383,778	(8)	(8)	(S)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	73,627	204,047	67,243	125,744	178,802	313,084	(8)	(8)	(S)	(NA)	(NA)
	1947.....	(NA)	738	(NA)	70,034	178,062	65,148	125,719	156,320	319,369	(8)	(8)	(NA)	(10)	(10)
	1939.....	(NA)	499	(NA)	103,902	117,443	97,200	(NA)	100,775	156,047	(8)	(8)	(NA)	(NA)	(NA)
	1937 <sup>11</sup> .....	(NA)	354	(NA)	(NA)	(NA)	89,358	(NA)	98,755	141,005	(8)	(8)	(NA)	(NA)	(NA)
2252 (old SIC 2252)	Seamless hosiery mills:														
	1958.....	611	659	489	69,483	177,104	64,438	112,878	151,762	290,825	306,696	597,437	13,519	93	90
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	67,639	167,961	63,684	113,695	144,964	271,642	264,352	532,275	(S)	95	92
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	65,737	157,760	61,886	108,480	136,638	248,303	248,303	496,034	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	67,173	148,704	63,291	112,613	128,329	244,996	253,183	495,353	(S)	(NA)	(NA)
	1954.....	566	609	444	63,350	135,481	59,656	105,905	117,455	203,156	235,803	439,873	12,986	96	93
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	63,469	133,726	59,739	107,491	117,356	195,893	207,539	403,432	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	61,676	129,101	58,110	109,252	112,192	189,685	220,751	410,436	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	58,297	118,539	55,113	100,579	102,155	172,908	219,361	392,269	(S)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	61,779	116,098	58,396	106,407	101,658	168,065	187,706	355,771	(S)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	58,369	100,072	54,211	99,138	85,563	143,389	153,381	296,770	(S)	(NA)	(NA)
	1947.....	565	618	(NA)	64,913	105,711	61,443	114,446	91,939	163,899	163,108	327,007	(NA)	96	91
	1939 <sup>11</sup> .....	(NA)	433	(NA)	65,353	48,873	61,852	(NA)	41,862	72,090	66,575	138,665	(NA)	(NA)	(NA)
	1937.....	(NA)	391	(NA)	(NA)	(NA)	61,102	(NA)	37,509	60,652	62,974	123,626	(NA)	(NA)	(NA)
2251 and 2252	Total for hosiery mills <sup>11</sup> :														
	1958.....	(NA)	1,448	921	103,170	281,102	94,557	169,021	237,988	463,821	(8)	(8)	19,617	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	116,289	314,048	107,050	193,879	266,712	477,146	(8)	(8)	(S)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	121,471	329,284	112,261	203,754	281,591	506,533	(8)	(8)	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	126,559	326,606	117,060	213,164	278,473	512,139	(8)	(8)	(S)	(NA)	(NA)
	1954.....	1,398	864	123,500	313,935	114,679	207,830	269,074	473,935	(8)	(8)	20,684	(NA)	(NA)	(NA)
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	131,477	338,779	120,625	221,452	290,753	503,908	(8)	(8)	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	127,145	319,511	115,713	215,697	273,704	482,723	(8)	(8)	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	133,130	334,398	121,945	220,614	286,989	490,190	(8)	(8)	(S)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	139,101	336,389	129,341	240,841	291,567	551,843	(8)	(8)	(S)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	131,996	304,119	121,454	224,882	264,365	456,473	(8)	(8)	(S)	(NA)	(NA)
	1947.....	1,356	(NA)	134,947	283,773	126,591	240,165	248,259	483,268	(8)	(8)	(NA)	(NA)	(NA)	(NA)
	1939.....	932	(NA)	169,255	166,316	159,052	(NA)	142,637	228,137	(8)	(8)	(NA)	(NA)	(NA)	(NA)
	1937.....	745	(NA)	157,243	151,431	150,460	(NA)	136,264	201,657	(8)	(8)	(NA)	(NA)	(NA)	(NA)
	1935 <sup>12</sup> .....	(NA)	695	(NA)	144,399	135,709	138,021	(NA)	121,377	168,625	146,562	315,187	(NA)	(NA)	(NA)
	1933.....	(NA)	614	(NA)	122,671	90,845	117,919	(NA)	82,959	143,354	120,356	263,710	(NA)	(NA)	(NA)
	1931.....	(NA)	621	(NA)	(NA)	(NA)	112,374	(NA)	95,129	175,158	156,051	331,209	(NA)	(NA)	(NA)
	1929.....	(NA)	730	(NA)	136,648	162,193	129,542	(NA)	140,079	269,834	258,866	528,700	(NA)	(NA)	(NA)
	1927.....	(NA)	672	(NA)	119,014	132,201	112,842	(NA)	114,678	221,249	235,664	456,913	(NA)	(NA)	(NA)
	1925.....	(NA)	683	(NA)	110,550	109,088	103,930	(NA)	93,383	183,420	237,760	421,180	(NA)	(NA)	(NA)
	1923.....	(NA)	721	(NA)	103,367	93,507	96,957	(NA)	78,762	156,320	233,953	390,273	(NA)	(NA)	(NA)
2253 (old SIC 2253)	Knit outerwear mills:														
	1958.....	1,114	1,123	633	60,672	203,998	52,608	97,557	154,804	339,914	473,110	813,577	11,155	91	74
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	58,881	187,375	51,839	98,475	143,594	325,670	393,292	705,646	8,672	91	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	57,316	178,675	50,925	97,806	136,727	313,983	385,875	686,701	9,774	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	52,105	157,067	46,630	87,483	118,739	282,515	358,218	620,843	10,239	(NA)	(NA)
	1954.....	1,081	1,083	529	46,403	139,182	41,345	75,955	104,490	236,495	336,902	578,590	9,853	93	73
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	49,371	149,111	44,005	84,097	109,941	(S)	(S)	(S)	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	50,327	140,100	43,832	87,476	107,641	234,712	294,644	529,356	(S)	(NA)	(NA)
	1947.....	1,196	1,199	(NA)	34,543	80,674	30,383	(NA)	59,590	145,370	185,104	330,474	(NA)	91	82
	1939 <sup>13</sup> .....	(NA)	725	(NA)	(NA)	(NA)	23,437	(NA)	19,300	46,674	60,496	107,170	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	669	(NA)	(NA)	(NA)	26,139	(NA)	21,554	47,311	59,525	106,836	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new <sup>6</sup>	Spec- ial- iza- tion ratio <sup>6</sup> (per- cent)	Cov- er- age <sup>7</sup> ratio (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2254 (old SIC 2254)	Knit underwear mills:														
	1958.....	132	140	122	27,918	81,183	24,613	45,369	64,448	135,703	157,984	291,852	5,459	88	35
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	31,397	87,390	27,965	50,569	69,913	141,691	169,110	316,530	(S)	88	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	33,686	92,148	30,114	55,763	74,302	154,224	170,336	319,974	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	33,181	88,271	29,652	55,552	71,741	136,675	169,716	303,259	(S)	(NA)	(NA)
	1954.....	140	149	133	31,262	77,501	28,248	51,204	63,095	104,739	150,009	261,535	2,982	88	39
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	40,735	99,398	36,790	66,327	80,700	156,020	213,354	369,374	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	35,551	88,633	32,501	60,888	73,052	145,038	190,480	334,046	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	38,960	91,436	35,466	64,264	74,646	147,882	243,298	389,708	(S)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	37,672	83,435	33,990	62,848	68,525	131,699	169,188	299,415	(S)	(NA)	(NA)
	1947.....	140	172	(NA)	40,579	80,520	37,546	74,111	67,990	153,399	163,421	295,411	(NA)	87	70
	1939 <sup>13</sup> .....	(NA)	184	(NA)	(NA)	(NA)	37,478	(NA)	26,693	50,099	59,699	109,798	(NA)	(NA)	(NA)
	1937 <sup>16</sup> .....	(NA)	186	(NA)	(NA)	(NA)	41,237	(NA)	29,328	55,812	65,492	121,304	(NA)	(NA)	(NA)
	1935.....	(NA)	186	(NA)	37,529	28,918	34,930	(NA)	23,445	42,125	53,929	96,054	(NA)	(NA)	(NA)
	1933.....	(NA)	195	(NA)	38,070	25,599	35,915	(NA)	22,251	47,269	44,931	92,200	(NA)	(NA)	(NA)
	1931.....	(NA)	218	(NA)	(NA)	(NA)	31,951	(NA)	22,545	44,915	44,938	89,853	(NA)	(NA)	(NA)
	1929.....	(NA)	251	(NA)	44,336	40,876	41,487	(NA)	32,928	69,782	81,060	150,842	(NA)	(NA)	(NA)
	1927.....	(NA)	285	(NA)	49,369	46,919	46,227	(NA)	39,183	81,173	92,250	173,423	(NA)	(NA)	(NA)
	1925.....	(NA)	298	(NA)	51,268	47,430	48,328	(NA)	40,145	75,943	112,627	188,570	(NA)	(NA)	(NA)
	1923 <sup>14</sup> .....	(NA)	326	(NA)	51,815	47,813	48,552	(NA)	39,932	74,905	107,450	182,355	(NA)	(NA)	(NA)
2256 (old SIC 2256)	Knit fabric mills:														
	1958.....	336	357	181	18,356	73,871	15,689	32,301	55,693	147,394	336,060	487,185	7,132	94	90
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	18,765	68,932	15,852	33,674	53,186	149,942	338,035	484,090	6,789	91	89
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	18,657	67,064	16,009	34,331	52,162	129,585	304,500	433,275	9,509	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	18,741	65,298	16,540	35,578	51,534	146,611	299,482	440,099	8,921	(NA)	(NA)
	1954.....	324	340	153	16,812	57,878	14,680	30,560	44,621	111,621	266,424	379,936	6,214	94	91
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	15,185	52,123	13,384	27,369	39,536	99,536	265,297	364,833	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	17,479	58,816	15,528	32,705	46,326	116,529	291,955	408,525	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	16,110	50,349	14,343	29,060	38,655	91,333	249,409	340,783	(S)	(NA)	(NA)
	1947.....	297	306	(NA)	13,460	34,681	11,849	27,005	26,755	170,202	128,139	197,454	(NA)	93	88
1939 <sup>14</sup> .....	(NA)	143	(NA)	(NA)	(NA)	9,548	(NA)	9,054	21,448	39,363	60,811	(NA)	(NA)	(NA)	
2259 (old SIC 2255, 2259)	Knitting mills, nec:														
	1958 <sup>17</sup> .....	71	75	38	3,230	9,619	2,765	4,873	7,130	14,543	15,672	30,092	r <sup>255</sup>	91	18
	1954.....	(NA)	75	44	3,384	8,821	3,022	5,476	6,812	13,026	15,203	28,553	(NA)	(NA)	(NA)
	1947 <sup>14</sup> .....	(NA)	88	(NA)	5,774	10,722	5,427	(NA)	9,260	17,724	17,295	34,905	(NA)	(NA)	(NA)

NA Not available. <sup>r</sup>Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. For Industries 2251, 2252, and 2256, adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For Industries 2253, 2254, and 2259, however, the figures represent value of production rather than value of shipments. In computing adjusted value added for Industries 2253, 2254, and 2259, only the net change in work-in-process inventories between the beginning and the end of the year is included. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

## Industry Code

## Value Added (\$1,000)

2251  
2252  
2253  
2254  
2256  
2259266,993  
202,477  
231,702  
110,591  
113,122  
13,251

Footnotes continued on next page.

Footnotes for Table 1-22B

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials, Etc., Consumed." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2251	(a)	(a)
2252	293,675	226,773
2253	438,634	312,431
2254	148,036	145,698
2256	335,085	264,262
2259	14,892	14,341

<sup>a</sup>Omitted because of extensive duplication.

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1954-1958, the figures for Industries 2251, 2252, and 2256 represent value of shipments while the figures for Industries 2253, 2254, and 2259 represent value of production. For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2251	(a)	(a)
2252	584,396	429,251
2253	<sup>b</sup> 774,141	544,129
2254	<sup>b</sup> 280,541	256,290
2256	486,116	377,383
2259	<sup>b</sup> 29,194	27,592

<sup>a</sup>Omitted because of extensive duplication.

<sup>b</sup>Represents value of production.

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). For Industries 2253, 2254, and 2259, value of production rather than value of shipments is used for calculating the specialization ratios. Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. For Industries 2253, 2254, and 2259, value of production rather than value of shipments is used for calculating the coverage ratios. Also see tables 5A and 5B.

<sup>8</sup>Omitted because of extensive duplication in cost of materials and value of shipments. See text for Industry 2251.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>Ratios not meaningful because of duplication in value of shipments.

<sup>11</sup>Prior to 1937, "Full-Fashioned Hosiery Mills" and "Seamless Hosiery Mills" constituted a single industry. The totals for these two industries have been combined in order that data can be shown for the period 1923-1958.

<sup>12</sup>The figures for 1935-1954 include data for dyers and finishers of hosiery knitted by others, whereas the figures for earlier years do not include such data.

<sup>13</sup>The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$45.3 million for Knit Outerwear Mills and \$51.7 for Knit Underwear Mills.

<sup>14</sup>Comparable data for earlier years are not available.

<sup>15</sup>For the Knit Underwear Mills and Knit Fabric Mills Industries, the 1947 value added by manufacture does not equal the published value of shipments less cost of materials because an estimated value of production was used in the calculation in place of value of shipments. Since the 1949-1952 estimates were derived from 1947 base totals, the same inequality may exist for these years.

<sup>16</sup>Data for establishments that cut and sew products from knit cloth made in separate mills of integrated companies are included in the figures for 1937 and 1939 but not for other years. Value added in 1937, excluding data for such establishments was \$54.3 million for Knit Underwear Mills.

<sup>17</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: Knit Glove Mills (old SIC 2255) and Knitting Mills, NEC (old SIC 2259). The data for 1954 and earlier years for these two industries have been combined.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2251	Full-fashioned hosiery mills, total.....	432	241	33,687	103,998	30,119	56,143	86,226	172,996	(3)	6,098	60,150	266,993	70,034
	New England.....	6	4	615	1,697	513	991	1,297	2,830	(3)	(2)	1,261	5,044	1,491
	Middle Atlantic...	189	70	6,616	21,037	5,696	10,667	16,301	32,212	(3)	941	18,425	78,797	29,300
	New York.....	13	4	225	766	171	332	486	1,339	(3)	(2)	1,250	5,829	1,170
	New Jersey.....	20	5	244	627	217	392	539	1,233	(3)	(2)	984	4,032	3,311
	Pennsylvania....	156	61	6,147	19,644	5,308	9,943	15,276	29,640	(3)	788	16,190	68,935	24,819
	North Central.....	11	8	1,181	4,990	780	1,504	2,465	8,941	(3)	(2)	3,526	18,542	8,232
	South Atlantic....	185	125	20,243	60,742	18,656	34,492	53,275	105,908	(3)	4,049	28,824	126,573	(D)
	Maryland.....	4	2	113	330	98	191	264	482	(3)	(D)	321	1,161	630
	Virginia.....	20	15	2,207	6,731	1,986	3,811	5,825	9,853	(3)	559	2,831	12,398	2,801
	North Carolina..	126	87	15,712	46,710	14,569	26,625	41,198	86,056	(3)	3,151	22,396	97,910	16,481
	South Carolina..	14	10	743	2,378	687	1,324	2,088	3,032	(3)	(2)	895	4,257	609
	Georgia.....	11	9	1,179	3,783	1,053	2,065	3,195	5,469	(3)	(2)	2,012	9,114	2,237
	East South Central	25	23	4,259	12,856	3,818	7,239	10,914	18,873	(3)	824	6,905	31,044	(D)
	Tennessee.....	15	13	1,695	5,321	1,486	2,832	4,360	7,492	(3)	(2)	3,789	16,632	4,449
	Mississippi.....	6	6	1,436	4,043	1,300	2,602	3,562	5,524	(3)	(2)	1,584	6,925	1,058
	West South Central	5	5	415	1,442	349	734	1,107	2,107	(3)	(2)	771	3,710	441
	Pacific.....	11	6	358	1,234	306	516	867	2,125	(3)	(2)	435	3,279	440
	California.....	11	6	358	1,234	306	516	867	2,125	(3)	(2)	435	3,279	440
2251-02	Full-fashioned hosiery mills-manufacturers, total	361	203	29,986	93,582	26,938	50,171	78,482	154,758	(3)	5,815	(NA)	(NA)	(NA)
	New England.....	6	4	615	1,697	513	991	1,297	2,830	(3)	(2)	(NA)	(NA)	(NA)
	Middle Atlantic...	146	48	5,378	17,778	4,641	8,698	13,854	27,376	(3)	786	(NA)	(NA)	(NA)
	Pennsylvania....	119	42	5,002	16,722	4,320	8,098	13,003	25,568	(3)	661	(NA)	(NA)	(NA)
	South Atlantic....	168	118	19,197	58,294	17,677	32,727	51,131	99,150	(3)	4,022	(NA)	(NA)	(NA)
	Maryland.....	4	2	113	330	98	191	264	482	(3)	(D)	(NA)	(NA)	(NA)
	North Carolina..	114	81	14,778	44,527	13,689	25,041	39,283	79,650	(3)	3,130	(NA)	(NA)	(NA)
	East South Central	17	16	3,102	9,541	2,794	5,232	8,133	14,341	(3)	731	(NA)	(NA)	(NA)
	Tennessee.....	11	10	1,476	4,649	1,301	2,480	3,883	6,464	(3)	(2)	(NA)	(NA)	(NA)
	West South Central	5	5	415	1,442	350	734	1,107	2,107	(3)	(2)	(NA)	(NA)	(NA)
	All other divisions.....	19	12	1,279	4,830	963	1,789	2,960	8,954	(3)	(2)	(NA)	(NA)	(NA)
2251-03	Full-fashioned hosiery mills-converters, total..	14	4	451	2,234	182	369	550	7,593	(3)	(2)	(NA)	(NA)	(NA)
2251-04	Full-fashioned hosiery mills-contractors, total.	57	34	3,250	8,182	2,999	5,603	7,194	10,645	(3)	(2)	(NA)	(NA)	(NA)
2252	Seamless hosiery mills, total.....	659	489	69,483	177,104	64,438	112,878	151,762	290,825	597,437	13,519	63,350	202,477	64,913
	New England.....	20	14	1,088	2,984	945	1,667	2,314	4,210	11,403	(2)	1,148	4,261	1,647
	Massachusetts...	6	4	333	1,063	279	517	757	1,325	3,107	(2)	328	1,171	587
	Middle Atlantic...	89	67	5,544	15,999	5,072	9,423	13,163	24,534	50,979	1,837	5,435	19,947	8,026
	Pennsylvania....	67	52	4,363	12,280	3,977	7,323	10,066	18,700	39,434	1,647	4,476	15,481	6,552
	North Central.....	17	15	3,203	9,715	2,813	5,168	7,392	19,148	42,352	(2)	3,032	11,815	3,741
	Illinois.....	4	4	813	2,270	743	1,368	1,963	4,876	10,162	(2)	(4)	(4)	(4)
	Wisconsin.....	9	7	1,414	3,968	1,276	2,250	3,074	7,005	13,767	(2)	1,370	5,020	1,322
	South.....	533	393	59,648	148,406	55,608	96,620	128,893	242,933	492,703	11,195	(4)	(4)	(4)
	Virginia.....	12	8	1,557	3,873	1,428	2,511	3,319	5,389	10,840	(2)	1,501	4,666	1,358
	North Carolina..	368	264	36,843	91,260	34,574	59,043	80,228	150,131	298,084	6,626	29,849	98,506	26,713
	South Carolina..	7	5	507	1,164	449	813	964	1,428	2,924	(2)	(4)	(4)	(4)
	Georgia.....	41	27	4,237	9,843	3,947	6,996	8,565	15,772	28,515	1,101	5,394	13,818	6,205
	Tennessee.....	61	55	11,113	28,693	10,282	18,741	24,414	48,976	108,156	2,730	10,748	32,497	10,580
	Alabama.....	16	11	1,742	4,066	1,667	2,920	3,711	6,582	11,455	(2)	1,444	3,688	1,307
	Mississippi.....	7	6	520	1,238	487	818	991	1,973	4,043	(2)	(4)	(4)	(4)
	Arkansas.....	4	4	378	991	358	661	904	1,393	2,791	(2)	(4)	(4)	(4)
2252-02	Seamless hosiery mills-manufacturers, total.....	596	461	67,223	171,345	62,555	109,603	147,582	280,724	572,784	13,342	(NA)	(NA)	(NA)
	Northeast and													
	North Central....	105	88	9,041	26,185	8,270	15,330	21,506	42,214	88,861	2,252	(NA)	(NA)	(NA)
	Massachusetts...	6	4	333	1,063	279	517	757	1,325	3,107	(2)	(NA)	(NA)	(NA)
	Pennsylvania....	55	47	3,811	10,811	3,510	6,572	8,929	16,344	34,073	1,609	(NA)	(NA)	(NA)
	Illinois.....	4	4	813	2,270	743	1,368	1,963	4,876	10,162	(2)	(NA)	(NA)	(NA)
	South.....	491	373	58,182	145,160	54,285	94,273	126,076	238,510	483,923	11,090	(NA)	(NA)	(NA)
	North Carolina..	331	248	35,572	88,403	33,432	57,012	77,761	146,326	290,362	6,521	(NA)	(NA)	(NA)
	South Carolina..	7	5	507	1,164	449	813	964	1,428	2,924	(2)	(NA)	(NA)	(NA)
	Georgia.....	38	24	4,138	9,647	3,855	6,833	8,393	15,457	27,793	1,101	(NA)	(NA)	(NA)
	Alabama.....	16	11	1,742	4,066	1,667	2,920	3,711	6,582	11,455	(2)	(NA)	(NA)	(NA)
	Mississippi.....	7	6	520	1,238	487	818	991	1,973	4,043	(2)	(NA)	(NA)	(NA)
	Arkansas.....	4	4	378	991	358	661	904	1,393	2,791	(2)	(NA)	(NA)	(NA)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2252-03	Seamless hosiery mills-converters, total.....	15	4	375	1,387	184	345	411	4,236	16,160	(2)	(NA)	(NA)	(NA)
	Northeast and North Central....	8	2	233	1,061	80	155	187	3,580	12,670	(2)	(NA)	(NA)	(NA)
	South.....	7	2	142	326	104	190	224	656	3,490	(2)	(NA)	(NA)	(NA)
2252-04	Seamless hosiery mills-contractors, total.....	48	24	885	4,372	1,699	2,930	3,769	5,865	8,493	(2)	(NA)	(NA)	(NA)
	Northeast and North Central....	13	6	561	1,452	480	773	1,176	2,098	3,203	(2)	(NA)	(NA)	(NA)
	South.....	35	18	1,324	2,920	1,219	2,157	2,593	3,767	5,290	(2)	(NA)	(NA)	(NA)
2253	Knit outerwear mills, total.....	1,123	633	60,672	203,998	52,608	97,557	154,804	339,914	813,577	11,155	46,403	231,702	34,543
	New England.....	49	28	6,170	19,389	5,251	9,656	14,465	31,843	72,095	819	4,063	16,727	3,136
	New Hampshire....	6	5	1,774	5,878	1,509	2,790	4,218	8,444	25,258	(2)	809	3,425	153
	Massachusetts....	26	13	3,617	11,295	3,032	5,591	8,418	20,011	40,377	547	2,680	10,641	2,405
	Middle Atlantic....	912	517	41,113	141,851	35,714	65,676	109,001	247,541	585,125	7,860	31,665	171,221	23,569
	New York.....	680	359	23,231	85,172	19,599	36,307	62,278	156,584	397,668	5,055	18,779	114,011	14,909
	New Jersey.....	117	74	4,976	16,660	4,569	8,341	14,164	24,293	52,762	864	4,113	18,740	2,755
	Pennsylvania....	115	84	12,906	40,019	11,546	21,028	32,559	66,664	134,695	1,941	8,772	38,469	5,905
	East North Central	39	23	3,283	11,807	2,894	5,609	8,766	17,599	39,602	(D)	3,326	16,891	(D)
	Ohio.....	16	13	2,151	8,205	1,911	3,862	6,057	11,823	28,389	(2)	2,044	10,972	1,577
	Wisconsin.....	12	7	857	2,776	747	1,313	2,080	4,440	8,204	(2)	901	4,104	1,291
	West North Central	6	5	352	1,112	300	626	873	1,840	4,396	(D)	432	1,973	389
	Minnesota.....	6	5	352	1,112	300	626	873	1,840	4,396	(D)	432	1,973	389
	South.....	52	35	7,316	20,188	6,747	12,745	16,361	33,717	73,894	996	4,661	13,352	1,058
	Virginia.....	11	9	2,727	7,393	2,519	4,874	6,103	12,243	27,054	(2)	1,913	5,745	339
	North Carolina..	21	14	1,608	3,970	1,473	2,535	3,146	6,727	15,800	(D)	(4)	(4)	(4)
	West.....	65	25	2,352	9,696	1,702	3,245	5,338	8,021	38,465	1,114	2,253	11,536	2,670
2253-02	Knit outerwear mills-manufacturers, total.....	507	303	39,570	126,365	34,802	64,783	99,006	204,005	470,581	6,691	30,052	134,454	(NA)
	New England.....	33	19	4,344	13,018	3,523	6,473	9,580	21,264	53,294	513	2,435	10,042	(NA)
	Massachusetts....	19	8	2,004	5,815	1,573	2,939	4,294	10,759	23,322	(2)	1,487	6,528	(NA)
	Middle Atlantic....	341	208	22,801	73,294	20,380	37,426	59,886	127,121	271,233	3,823	17,454	83,152	(NA)
	New York.....	218	118	9,337	31,283	8,230	15,393	25,057	56,776	121,824	1,822	8,522	42,694	(NA)
	New Jersey.....	51	31	2,550	8,264	2,333	4,215	7,051	13,281	31,933	(2)	2,286	10,669	(NA)
	Pennsylvania....	72	59	10,914	33,747	9,817	17,818	27,778	57,064	117,476	1,545	6,645	29,788	(NA)
	West North Central	6	5	352	1,112	300	626	873	1,840	4,396	(D)	(4)	(4)	(NA)
	Minnesota.....	6	5	352	1,112	300	626	873	1,840	4,396	(D)	(4)	(4)	(NA)
	South Atlantic....	33	23	5,067	13,310	4,686	8,791	11,035	22,012	49,726	820	(4)	(4)	(NA)
	Virginia.....	11	9	2,727	7,393	2,519	4,874	6,103	12,011	27,054	(2)	(4)	(4)	(NA)
	North Carolina..	13	9	1,230	3,005	1,133	1,916	2,393	4,614	10,994	(D)	(4)	(4)	(NA)
	All other divisions.....	94	48	7,006	25,631	5,913	11,467	17,632	31,768	91,932	1,513	(4)	(4)	(NA)
	Wisconsin.....	12	7	857	2,776	747	1,313	2,080	4,440	8,204	(2)	901	4,104	(NA)
2253-03	Knit outerwear mills-converters, total.....	146	56	4,004	20,659	2,091	3,845	6,453	56,696	240,140	584	3,689	42,227	(NA)
	New York.....	133	48	3,057	16,684	1,400	2,578	4,731	47,003	207,370	(2)	2,412	33,949	(NA)
	All other States..	13	8	947	3,975	691	1,267	1,722	9,693	32,770	(2)	1,277	8,278	(NA)
2253-04	Knit outerwear mills-contractors, total.....	470	274	17,098	56,974	15,715	28,929	49,345	79,213	102,856	3,880	12,661	55,019	(NA)
	New York.....	329	193	10,837	37,205	9,969	18,336	32,490	52,805	68,474	2,759	7,844	37,367	(NA)
	All other States..	141	81	6,261	19,769	5,746	10,593	16,855	26,408	34,382	1,121	4,817	17,652	(NA)
2254	Knit underwear mills, total.....	140	122	27,918	81,183	24,613	45,369	64,448	135,703	291,852	5,459	31,262	110,591	40,579
	New England.....	7	5	436	1,424	339	585	994	3,340	9,777	(2)	845	2,581	3,029
	Middle Atlantic....	89	77	10,175	28,779	9,195	16,571	23,202	47,219	114,540	1,135	11,581	42,286	17,532
	New York.....	27	17	2,487	6,891	2,157	3,849	5,409	12,375	27,037	(2)	(4)	(4)	(4)
	New Jersey.....	5	5	327	803	296	551	694	1,092	2,371	(2)	(4)	(4)	(4)
	Pennsylvania....	57	55	7,361	21,085	6,742	12,171	17,099	33,752	85,132	752	8,456	31,060	10,315
	North Central....	9	9	3,154	11,473	2,089	4,100	6,716	18,016	39,740	(2)	3,869	12,107	6,386
	South and West....	35	31	14,153	39,507	12,990	24,113	33,536	67,128	127,795	3,925	14,967	53,615	13,632
	North Carolina..	14	11	5,484	15,225	5,028	8,974	12,579	24,115	48,275	2,183	4,846	17,709	4,239
	Georgia.....	7	7	3,005	8,035	2,830	5,376	7,316	16,395	28,929	702	2,444	9,041	1,590
	Tennessee.....	4	4	3,448	9,998	3,171	6,128	8,780	17,497	31,482	(D)	3,858	13,349	4,712
2254-02	Knit underwear mills-manufacturers, total.....	122	110	26,168	76,263	23,048	42,586	60,403	128,570	269,325	5,148	(NA)	(NA)	(NA)
	Northeast.....	83	73	9,584	27,056	8,603	15,496	21,649	46,302	105,049	924	(NA)	(NA)	(NA)
	New York.....	22	15	2,347	6,455	2,029	3,631	5,068	11,738	25,062	(2)	(NA)	(NA)	(NA)

See footnotes at end of table.



## KNITTING MILLS

22B-11

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2294-02	Knit underwear mills—manufacturers—Continued													
	North Central.....	9	9	3,154	11,473	2,089	4,100	6,716	18,016	39,740	(2)	(NA)	(NA)	(NA)
	South and West....	30	28	13,430	37,734	12,356	22,990	60,403	64,252	124,536	3,857	(NA)	(NA)	(NA)
	Tennessee.....	4	4	3,448	9,998	3,171	6,128	8,780	17,497	31,482	(D)	(NA)	(NA)	(NA)
2256	Knit fabric mills, total.....	357	181	18,356	73,871	15,689	32,301	55,693	147,394	487,185	7,132	16,812	113,122	13,460
	New England.....	38	23	3,037	13,023	2,635	5,449	9,866	27,687	79,085	992	2,804	22,007	1,498
	Massachusetts...	14	9	1,405	6,089	1,222	2,567	4,212	14,499	40,964	(2)	1,508	12,422	771
	Middle Atlantic...	247	107	8,299	36,941	6,884	14,475	27,088	70,744	231,337	3,763	8,442	59,379	6,306
	New York.....	155	62	4,163	18,948	3,351	7,089	13,407	39,319	127,765	2,051	4,013	31,403	3,535
	New Jersey.....	34	13	1,092	5,957	972	2,132	4,837	10,782	34,650	571	1,051	8,400	776
	Pennsylvania....	58	32	3,044	12,036	2,561	5,254	8,844	20,643	68,922	1,141	3,377	19,575	1,995
	North Central....	10	6	795	3,859	650	1,315	2,408	7,976	18,192	(2)	288	2,452	489
	South Atlantic...	48	36	4,098	13,323	3,575	7,207	10,667	25,481	115,734	1,521	3,233	17,586	
	North Carolina...	36	25	2,450	8,024	2,149	4,334	6,309	14,993	76,191	1,016	2,250	12,555	
	South Carolina..	5	5	742	2,202	630	1,300	1,786	3,033	17,502	(D)	342	782	
	East South Central	10	8	2,062	6,414	1,900	3,755	5,477	14,632	39,530	617	1,984	11,026	5,167
	Alabama.....	4	3	937	2,663	858	1,697	2,290	7,361	21,304	(D)			
	Pacific.....	4	1	65	311	45	100	187	874	3,307	(2)	59	670	
2256-02	Knit fabric mills—manufacturers, total	208	117	13,735	54,679	11,963	24,639	42,185	111,995	385,468	5,316	12,218	81,739	(NA)
	New England.....	20	15	2,339	10,268	2,051	4,236	7,839	22,903	71,136	745	1,345	11,437	(NA)
	Massachusetts...	8	6	1,132	4,954	988	2,041	3,349	12,327	37,140	(2)	923	8,623	(NA)
	Middle Atlantic...	136	65	5,776	25,640	4,907	10,400	19,494	48,878	173,072	2,772	5,824	41,131	(NA)
	New York.....	83	39	2,777	12,183	2,363	4,959	9,227	24,991	84,577	1,353	2,530	20,280	(NA)
	New Jersey.....	24	9	876	4,904	798	1,777	4,063	9,098	31,663	538	678	5,611	(NA)
	Pennsylvania....	29	17	2,123	8,553	1,746	3,664	6,204	14,789	56,837	881	2,616	15,240	(NA)
	East South Central	10	8	2,062	6,414	1,900	3,755	5,477	14,632	39,530	617	(4)	(4)	(NA)
	Alabama.....	4	3	937	2,663	858	1,697	2,290	7,361	21,304	(D)	(4)	(4)	(NA)
	Pacific.....	4	1	65	311	45	100	187	874	3,307	(2)	59	670	(NA)
	All other divisions.....	38	28	3,493	12,046	3,060	6,148	9,188	24,708	98,418	1,053	(4)	(4)	(NA)
	North Carolina..	23	15	1,509	4,900	1,360	2,710	3,874	10,249	51,333	(2)	1,870	11,181	(NA)
2256-03	Knit fabric mills—converters, total..	25	9	1,156	5,179	805	1,687	2,825	10,754	65,779	504	1,230	10,554	(NA)
	Middle Atlantic...	20	6	389	2,249	173	346	670	5,195	34,821	(D)	(4)	(4)	(NA)
	North Central and South.....	5	3	767	2,930	632	1,341	2,155	5,559	30,958	(D)	(4)	(4)	(NA)
2256-04	Knit fabric mills—contractors, total..	120	55	3,465	14,013	2,921	5,975	10,683	24,645	35,938	1,312	3,363	20,828	(NA)
	New England.....	18	8	698	2,755	584	1,213	2,027	4,784	7,949	(2)	(4)	(4)	(NA)
	Massachusetts...	6	3	273	1,135	234	526	863	2,172	3,824	(2)	(4)	(4)	(NA)
	Middle Atlantic...	87	36	2,134	9,052	1,804	3,729	6,924	16,671	23,439	822	(4)	(4)	(NA)
	North Central and South.....	15	11	633	2,206	533	1,033	1,732	3,190	4,550	(2)	(4)	(4)	(NA)
2259	Knitting mills, nec, total.....	75	38	3,230	9,619	2,765	4,873	7,130	14,543	30,092	(2)	3,384	13,251	5,774
	New England.....	3	2	73	211	60	101	134	365	687	(2)	(4)	(4)	(4)
	Middle Atlantic...	46	24	1,855	6,025	1,575	2,791	4,213	9,002	19,627	(2)	(4)	(4)	(4)
	Pennsylvania....	10	7	482	1,856	380	717	1,139	2,721	7,213	(2)	(4)	(4)	(4)
	North Central....	10	7	987	2,618	852	1,497	2,178	3,841	7,162	(2)	(4)	(4)	(4)
	South and West....	16	5	315	765	278	484	605	1,335	3,616	(2)	(4)	(4)	(4)
2259-02	Knitting mills, nec—manufacturers, total	64	32	2,936	8,811	2,521	4,445	6,513	12,971	27,523	(2)	(NA)	(NA)	(NA)
	Northeast and North Central....	48	27	2,621	8,046	2,243	3,961	5,908	11,636	24,907	(2)	(NA)	(NA)	(NA)
	South and West....	16	5	315	765	278	484	605	1,335	2,616	(2)	(NA)	(NA)	(NA)

See footnotes on next page.

Footnotes for Table 2--22B

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2251, Full-Fashioned Hosiery Mills: New England—New Hampshire, 2 (250-499); Massachusetts, 4 (100-249); North Central—Indiana, 1 (250-499); Illinois, 4 (100-249); Wisconsin, 3 (250-499); Minnesota, 1 (100-249); Iowa, 1 (1-19); Nebraska, 1 (20-99); South Atlantic—Delaware, 7 (20-99); Florida, 3 (100-249); East South Central—Kentucky, 3 (500-999); Alabama, 1 (100-249); West South Central—Arkansas, 1 (20-99); Texas, 4 (250-499).

SIC 2251-02 Full-Fashioned Hosiery Mills-Manufacturers: New England—New Hampshire, 2 (250-499); Massachusetts, 4 (100-249); Middle Atlantic—New York, 9 (100-249); New Jersey, 18 (100-249); South Atlantic—Delaware, 7 (20-99); Virginia, 17 (1,000-2,499); South Carolina, 13 (500-999); Georgia, 10 (1,000-2,499); Florida, 3 (100-249); East South Central—Kentucky, 2 (500-999); Alabama, 1 (100-249); Mississippi, 3 (500-999); West South Central—Arkansas, 1 (20-99); Texas, 4 (250-499); All other divisions—Indiana, 1 (250-499); Illinois, 4 (100-249); Wisconsin, 2 (100-249); Minnesota, 1 (100-249); Iowa, 1 (1-19); Nebraska, 1 (20-99); California, 9 (250-499).

SIC 2251-03, Full-Fashioned Hosiery Mills-Converters: Middle Atlantic—New York, 3 (1-19); Pennsylvania, 6 (100-249); East North Central—Wisconsin, 1 (100-249); South Atlantic—North Carolina, 3 (100-249); East South Central—Tennessee, 1 (20-99).

SIC 2251-04, Full-Fashioned Hosiery Mills-Contractors: Middle Atlantic—New York, 1 (20-99); New Jersey, 2 (20-99); Pennsylvania, 31 (1,000-2,499); South Atlantic—Virginia, 3 (20-99); North Carolina, 9 (500-999); South Carolina, 1 (1-19); Georgia, 1 (1-19); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (100-249); Mississippi, 3 (500-999); Pacific—California, 2 (20-99).

SIC 2252, Seamless Hosiery Mills: New England—Maine, 1 (1-19); New Hampshire, 9 (500-999); Vermont, 2 (20-99) Rhode Island, 1 (20-99); Connecticut, 1 (100-249); Middle Atlantic—New York, 16 (500-999); New Jersey, 6 (100-249); North Central—Ohio, 1 (250-499); Indiana, 2 (250-499); Missouri, 1 (100-249); South—Delaware, 5 (250-499); Maryland, 5 (250-499); West Virginia, 2 (1,000-2,499); Kentucky, 4 (500-999); Oklahoma, 1 (100-249).

SIC 2252-02, Seamless Hosiery Mills-Manufacturers: Northeast and North Central—Maine, 1 (1-19); New Hampshire, 8 (500-999); Vermont, 2 (20-99); Rhode Island, 1 (20-99); Connecticut, 1 (100-249); New York, 12 (500-999); New Jersey, 4 (100-249); Ohio, 1 (250-499); Indiana, 1 (250-499); Wisconsin, 8 (1,000-2,499); Missouri, 1 (100-249); South—Delaware, 5 (250-499); Maryland, 5 (250-499); Virginia, 11 (1,000-2,499); West Virginia, 2 (1,000-2,499); Kentucky, 4 (500-999); Tennessee, 60 (5,000 and over); Oklahoma, 1 (100-249).

SIC 2252-03, Seamless Hosiery Mills-Converters: Northeast and North Central—New York, 2 (1-19); New Jersey, 1 (1-19); Pennsylvania, 4 (20-99); Indiana, 1 (100-249); South—North Carolina, 6 (20-99); Georgia, 1 (20-99).

SIC 2252-04, Seamless Hosiery Mills-Contractors: Northeast and North Central—New Hampshire, 1 (1-19); New York, 2 (20-99); New Jersey, 1 (20-99); Pennsylvania, 8 (250-499); Wisconsin, 1 (1-19); South—Virginia, 1 (1-19); North Carolina, 31 (1,000-2,499); Georgia, 2 (20-99); Tennessee, 1 (20-99).

SIC 2253, Knit Outerwear Mills: New England—Maine, 2 (100-249); Rhode Island, 1 (20-99); Connecticut, 14 (500-999); East North Central—Illinois, 8 (100-249); Michigan, 3 (100-249); South—West Virginia, 1 (250-499); South Carolina, 2 (250-499); Georgia, 7 (250-499); Florida, 6 (250-499); Tennessee, 1 (20-99); Alabama, 2 (1,000-2,499); Texas, 1 (250-499); West—Colorado, 2 (1-19); Utah, 2 (20-99); Washington, 6 (100-249); Oregon, 4 (1,270); California, 51 (500-999).

SIC 2253-02, Knit Outerwear Mills-Manufacturers: New England—Maine, 2 (100-249); New Hampshire, 5 (1,000-2,499); Rhode Island, 1 (20-99); Connecticut, 6 (250-499); South Atlantic—West Virginia, 1 (250-499); South Carolina, 1 (250-499); Georgia, 4 (250-499); Florida, 3 (20-99); All other divisions—Ohio, 15 (1,000-2,499); Illinois, 8 (100-249); Michigan, 3 (100-249); Tennessee, 1 (20-99); Alabama, 1 (1,000-2,499); Texas, 1 (250-499); Colorado, 2 (1-19); Utah, 2 (20-99); Washington, 6 (100-249); Oregon, 4 (1,270); California, 39 (500-999).

SIC 2253-03, Knit Outerwear Mills-Converters: All other States—Massachusetts, 2 (250-499); New Jersey, 3 (20-99); Pennsylvania, 4 (100-249); Ohio, 1 (20-99); North Carolina, 2 (100-249); Florida, 1 (1-19).

SIC 2253-04, Knit Outerwear Mills-Contractors: All other States—New Hampshire, 1 (1-19); Massachusetts, 5 (1,000-2,499); Connecticut, 8 (250-499); New Jersey, 63 (1,000-2,499); Pennsylvania, 39 (1,000-2,499); North Carolina, 6 (250-499); South Carolina, 1 (20-99); Georgia, 3 (1-19); Florida, 2 (100-249); Alabama, 1 (20-99); California, 12 (100-249).

SIC 2254, Knit Underwear Mills: New England—Vermont, 2 (20-99); Massachusetts, 3 (100-249); Rhode Island, 2 (250-499); North Central—Ohio, 3 (500-999); Illinois, 1 (100-249); Michigan, 1 (100-249); Wisconsin, 3 (500-999); Minnesota, 1 (1,000-2,499); South and West—Virginia, 2 (100-249); South Carolina, 1 (250-499); Alabama, 3 (500-999); Mississippi, 2 (500-999); Utah, 2 (100-249).

SIC 2254-02, Knit Underwear Mills-Manufacturers: Northeast—Vermont, 2 (20-99); Massachusetts, 2 (100-249); Rhode Island, 2 (250-499); New Jersey, 3 (100-249); Pennsylvania, 52 (5,000 and over); North Central—Ohio, 3 (500-999); Illinois, 1 (100-249); Michigan, 1 (100-249); Wisconsin, 3 (500-999); West North Central—Minnesota, 1 (1,000-2,499); South and West—Virginia, 2 (100-249); North Carolina, 11 (5,000 and over); South Carolina, 1 (250-499); Georgia, 6 (2,500-4,999); Alabama, 2 (250-499); Mississippi, 2 (500-999); Utah, 2 (100-249).

SIC 2256, Knit Fabric Mills: New England—Rhode Island, 12 (500-999); Connecticut, 12 (1,046); North Central—Ohio, 2 (20-99); Wisconsin, 6 (500-999); Minnesota, 1 (1-19); Iowa, 1 (20-99); South Atlantic—Delaware, 1 (20-99); Maryland, 1 (100-249); Virginia, 3 (500-999); Georgia, 2 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 4 (1,000-2,499); Mississippi, 1 (20-99); Pacific—California, 4 (20-99).

SIC 2256-02, Knit Fabric Mills-Manufacturers: New England—Rhode Island, 5 (250-499); Connecticut, 7 (500-999); East North Central—Wisconsin, 4 (250-499); West North Central—Minnesota, 1 (1-19); Iowa, 1 (20-99); South Atlantic—Maryland, 1 (100-249); Virginia, 3 (500-999); South Carolina, 4 (500-999); Georgia, 1 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 4 (1,000-2,499); Mississippi, 1 (20-99); Pacific—California, 4 (20-99).

SIC 2256-03, Knit Fabric Mills-Converters: Middle Atlantic—New York, 16 (250-499); New Jersey, 2 (1-19); Pennsylvania, 2 (100-249); North Central and South—Wisconsin, 1 (100-249); North Carolina, 2 (250-499); South Carolina, 1 (20-99); Georgia, 1 (1-19).

SIC 2256-04, Knit Fabric Mills-Contractors: New England—Rhode Island, 7 (250-499); Connecticut, 5 (100-249); Middle Atlantic—New York, 52 (1,125); New Jersey, 8 (100-249); Pennsylvania, 27 (500-999); North Central and South—Ohio, 2 (20-99); Wisconsin, 1 (100-249); Delaware, 1 (20-99); North Carolina, 11 (250-499).

SIC 2259, Knitting Mills, NEC: New England—Massachusetts, 3 (20-99); Middle Atlantic—New York, 31 (1,000-2,499); New Jersey, 5 (100-249); North Central—Ohio, 2 (20-99); Illinois, 3 (100-249); Wisconsin, 3 (500-999); Minnesota, 1 (20-99); Iowa, 1 (20-99); South and West—Virginia, 1 (1-19); North Carolina, 5 (20-99); Florida, 1 (20-99); Kentucky, 1 (1-19); Alabama, 1 (20-99); Utah, 1 (1-19); California, 6 (20-99).

SIC 2259, Knitting Mills, NEC, Manufacturers: Northeast and North Central—Massachusetts, 3 (20-99); New York, 24 (500-999); New Jersey, 5 (100-249); Pennsylvania, 8 (250-499); Ohio, 1 (20-99); Illinois, 3 (100-249); Wisconsin, 2 (500-999); Minnesota, 1 (20-99); Iowa, 1 (20-99); South and West—Virginia, 1 (1-19); North Carolina, 5 (20-99); Florida, 1 (20-99); Kentucky, 1 (1-19); Alabama, 1 (20-99); Utah, 1 (1-19); California, 6 (20-99).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>Omitted because of duplication in value of products shipped (see text for this industry).

<sup>4</sup>This State or Region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.



Table 3.—Detailed Statistics for the United States: 1958

Item	Full-fashioned hosiery mills				Seamless hosiery mills				Knit outerwear mills			
	Total (SIC 2251)	Manufac- turers (SIC 2251-02)	Conver- ters (SIC 2251-03)	Contrac- tors (SIC 2251-04)	Total (SIC 2252)	Manufac- turers (SIC 2252-02)	Conver- ters (SIC 2252-03)	Contrac- tors (SIC 2252-04)	Total (SIC 2253)	Manufac- turers (SIC 2253-02)	Conver- ters (SIC 2253-03)	Contrac- tors (SIC 2253-04)
Primary product specialization ratio <sup>1</sup> .....	( <sup>3</sup> )	(NA)	(NA)	(NA)	93	(NA)	(NA)	(NA)	91	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	( <sup>3</sup> )	(NA)	(NA)	(NA)	90	(NA)	(NA)	(NA)	74	(NA)	(NA)	(NA)
Number of establishments, total.....	432	361	14	57	659	596	15	48	1,123	507	146	470
With 1-19 employees.....	191	158	10	23	170	135	11	24	490	204	90	196
With 20-99 employees.....	159	131	2	26	298	275	3	20	497	204	48	245
With 100 employees or more.....	82	72	2	8	191	186	1	4	136	99	8	29
Proprietors and working partners..Number..	204	164	6	34	364	312	9	43	572	259	43	270
All employees:												
Number (average for the year).....	33,687	29,986	451	3,250	69,483	67,223	375	1,885	60,672	39,570	4,004	17,098
Payroll.....\$1,000..	103,998	93,582	2,234	8,182	177,104	171,345	1,387	4,372	203,998	126,365	20,659	56,974
Production workers:												
Number (average for the year).....	30,119	26,938	182	2,999	64,438	62,555	184	1,699	52,608	34,802	2,091	15,715
January.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	43,410	(NA)	(NA)	(NA)
February.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	45,021	(NA)	(NA)	(NA)
March.....	29,855	(NA)	(NA)	(NA)	62,219	(NA)	(NA)	(NA)	46,438	(NA)	(NA)	(NA)
April.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	49,196	(NA)	(NA)	(NA)
May.....	29,791	(NA)	(NA)	(NA)	62,805	(NA)	(NA)	(NA)	51,495	(NA)	(NA)	(NA)
June.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	53,496	(NA)	(NA)	(NA)
July.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	55,695	(NA)	(NA)	(NA)
August.....	29,951	(NA)	(NA)	(NA)	65,536	(NA)	(NA)	(NA)	57,568	(NA)	(NA)	(NA)
September.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57,458	(NA)	(NA)	(NA)
October.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57,399	(NA)	(NA)	(NA)
November.....	30,879	(NA)	(NA)	(NA)	67,192	(NA)	(NA)	(NA)	56,655	(NA)	(NA)	(NA)
December.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	52,957	(NA)	(NA)	(NA)
Man-hours.....1,000..	56,143	50,171	369	5,603	112,878	109,603	345	2,930	97,557	64,783	3,845	28,929
January-March.....do....	14,202	(NA)	(NA)	(NA)	26,400	(NA)	(NA)	(NA)	20,323	(NA)	(NA)	(NA)
April-June.....do....	13,818	(NA)	(NA)	(NA)	27,160	(NA)	(NA)	(NA)	24,405	(NA)	(NA)	(NA)
July-September.....do....	13,453	(NA)	(NA)	(NA)	28,787	(NA)	(NA)	(NA)	26,529	(NA)	(NA)	(NA)
October-December.....do....	14,670	(NA)	(NA)	(NA)	30,531	(NA)	(NA)	(NA)	26,300	(NA)	(NA)	(NA)
Wages.....\$1,000..	86,226	78,482	550	7,194	151,762	147,582	411	3,769	154,804	99,006	6,453	49,345
Cost of materials, etc., total.....do....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	306,696	291,780	12,147	2,769	473,110	266,042	183,294	23,774
Materials, parts, containers, and supplies consumed.....do....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	277,150	266,513	8,327	2,310	342,959	223,572	98,752	20,635
Cost of resales.....do....	8,119	6,448	1,655	16	13,021	12,655	362	4	34,476	26,290	8,104	82
Fuels consumed.....do....	1,718	1,392	40	286	2,734	2,570	13	151	2,006	1,283	54	669
Electricity purchased.....do....	2,758	2,522	77	159	2,578	2,425	35	118	2,579	1,540	249	790
Contract work.....do....	13,483	8,994	3,766	723	11,213	7,617	3,410	186	91,090	13,357	76,135	1,598
Value of shipments (including resales), total.....do....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	597,437	572,784	16,160	8,493	813,577	470,581	240,140	102,856
Value of resales.....do....	10,386	7,927	2,441	18	13,041	12,655	382	4	39,436	27,897	11,467	72
Value added by manufacture, adjusted.....do....	172,996	154,758	7,593	10,645	290,825	280,724	4,236	5,865	339,914	204,005	56,696	79,213
Manufacturers' inventories:												
Beginning of year, total.....do....	61,957	57,950	2,953	1,054	92,702	90,608	1,686	408	98,836	67,785	26,078	4,973
Finished products.....do....	23,218	21,152	1,969	97	39,964	38,370	1,469	125	47,255	28,185	17,801	1,269
Work-in-process.....do....	26,408	25,296	804	308	31,650	31,366	133	151	20,566	15,918	3,213	1,435
Materials, supplies, fuel, etc.....do....	12,331	11,502	180	649	21,088	20,872	84	132	31,015	23,682	5,064	2,269
End of year, total.....do....	61,482	57,605	2,850	1,027	93,088	90,548	1,941	599	96,734	66,132	25,704	4,898
Finished products.....do....	21,382	19,398	1,888	96	38,142	36,347	1,602	193	43,535	25,066	17,462	1,007
Work-in-process.....do....	28,142	27,057	768	317	33,556	33,109	223	224	20,013	15,384	3,063	1,566
Materials, supplies, fuel etc.....do....	11,958	11,150	194	614	21,390	21,092	116	182	33,186	25,682	5,179	2,325
Expenditures for plant and equipment, total.....do....	7,848	7,555	82	211	16,299	16,077	69	153	12,361	7,603	626	4,132
New, total.....do....	6,098	5,815	81	202	13,519	13,342	44	133	11,155	6,691	584	3,880
New structures and additions to plant.....do....	619	554	43	22	1,682	1,646	7	29	1,259	959	102	198
New machinery and equipment.....do....	5,479	5,261	38	180	11,837	11,696	37	104	9,896	5,732	482	3,682
Used plant and equipment.....do....	1,750	1,740	1	9	2,780	2,735	25	20	1,206	912	42	252

See footnotes at end of table.

Table 3.-Detailed Statistics for the United States: 1958-Continued

Item	Knit underwear mills		Knit fabric mills				Knitting mills, nec	
	Total <sup>5</sup> (SIC 2254)	Manufac- turers (SIC 2254- 02)	Total (SIC 2256)	Manufac- turers (SIC 2256- 02)	Converters (SIC 2256- 03)	Contractors (SIC 2256- 04)	Total <sup>5</sup> (SIC 2259)	Manufac- turers (SIC 2259- 02)
Primary product specialization ratio <sup>1</sup> .....	88	(NA)	94	(NA)	(NA)	(NA)	91	(NA)
Coverage ratio <sup>2</sup> .....	35	(NA)	90	(NA)	(NA)	(NA)	18	(NA)
Number of establishments, total.....	140	122	357	212	25	120	75	64
With 1-19 employees.....	18	12	176	95	16	65	37	32
With 20-99 employees.....	56	50	130	74	7	49	32	26
With 100 employees or more.....	66	60	51	43	2	6	6	6
Proprietors and working partners.....Number..	38	29	112	64	2	46	33	29
All employees:								
Number (average for the year).....	27,918	26,168	18,356	13,735	1,156	3,465	3,230	2,936
Payroll.....\$1,000..	81,183	76,263	73,871	54,679	5,179	14,013	9,619	8,811
Production workers:								
Number (average for the year).....	24,613	23,048	15,689	11,963	805	2,921	2,765	2,521
January.....	24,012	(NA)	15,050	(NA)	(NA)	(NA)	2,134	(NA)
February.....	23,842	(NA)	15,247	(NA)	(NA)	(NA)	2,338	(NA)
March.....	23,839	(NA)	15,151	(NA)	(NA)	(NA)	2,569	(NA)
April.....	23,434	(NA)	15,173	(NA)	(NA)	(NA)	2,687	(NA)
May.....	23,798	(NA)	15,270	(NA)	(NA)	(NA)	2,685	(NA)
June.....	23,682	(NA)	15,673	(NA)	(NA)	(NA)	2,747	(NA)
July.....	23,739	(NA)	15,699	(NA)	(NA)	(NA)	2,887	(NA)
August.....	25,178	(NA)	16,278	(NA)	(NA)	(NA)	3,025	(NA)
September.....	25,135	(NA)	16,535	(NA)	(NA)	(NA)	2,832	(NA)
October.....	25,392	(NA)	16,711	(NA)	(NA)	(NA)	2,941	(NA)
November.....	25,671	(NA)	16,052	(NA)	(NA)	(NA)	2,819	(NA)
December.....	25,193	(NA)	16,123	(NA)	(NA)	(NA)	2,635	(NA)
Man-hours.....1,000..	45,369	42,586	32,301	24,639	1,687	5,975	4,873	4,445
January-March.....do...	10,599	(NA)	7,526	(NA)	(NA)	(NA)	1,039	(NA)
April-June.....do...	10,907	(NA)	7,757	(NA)	(NA)	(NA)	1,248	(NA)
July-September.....do...	11,439	(NA)	8,407	(NA)	(NA)	(NA)	1,367	(NA)
October-December.....do...	12,424	(NA)	8,611	(NA)	(NA)	(NA)	1,219	(NA)
Wages.....\$1,000..	64,448	60,403	55,693	42,185	2,825	10,683	7,130	6,513
Cost of materials, etc., total.....do....	157,984	142,405	336,060	271,801	52,636	11,623	15,672	14,669
Materials, parts, containers, and supplies consumed.....do....	130,037	123,877	313,835	262,093	42,175	9,567	13,986	13,417
Cost of resales.....do....	9,948	9,948	975	873	...	102	780	780
Fuels consumed.....do....	1,104	1,010	2,579	1,616	64	899	150	132
Electricity purchased.....do....	910	807	2,420	1,762	240	418	97	87
Contract work.....do....	15,985	6,763	16,251	5,457	10,157	637	659	253
Value of shipments (including resales), total <sup>4</sup> .....do....	291,852	269,325	487,185	385,468	65,779	35,938	30,092	27,523
Value of resales.....do....	11,311	11,311	1,069	967	...	102	898	898
Value added by manufacture, adjusted...do....	135,703	128,570	147,394	111,995	10,754	24,645	14,543	12,971
Manufacturers' inventories:								
Beginning of year, total.....do....	62,272	59,669	60,675	46,639	12,488	1,548	5,455	5,274
Finished products.....do....	32,915	31,735	20,878	14,194	6,434	250	2,260	2,188
Work-in-process.....do....	10,432	9,684	16,191	13,707	2,332	152	924	841
Materials, supplies, fuel, etc.....do....	18,925	18,250	23,606	18,738	3,722	1,146	2,271	2,245
End of year, total.....do....	62,681	59,817	56,006	44,553	9,719	1,734	4,766	4,575
Finished products.....do....	30,690	29,372	18,080	13,402	4,441	237	1,966	1,891
Work-in-process.....do....	12,267	11,334	15,258	12,827	1,936	495	1,047	958
Materials, supplies, fuel, etc.....do....	19,724	19,111	22,668	18,324	3,342	1,002	1,753	1,726
Expenditures for plant and equipment, total.....do....	5,584	5,254	7,705	5,812	534	1,359	305	269
New, total.....do....	5,459	5,148	7,132	5,316	504	1,312	255	226
New structures and additions to plant.....do....	2,390	2,364	1,302	799	141	362	30	30
New machinery and equipment.....do....	3,069	2,784	5,830	4,517	363	950	225	196
Used plant and equipment.....do....	125	106	573	496	30	47	39	32

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments or production of primary products of establishments classified in the industry is expressed as a ratio to the total shipments or production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments or production of primary products of an industry are made by establishments classified in the industry. That is, value of shipments or production of primary products made by establishments in the industry is expressed as a ratio to the total shipments or production of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Omitted because of duplication in value of shipments. See introductory text for Industry 2251.

<sup>4</sup>For Industries 2253, 2254, and 2259, represents value of production.

<sup>5</sup>Data for converters and contractors not shown to avoid disclosing figures for individual companies.



## KNITTING MILLS

22B-15

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left.)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									1,000- 2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees			
2251	Full-fashioned hosiery mills:												
	Number of establishments.....	432	59	64	68	97	62	52	17	12	1	...	
	All employees:												
	Number.....	33,687	131	440	938	2,840	4,148	8,571	16,619	(D)	(D)	...	
	Payroll.....\$1,000..	103,998	444	1,234	2,867	8,517	12,110	27,371	51,455	(D)	(D)	...	
	Value added, adjusted..do....	172,996	1,324	2,740	4,812	12,516	19,426	42,469	89,709	(D)	(D)	...	
	Value of shipments.....do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	
	Capital expend., new....do....	6,098	(2)	(2)	(2)	601	(2)	1,514	2,768	(D)	(D)	...	
2251-02	Manufacturers:												
	Number of establishments....	361	46	57	55	83	48	43	17	11	1	...	
	All employees:												
	Number.....	29,986	98	390	744	2,482	3,206	23,066	(D)	(D)	(D)	...	
	Payroll.....\$1,000..	93,582	333	1,115	2,147	7,572	9,719	72,696	(D)	(D)	(D)	...	
	Value added, adjusted..do....	154,758	702	2,580	3,794	11,161	16,135	120,386	(D)	(D)	(D)	...	
	Value of shipments.....do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	
	Capital expend., new..do....	5,815	(2)	(2)	(2)	555	(2)	4,186	(D)	(D)	(D)	...	
2251-03	Converters:												
	Number of establishments....	14	6	...	4	1	1	2	...	...	...	...	
	All employees:												
	Number.....	451	14	...	56	381	(D)	(D)	...	...	...	...	
	Payroll.....\$1,000..	2,234	64	...	371	1,799	(D)	(D)	...	...	...	...	
	Value added, adjusted..do....	7,593	509	...	426	6,658	(D)	(D)	...	...	...	...	
	Value of shipments.....do....	(1)	(1)	...	(1)	(1)	(1)	(1)	...	...	...	...	
	Capital expend., new..do....	(2)	(2)	...	(D)	(D)	(D)	(D)	...	...	...	...	
2251-04	Contractors:												
	Number of establishments....	57	7	7	9	13	13	7	...	1	...	...	
	All employees:												
	Number.....	3,250	19	50	138	3,043	(D)	(D)	...	(D)	...	...	
	Payroll.....\$1,000..	8,182	47	119	349	7,667	(D)	(D)	...	(D)	...	...	
	Value added, adjusted..do....	10,645	113	160	592	9,780	(D)	(D)	...	(D)	...	...	
	Value of shipments.....do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	(1)	...	...	
	Capital expend., new..do....	(2)	(2)	(D)	(D)	(D)	(D)	(2)	...	(D)	...	...	
2252	Seamless hosiery mills:												
	Number of establishments.....	659	54	46	70	154	143	128	44	16	3	1	
	All employees:												
	Number.....	69,483	119	298	1,009	5,106	9,949	19,841	15,085	10,800	7,276	(D)	
	Payroll.....\$1,000..	177,104	239	464	2,303	11,686	22,878	49,646	39,449	26,715	23,724	(D)	
	Value added, adjusted..do....	290,825	884	796	3,737	18,408	33,207	81,846	61,849	44,027	46,071	(D)	
	Value of shipments.....do....	597,437	2,149	1,780	9,989	41,060	74,845	172,022	136,867	80,885	77,840	(D)	
	Capital expend., new....do....	13,519	(2)	(2)	(2)	995	1,576	4,225	2,634	1,455	2,201	(D)	
2252-02	Manufacturers:												
	Number of establishments....	596	43	38	54	140	134	124	43	16	3	1	
	All employees:												
	Number.....	67,223	96	246	777	4,666	9,296	34,066	(D)	10,800	7,276	(D)	
	Payroll.....\$1,000..	171,345	178	378	1,726	10,566	21,493	86,565	(D)	26,715	23,724	(D)	
	Value added, adjusted..do....	280,724	333	500	2,939	16,880	31,200	138,774	(D)	44,027	46,071	(D)	
	Value of shipments.....do....	572,784	855	1,409	6,079	38,437	70,511	296,768	(D)	80,885	77,840	(D)	
	Capital expend., new..do....	13,342	(2)	(2)	(2)	988	1,543	...	(D)	1,455	2,201	(D)	
2252-03	Converters:												
	Number of establishments....	15	6	2	3	1	2	1	...	...	...	...	
	All employees:												
	Number.....	375	17	49	(D)	309	(D)	(D)	...	...	...	...	
	Payroll.....\$1,000..	1,387	50	220	(D)	1,117	(D)	(D)	...	...	...	...	
	Value added, adjusted..do....	4,236	527	500	(D)	5,209	(D)	(D)	...	...	...	...	
	Value of shipments.....do....	16,160	1,262	2,896	(D)	12,002	(D)	(D)	...	...	...	...	
	Capital expend., new..do....	(2)	(D)	(D)	(D)	(D)	(D)	(D)	...	...	...	...	
2252-04	Contractors:												
	Number of establishments....	48	5	6	13	13	7	3	1	...	...	...	
	All employees:												
	Number.....	1,885	6	235	(D)	1,644	(D)	(D)	(D)	...	...	...	
	Payroll.....\$1,000..	4,372	11	443	(D)	3,918	(D)	(D)	(D)	...	...	...	
	Value added, adjusted..do....	5,865	24	594	(D)	5,247	(D)	(D)	(D)	...	...	...	
	Value of shipments.....do....	8,493	32	1,385	(D)	7,076	(D)	(D)	(D)	...	...	...	
	Capital expend., new..do....	(2)	...	(2)	(D)	(2)	(D)	(D)	(D)	...	...	...	
2253	Knit outerwear mills:												
	Number of establishments.....	1,123	141	145	204	337	160	90	34	9	3	...	
	All employees:												
	Number.....	60,672	290	990	2,930	10,912	11,149	13,219	11,690	6,055	3,437	...	
	Payroll.....\$1,000..	203,998	1,167	3,730	10,226	37,382	39,132	43,285	36,988	19,156	12,932	...	
	Value added, adjusted..do....	339,914	4,887	9,790	22,065	64,039	61,408	72,809	62,719	29,183	13,014	...	
	Value of production.....do....	813,577	21,562	31,799	61,472	148,328	142,530	157,561	131,273	67,010	52,042	...	
	Capital expend., new....do....	11,155	(2)	(2)	881	3,327	1,960	1,664	1,619	640	(2)	...	

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2253	Knit outerwear mills—Continued											
2253-02	Manufacturers:											
	Number of establishments....	507	71	65	68	128	76	58	29	9	3	...
	All employees:											
	Number.....	39,570	126	439	977	4,159	5,377	9,074	9,926	6,055	3,437	...
	Payroll.....\$1,000..	126,365	464	1,458	2,914	12,922	16,894	28,867	30,758	19,156	12,932	...
	Value added, adjusted..do....	204,005	1,510	3,781	5,895	23,777	26,779	47,115	52,951	29,183	13,014	...
	Value of production...do....	470,581	3,946	7,538	12,686	50,692	60,233	101,155	115,279	67,010	52,042	...
	Capital expend., new..do....	6,691	(2)	(2)	(2)	1,708	929	1,107	1,237	640	(2)	...
2253-03	Converters:											
	Number of establishments....	146	32	31	27	32	16	7	1	...	...	...
	All employees:											
	Number.....	4,004	90	203	360	1,054	1,091	1,206	(D)	...	...	...
	Payroll.....\$1,000..	20,659	477	1,206	2,557	6,132	5,604	4,683	(D)	...	...	...
	Value added, adjusted..do....	56,696	1,958	4,329	8,688	15,472	11,969	14,280	(D)	...	...	...
	Value of production...do....	240,140	15,867	21,811	38,336	65,194	52,981	45,951	(D)	...	...	...
	Capital expend., new..do....	584	(2)	(2)	(2)	(2)	(2)	(2)	(D)	...	...	...
2253-04	Contractors:											
	Number of establishments....	470	38	49	109	177	68	25	4	...	...	...
	All employees:											
	Number.....	17,098	74	348	1,593	5,699	4,681	4,703	(D)	...	...	...
	Payroll.....\$1,000..	56,974	226	1,066	4,755	18,328	16,634	15,965	(D)	...	...	...
	Value added, adjusted..do....	79,213	1,419	1,680	7,482	24,790	22,660	21,182	(D)	...	...	...
	Value of production...do....	102,856	1,749	2,450	10,450	32,442	29,316	26,449	(D)	...	...	...
	Capital expend., new..do....	3,880	(2)	(2)	500	1,518	844	866	(D)	...	...	...
2254	Knit underwear mills:											
	Number of establishments....	140	9	2	7	23	33	38	17	7	2	2
	All employees:											
	Number.....	27,918	33	(D)	104	735	2,424	5,982	5,850	4,715	8,075	(D)
	Payroll.....\$1,000..	81,183	135	(D)	309	1,752	6,402	16,483	16,964	14,047	25,091	(D)
	Value added, adjusted..do....	135,703	572	(D)	705	2,834	10,116	26,422	29,729	26,928	38,397	(D)
	Value of production...do....	291,852	2,138	(D)	2,685	5,595	22,307	61,894	67,623	57,350	72,260	(D)
	Capital expend., new....do....	5,459	(2)	(D)	(2)	(2)	(2)	1,175	595	(2)	3,038	(D)
2254-02	Manufacturers:											
	Number of establishments....	122	7	1	4	19	31	35	14	7	2	2
	All employees:											
	Number.....	26,168	77	(D)	(D)	602	12,699	(D)	(D)	4,715	8,075	(D)
	Payroll.....\$1,000..	76,263	214	(D)	(D)	1,341	35,570	(D)	(D)	14,047	25,091	(D)
	Value added, adjusted..do....	128,570	731	(D)	(D)	2,268	60,246	(D)	(D)	26,928	38,397	(D)
	Value of production...do....	269,325	1,326	(D)	(D)	4,670	133,719	(D)	(D)	57,350	72,260	(D)
	Capital expend., new..do....	5,148	(2)	(D)	(D)	(2)	1,801	(D)	(D)	(2)	3,038	(D)
2256	Knit fabric mills:											
	Number of establishments....	357	59	47	70	89	40	40	9	3	...	...
	All employees:											
	Number.....	18,356	128	326	977	2,781	2,719	6,511	3,244	1,670	...	...
	Payroll.....\$1,000..	73,871	606	1,592	4,684	12,075	10,570	25,814	12,297	6,233	...	...
	Value added, adjusted..do....	147,394	1,575	3,654	10,254	23,990	20,669	49,278	22,569	15,405	...	...
	Value of shipments.....do....	487,185	5,054	13,854	30,684	75,057	75,407	166,869	82,669	37,591	...	...
	Capital expend., new....do....	7,132	(2)	(2)	721	930	1,229	1,734	1,487	674	...	...
2256-02	Manufacturers:											
	Number of establishments....	212	30	17	48	52	21	34	7	3	...	...
	All employees:											
	Number.....	13,735	61	111	663	1,571	1,419	8,240	(D)	1,670	...	...
	Payroll.....\$1,000..	54,679	248	538	3,275	7,075	5,496	31,814	(D)	6,233	...	...
	Value added, adjusted..do....	111,995	554	1,019	6,737	15,730	11,910	60,640	(D)	15,405	...	...
	Value of shipments...do....	385,468	1,687	3,784	23,971	58,488	47,392	212,555	(D)	37,591	...	...
	Capital expend., new..do....	5,316	(2)	(2)	(2)	642	1,017	2,463	(D)	674	...	...
2256-03	Converters:											
	Number of establishments....	25	6	7	3	2	5	1	1	...	...	...
	All employees:											
	Number.....	1,156	17	48	40	1,051	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	5,179	87	340	212	4,540	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do....	10,754	367	1,158	359	8,870	(D)	(D)	(D)	...	...	...
	Value of shipments.....do....	65,779	2,161	8,079	2,252	53,287	(D)	(D)	(D)	...	...	...
	Capital expend., new..do....	504	(2)	(2)	(2)	(2)	(D)	(D)	(D)	...	...	...
2256-04	Contractors:											
	Number of establishments....	120	23	23	19	35	14	5	1	...	...	...
	All employees:											
	Number.....	3,465	50	167	274	2,974	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	14,013	271	714	1,197	11,831	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do....	24,645	654	1,477	3,158	19,356	(D)	(D)	(D)	...	...	...
	Value of shipments...do....	35,938	1,206	1,991	4,461	28,280	(D)	(D)	(D)	...	...	...
	Capital expend., new..do....	1,312	(2)	(2)	(2)	883	(D)	(D)	(D)	...	...	...

See footnotes at end of table.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958—Continued

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2259	Knitting mills, nec:											
	Number of establishments.....	75	11	9	17	21	11	5	...	1	...	...
	All employees:											
	Number.....	3,230	29	60	231	680	2,230	(D)	...	(D)	...	...
	Payroll.....\$1,000..	9,619	63	176	708	1,890	6,782	(D)	...	(D)	...	...
	Value added, adjusted...do....	14,543	192	571	1,339	3,366	9,075	(D)	...	(D)	...	...
	Value of production...do....	30,092	426	1,045	2,228	6,742	19,651	(D)	...	(D)	...	...
	Capital expend., new...do....	(2)	(2)	(2)	(2)	(2)	(2)	(D)	...	(D)	...	...
2259-02	Manufacturers:											
	Number of establishments....	64	11	8	13	17	9	5	...	1	...	...
	All employees:											
	Number.....	2,936	29	229	(D)	2,678	(D)	(D)	...	(D)	...	...
	Payroll.....\$1,000..	8,811	63	690	(D)	8,058	(D)	(D)	...	(D)	...	...
	Value added, adjusted...do....	12,971	192	1,591	(D)	11,188	(D)	(D)	...	(D)	...	...
	Value of production...do....	27,523	426	2,931	(D)	24,166	(D)	(D)	...	(D)	...	...
	Capital expend., new...do....	(2)	(2)	(2)	(D)	(2)	(D)	(D)	...	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Omitted because of duplication in value of products shipped. (See text for this industry).

<sup>2</sup>Less than \$500 thousand.

**Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments <sup>1</sup>					Value of primary product shipments <sup>1</sup>			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>2</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>3</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2251	Full-fashioned hosiery mills...1958.. 1954..	(4) (4)	(4) (4)	56,939 24,045	25,027 44,946	(5) (5)	(4) (4)	(4) (4)	(4) (4)	(5) (5)
2252	Seamless hosiery mills.....1958.. 1954..	597,437 439,873	533,916 401,515	38,625 15,244	24,896 23,114	93 96	591,615 429,531	533,916 401,515	57,699 28,016	90 93
2253	Knit outerwear mills.....1958.. 1954..	813,577 578,590	610,064 6434,357	61,043 32,627	142,470 111,606	91 693	826,204 6579,947	610,064 6434,357	216,140 6145,590	74 673
2254	Knit underwear mills.....1958.. 1954..	291,852 261,535	238,292 221,587	32,333 31,539	21,227 8,409	88 88	683,639 574,779	238,292 221,587	445,347 353,192	35 39
2256	Knit fabric mills.....1958.. 1954..	487,185 379,936	417,096 321,311	27,176 18,521	42,913 40,104	94 94	462,397 352,429	417,096 321,311	45,301 31,118	90 91
2259	Knitting mills, nec <sup>7</sup> .....1958.. 1954..	30,092 28,553	24,369 (NA)	2,406 (NA)	3,317 (NA)	91 (NA)	135,753 123,697	24,369 (NA)	111,384 (NA)	18 (NA)

NA Not available.

<sup>1</sup>Establishments in Industries 2253, 2254 and 2259, reported their value of production instead of value of shipments.

<sup>2</sup>The specialization ratio compares the given industry's value of shipments or production of its primary products to its total value of shipments or production of all products. (The primary products are listed in tables 5B and 6A; the first 4-digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup>The coverage ratio measures the extent to which the total value of shipments of products primary to the given industry are shipped or made by establishments classified in that industry.

<sup>4</sup>Omitted because of duplication in value of shipments. See introductory text for this industry.

<sup>5</sup>Ratios not meaningful because of duplication in value of shipments.

<sup>6</sup>Data for 1954 include both woven and knit swimwear and athletic shorts, although only the knit portion is primary to Industry 2253. However, for the purpose of calculating the specialization and coverage ratios, only the knit portion was included. In 1958 woven fabric swimwear was classified in the appropriate apparel industry, in Major Group 23.

<sup>7</sup>See footnote 17 of table 1.

<sup>8</sup>The low coverage ratio of 18 percent is due to the inclusion of knit fabric gloves made in cut-and-sew shops (Major Group 23) as well as knit fabrics made in knitting mills. See text for more detailed discussion.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments or production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of the primary products of the industry shipped or made by all manufacturing industries.

Prod. class code	Full-fashioned hosiery mills	Full- fashioned hosiery mills (SIC 2251)	Seamless hosiery mills (SIC 2252)	Other industries	All industries
	Total shipments and receipts of the industry.....	(1)	xxx	xxx	xxx
	Primary products.....	(1)	(1)	(1)	(1)
22511	Finished full-fashioned hosiery.....	193,817	18,324	8,433	220,574
22512	Full-fashioned hosiery shipped in the greige.....	73,648	6,621	263	80,532
	Secondary products.....	56,939	xxx	xxx	xxx
2252-	Seamless hosiery products.....	53,805	xxx	xxx	xxx
	Other secondary products.....	3,134	xxx	xxx	xxx
	Miscellaneous receipts.....	25,027	xxx	xxx	xxx
	Contract and commission work.....	14,364	xxx	xxx	xxx
	Other miscellaneous receipts including resales.....	10,663	xxx	xxx	xxx
Prod. class code	Seamless hosiery mills	Seamless hosiery mills (SIC 2252)	Full- fashioned hosiery mills (SIC 2251)	Other industries	All industries
	Total shipments and receipts of the industry.....	597,437	xxx	xxx	xxx
	Primary products.....	533,916	53,805	3,894	591,615
22521	Women's finished seamless hosiery, except anklets.....	126,600	(D)	(D)	176,852
22522	Men's finished seamless hosiery, except anklets.....	166,105	(D)	(D)	168,103
22523	All other finished hosiery, including anklets.....	154,799	854	1,024	156,677
22524	Seamless hosiery shipped in the greige.....	76,507	3,538	...	80,045
22520	Seamless hosiery, nsk.....	9,905	...	33	9,938
	Secondary products.....	38,625	xxx	xxx	xxx
22511	Finished full-fashioned hosiery.....	18,324	xxx	xxx	xxx
22512	Full-fashioned hosiery shipped in the greige.....	6,621	xxx	xxx	xxx
	Other secondary products.....	13,680	xxx	xxx	xxx
	Miscellaneous receipts.....	24,896	xxx	xxx	xxx
	Contract and commission work.....	9,870	xxx	xxx	xxx
	Other miscellaneous receipts, including resales.....	15,026	xxx	xxx	xxx
Prod. class code	Knit outerwear mills	Knit outerwear mills (SIC 2253)	Other industries	All industries	
	Total value of production.....	813,577	xxx	xxx	
	Primary products.....	610,064	<sup>2</sup> 216,140	<sup>2</sup> 826,204	
22531-	Sweaters, knit jackets, and jerseys.....	424,171	<sup>3</sup> 47,909	472,080	
22532	Knit outerwear shirts.....	97,884	<sup>4</sup> 120,860	218,744	
22533	Other knit outerwear products, nec.....	65,546	<sup>3</sup> 47,336	112,882	
22530	Knit outerwear products, nsk.....	22,463	35	22,498	
	Secondary products.....	61,043	xxx	xxx	
22541	Men's and boys' knit underwear and nightwear.....	13,683	xxx	xxx	
22542	Women's and children's knit underwear.....	4,651	xxx	xxx	
22543	Women's and children's knit nightwear.....	3,599	xxx	xxx	
22561	Warp-knit fabrics.....	4,686	xxx	xxx	
22562	Circular-knit fabrics.....	7,360	xxx	xxx	
	Other secondary products.....	27,064	xxx	xxx	
	Miscellaneous receipts.....	142,470	xxx	xxx	
	Contract and commission receipts.....	100,099	xxx	xxx	
	Resales.....	39,436	xxx	xxx	
	Other miscellaneous receipts.....	2,935	xxx	xxx	

See footnotes at end of table.

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry,  
for the United States: 1958-Continued

Prod. class code	Knit underwear mills	Knit underwear mills (SIC 2254)	Knit outerwear mills (SIC 2253)	Other industries	All industries	
	Total value of production.....	291,852	xxx	xxx	xxx	
	Primary products.....	238,292	21,933	<sup>5</sup> 423,414	<sup>5</sup> 683,639	
22541	Men's and boy's knit underwear and nightwear.....	140,133	13,683	59,773	213,589	
22542	Women's and children's knit underwear.....	67,878	4,651	289,669	362,198	
22543	Women's and children's knit nightwear.....	30,281	3,599	73,972	107,852	
	Secondary products.....	32,333	xxx	xxx	xxx	
22532	Knit outerwear shirts.....	13,083	xxx	xxx	xxx	
22561	Warp-knit fabrics.....	2,123	xxx	xxx	xxx	
22562	Circular-knit fabrics.....	8,343	xxx	xxx	xxx	
	Other secondary products.....	8,784	xxx	xxx	xxx	
	Miscellaneous receipts.....	21,227	xxx	xxx	xxx	
	Contract and commission receipts.....	8,296	xxx	xxx	xxx	
	Other miscellaneous receipts including resales.....	12,931	xxx	xxx	xxx	
Prod. class code	Knit fabric mills	Knit fabric mills (SIC 2256)	Knit outerwear mills (SIC 2253)	Knit underwear mills (SIC 2254)	Other indus- tries	All indus- tries
	Total value of shipments.....	487,185	xxx	xxx	xxx	xxx
	Knit fabrics.....	417,096	12,046	10,466	<sup>6</sup> 22,789	462,397
22561	Warp-knit fabrics.....	197,828	4,686	2,123	12,418	217,055
22562	Circular-knit fabrics.....	219,268	7,360	8,343	<sup>7</sup> 10,371	245,342
	Secondary products.....	<sup>8</sup> 27,176	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	42,913	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	40,853	xxx	xxx	xxx	xxx
	Other miscellaneous receipts including resales.....	2,060	xxx	xxx	xxx	xxx
Prod. class code	Knitting mills, nec	Knitting mills, nec (SIC 2259)	Other industries	All industries		
	Total value of production.....	30,092	xxx	xxx		
22590	Knit gloves and other knit products, nec.....	24,369	<sup>9</sup> 111,384	<sup>9</sup> 135,753		
	Secondary products.....	2,406	xxx	xxx		
	Miscellaneous receipts.....	3,317	xxx	xxx		
	Contract and commission receipts.....	2,390	xxx	xxx		
	Other miscellaneous receipts including resales.....	927	xxx	xxx		

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Omitted because of duplication in value of shipments. See Introductory text for this industry.

<sup>2</sup>These figures include the value of knit outerwear made by cut-and-sew shops (Major Group 23) as well as knit outerwear made by knitting mills. See text for more detailed discussion.

<sup>3</sup>Industry 2329, Men's Outerwear, NEC Industry 2339, Women's Outerwear and Industry 2369, Children's Outerwear, NEC were significant producers of these products. The specific values for each of these industries, however, are not available.

<sup>4</sup>Includes production: \$13,083 thousand by Industry 2254, Knit Underwear Mills.

<sup>5</sup>These figures include the value of knit underwear made by cut-and-sew shops (Major Group 23) as well as knit underwear made by knitting mills. See text for more detailed discussion. Industry 2321, Men's Dress Shirts and Nightwear and Industry 2341, Women's and Children's Underwear were significant producers of these products. The specific values for each of these industries, however, are not available.

<sup>6</sup>Includes \$9,681 thousand of knit cloth shipped by Weaving Mills, Synthetics (SIC 2221). Product class data are withheld to avoid disclosing figures for individual companies.

<sup>7</sup>Includes \$2,357 thousand shipped by Industry 2259, Knitting Mills, NEC. Also included is an amount between \$2 million and \$5 million shipped by Industry 2252, Seamless Hosiery Mills.

<sup>8</sup>Includes knit underwear and nightwear valued between \$3 million and \$7 million and thrown and rewound yarns valued between \$2 million and \$5 million.

<sup>9</sup>These figures include the value of knit gloves made by cut-and-sew shops (Industry 2381) as well as knit gloves made by knitting mills. See text for more detailed discussion.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers <sup>1</sup>			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2251--	Full-fashioned hosiery products.....	.....	xxx	( <sup>2</sup> )	xxx	( <sup>2</sup> )
22511--	Finished full-fashioned hosiery, total.....	.....	xxx	<sup>3</sup> 220,574	xxx	347,176
	Women's and misses' finished full-fashioned hosiery:					
	All nylon and nylon leg:					
2251113	Full-length, nonstretch.....	1,000 doz. prs.	33,599	187,739	48,458	344,051
2251115	Full-length, stretch.....	.....do.....	3,257	20,203		
2251117	Knee length.....	.....do.....	403	2,563		
2251131	All other yarns and mixtures.....	.....do.....	139	1,522	253	2,149
2251198	All other finished full-fashioned hosiery.....	.....do.....	(NA)	<sup>3</sup> 8,547	254	976
22512--	Full-fashioned hosiery shipped in the greige, total.....	.....do.....	20,872	80,532	27,110	132,585
	Women's and misses' full-fashioned hosiery:					
2251211	All nylon and nylon leg.....	.....do.....	20,438	78,869	26,283	128,785
2251231	All other yarns and mixtures.....	.....do.....	434	1,663	827	3,800
2252--	Seamless hosiery products.....	.....	xxx	591,615	xxx	429,531
22521--	Women's finished seamless hosiery, except anklets, total.....	.....	xxx	176,852	xxx	64,976
	All nylon and nylon leg:					
2252113	Full-length, nonstretch.....	1,000 doz. prs.	22,852	146,785	8,843	56,593
2252115	Full-length, stretch.....	.....do.....	1,776	11,022		
2252117	Knee length.....	.....do.....	1,186	7,751		
2252131	Cotton or principally cotton.....	.....do.....	1,925	6,826	1,483	5,702
2252151	All other yarns and mixtures including ribbed hose.....	.....do.....	577	2,228	670	2,681
2252198	Leotards.....	.....	xxx	2,240	xxx	...
2252100	Women's finished seamless hosiery, nsk.....	.....				
22522--	Men's finished seamless hosiery.....	.....	xxx	168,103	xxx	194,443
	Men's half-hose:					
2252211	Nylon or principally nylon.....	1,000 doz. prs.	2,681	11,116	2,403	11,534
2252215	Cotton or principally cotton.....	.....do.....	9,202	26,194	11,480	32,145
2252217	Wool or principally wool.....	.....do.....	753	4,602	627	4,241
2252219	All other yarns and mixtures.....	.....do.....	670	2,075	1,535	3,070
	Men's slack hose:					
2252221	Nylon or principally nylon:					
2252225	Stretch.....	.....do.....	7,378	27,770	9,797	48,984
	Nonstretch.....	.....do.....	2,044	9,483		
2252233	Rayon and/or acetate or principally rayon and/or acetate.....	.....do.....	874	2,367	2,502	7,118
2252235	Cotton or principally cotton.....	.....do.....	15,365	51,038	19,433	58,298
2252239	All other yarns and mixtures.....	.....do.....	1,504	5,035	755	5,116
2252243	Bundle goods (work socks).....	.....do.....	3,573	10,192	4,065	11,054
2252251	Athletic socks (gym, sweat, etc.).....	.....do.....	2,580	11,996	2,487	8,227
2252261	Crew socks.....	.....do.....	1,048	3,812	1,633	4,656
2252200	Men's finished seamless hosiery, nsk.....	.....	xxx	2,423	xxx	...
22523--	All other finished seamless hosiery, including anklets.....	.....	xxx	156,677	xxx	136,722
2252311	Boys' socks, including boys' slack socks and golf hose and crew socks.....	1,000 doz. prs.	9,539	25,370	6,664	16,660
2252314	Children's (5/8 and 7/8) and infants' socks including ribbed hosiery.	.....do.....	993	2,737	2,591	7,028
	Anklets:					
	Women's and misses' (sizes 8 and up):					
2252321	Stretch.....	.....do.....	2,816	10,475	19,069	49,579
2252325	Nonstretch.....	.....do.....	10,574	27,892		
	Men's and boys' (all sizes):					
2252332	Stretch.....	.....do.....	5,244	15,704	5,887	15,894
2252334	Nonstretch.....	.....do.....	4,497	11,894		
	Children's (sizes 6 through 8 1/2):					
2252336	Stretch.....	.....do.....	4,889	12,362	10,698	25,674
2252338	Nonstretch.....	.....do.....	6,092	15,754		
	Infants' (sizes through 5 1/2):					
2252341	Stretch.....	.....do.....	1,180	3,421	5,821	11,822
2252345	Nonstretch.....	.....do.....	4,134	8,844		
2252351	Slipper socks.....	.....do.....	777	9,741	687	5,885
2252398	Other finished seamless hosiery.....	.....do.....	2,283	7,875	1,435	4,180
2252300	Finished seamless hosiery, nsk.....	.....	xxx	4,608	...	...
22524--	Seamless hosiery sold as greige (or gray) goods.....	.....	xxx	90,045	xxx	33,390
	Women's and misses' seamless hosiery, including misses' size 6 and up (excluding anklets):					
2252411	All nylon and nylon leg.....	1,000 doz. prs.	8,442	34,859	1,436	6,318
2252449	All other yarns and mixtures including ribbed hose.....	.....do.....	980	2,342	614	911
2252498	All other seamless hosiery, including women's and misses' anklets....	.....do.....	15,390	38,610	10,900	26,161
2252400	Seamless hosiery, sold as greige, nsk.....	.....	xxx	4,234		
2252000	Seamless hosiery, nsk.....	.....	xxx	9,938	xxx	...

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253---	Knit outerwear products, total <sup>4</sup> .....	.....	xxx	826,204	xxx	<sup>5</sup> 579,947
22531--	Sweaters, jackets, jerseys, and pullovers.....	.....	xxx	472,080	xxx	308,156
	Men's and boys'.....	1,000 dozen.....	3,375	122,624	1,638	63,720
2253112	Made in knitting mills.....	...do.....	(NA)	108,678	(NA)	(NA)
2329261	Made in cut-and-sew shops.....	...do.....	(NA)	13,946	(NA)	(NA)
	Men's sweaters, by fiber.....	...do.....	2,341	(NA)	1,211	52,141
2253111	All wool.....	...do.....	1,078	(NA)	805	36,272
2253114	All acrylic fibers.....	...do.....	606	(NA)	406	15,869
2253119	Other yarns, including mixtures and blends.....	...do.....	657	(NA)		
	Boys' sweaters, by fiber.....	...do.....	1,034	(NA)	427	11,579
2253121	All wool.....	...do.....	152	(NA)	221	7,574
2253124	All acrylic fibers.....	...do.....	513	(NA)	206	4,005
2253129	Other yarns, including mixtures and blends.....	...do.....	369	(NA)		
	Women's, misses', and juniors'.....	...do.....	7,314	267,395	4,610	180,473
2253132	Made in knitting mills.....	...do.....	(NA)	243,003	(NA)	(NA)
2339342	Made in cut-and-sew shops.....	...do.....	(NA)	24,392	(NA)	(NA)
	Women's, misses', and juniors' pullover sweaters and jerseys, by fiber.....	...do.....	3,737	(NA)	3,082	91,777
2253131	All wool.....	...do.....	636	(NA)	1,387	41,694
2253132	All nylon.....	...do.....	408	(NA)	310	8,256
2253134	All acrylic fibers.....	...do.....	2,082	(NA)	1,385	41,827
2253139	Other yarns, including mixtures and blends.....	...do.....	611	(NA)		
	Women's, misses', and juniors' coat and cardigan sweaters, by fiber.....	...do.....	3,577	(NA)	2,305	88,696
2253141	All wool.....	...do.....	495	(NA)	779	35,018
2253142	All nylon.....	...do.....	253	(NA)	120	3,895
2253144	All acrylic fibers.....	...do.....	2,307	(NA)	1,406	49,783
2253149	Other yarns, including mixtures and blends.....	...do.....	522	(NA)		
	Girls', teen-age girls', children's, and infants', including infants' sacques.....	...do.....	3,065	58,652	2,016	43,341
2253162	Made in knitting mills.....	...do.....	(NA)	51,625	(NA)	(NA)
2369072	Made in cut-and-sew shops.....	...do.....	(NA)	7,027	(NA)	(NA)
	Girls', sub-teens', and teen-age girls' sweaters and jerseys (size 7-16), by fiber.....	...do.....	988	(NA)	644	17,850
	All acrylic fibers.....	...do.....	630	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	...do.....	358	(NA)	(NA)	(NA)
	Children's sweaters (sizes 2-8), by fiber.....	...do.....	1,158	(NA)	737	15,159
	All acrylic fibers.....	...do.....	633	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	...do.....	525	(NA)	(NA)	(NA)
	Infants' sweaters and sacques (sizes 0-3), by fiber.....	...do.....	919	(NA)	635	10,332
	All acrylic fibers.....	...do.....	465	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	...do.....	454	(NA)	(NA)	(NA)
2253198	Other knit products, including babies' shawls, collars, cuffs.....	.....	xxx	23,409	xxx	9,261
2253100	Sweaters, jackets, jerseys, pullovers and sacques, nsk.....	.....	xxx		xxx	11,361
22532--	Knit outerwear sport shirts.....	.....	xxx	218,744	xxx	166,657
	Men's and boys'.....	1,000 dozen.....	11,286	128,865	12,082	109,838
2253212	Made in knitting mills.....	...do.....	(NA)	80,202	(NA)	(NA)
2321261	Made in cut-and-sew shops.....	...do.....	(NA)	48,663	(NA)	(NA)
	Men's knit outerwear shirts, except sweat shirts.....	...do.....	5,416	(NA)	6,387	58,435
	Men's sweat shirts.....	...do.....	1,620	(NA)	1,515	18,350
	Boys' knit outerwear shirts, except sweat shirts.....	...do.....	3,681	(NA)	3,986	31,119
	Boys' sweat shirts.....	...do.....	569	(NA)	194	1,934
	Women's, misses', and juniors'.....	...do.....	2,302	41,981	1,521	22,332
2253232	Made in knitting mills.....	...do.....	(NA)	7,858	(NA)	(NA)
2331244	Made in cut-and-sew shops.....	...do.....	(NA)	34,123	(NA)	(NA)
	Women's, misses', and juniors' knit outerwear shirts, by fiber.....	...do.....	2,302	41,981	1,521	22,332
	Chiefly cotton.....	...do.....	1,980	(NA)	(NA)	(NA)
	Other.....	...do.....	322	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253--- 22533--	Knit outerwear products—Continued Knit outerwear sport shirts—Continued Girls', teen-age girls', children's, and infants'.....	1,000 dozen.....	6,289	47,898	4,330	33,381
2253342 2361211	Made in knitting mills..... Made in cut-and-sew shops.....	do..... do.....	(NA) (NA)	28,872 19,026	(NA) (NA)	(NA) (NA)
2361275 2361285	Girls' and teen-age girls' (sizes 7-16)..... Children's and infants' (sizes 1-6x).....	do..... do.....	768 5,521	(NA) (NA)	394 3,936	4,235 29,146
2253200	Knit outerwear sport shirts, nsk.....	.....	xxx	...	xxx	1,106
22533--	Other knit outerwear products.....	.....	xxx	112,882	xxx	87,073
2253312 2253319 2339349	Women's, misses', and juniors'..... Made in knitting mills..... Made in cut-and-sew shops.....	..... ..... .....	xxx xxx xxx	55,716 637,329 18,387	xxx xxx xxx	87,073
2253341 2329281	Men's and boys'..... Made in knitting mills..... Made in cut-and-sew shops.....	..... ..... .....	xxx xxx xxx	16,784 9,997 6,787	xxx xxx xxx	
2253361 2369079	Girls', teen-age girls', children's and infants'..... Made in knitting mills..... Made in cut-and-sew shops.....	..... ..... .....	xxx xxx xxx	37,110 18,091 19,019	xxx xxx xxx	
2253300	Other knit outerwear products, nsk.....	.....	xxx	3,272	xxx	
2253000	Knit outerwear products, nsk.....	.....	xxx	22,498	xxx	18,061
2254--- 22541--	Knit underwear products, total <sup>4</sup> ..... Men's and boys' knit underwear and nightwear.....	..... .....	xxx xxx	683,639 213,589	xxx xxx	574,779 157,600
2254112 2322112	Men's and boys' knit underwear..... Made in knitting mills..... Made in cut-and-sew shops.....	..... ..... .....	xxx xxx xxx	202,664 147,487 55,177	xxx xxx xxx	151,426 (NA) (NA)
	Union suits:					
	Men's and boys' heavyweight.....	1,000 dozen.....	377	(NA)	617	11,233
	Men's and boys' lightweight.....	do.....	162	(NA)	305	4,234
	Undershirts made from knit cotton and/or wool fabrics:					
	Men's and boys' heavyweight and mediumweight, including balbriggan.....	do.....	455	(NA)	450	6,756
	Men's and boys' lightweight with 1/4 sleeves, including T-shirts used as undershirts.....	do.....	11,189	(NA)	6,858	38,914
	Men's sleeveless athletic type.....	do.....	5,481	(NA)	6,599	25,484
	Boys' sleeveless athletic type.....	do.....	582	(NA)	1,381	4,140
	Drawers made from knit cotton and/or wool fabrics:					
	Men's and boys' drawers, except supporter-type.....	do.....	632	(NA)	425	6,677
	Men's and boys' drawers, supporter-type, including half-knee, and full-length.....	do.....	493	(NA)	764	6,706
	Shorts and briefs made from knit cotton and/or wool fabrics:					
	Men's and boys' knit shorts, loose-leg, non-supporter type.....	do.....	846	(NA)	653	2,939
	Men's briefs, supporter-type.....	do.....	6,928	(NA)	5,208	27,823
	Boys' briefs, supporter-type.....	do.....	5,147	(NA)	3,650	13,206
	Men's and boys' knit underwear made from all other knit fabrics....	do.....	164	(NA)	669	3,314
	Men's and boys' knit nightwear.....	do.....	439	10,925	328	6,174
2254122 2321512	Made in knitting mills..... Made in cut-and-sew shops.....	do..... do.....	(NA) (NA)	7,050 3,875	(NA) (NA)	(NA) (NA)
22542--	Women's and children's knit underwear.....	.....	xxx	362,198	xxx	325,463
2254212 2341201	Made in knitting mills..... Made in cut-and-sew shops.....	..... .....	xxx xxx	75,459 286,739	xxx xxx	(NA) (NA)
	Women's, misses' and juniors' knit underwear, by type:					
	Slips.....	1,000 dozen.....	3,951	(NA)	(NA)	(NA)
2341221 2341222 2341224	Nylon knit fabrics..... Rayon and acetate knit fabrics..... Other knit fabrics.....	do..... do..... do.....	3,154 695 102	(NA) (NA) (NA)	3,418	96,970 (NA) (NA)

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2254---	Knit underwear products—Continued					
22542--	Women's and children's knit underwear—Continued					
	Women's, misses' and juniors' knit underwear, by type—Continued					
	Petticoats and half-slips.....	1,000 dozen.....	2,617	(NA)	2,009	48,178
2341225	Nylon knit fabrics.....	...do.....	2,115	(NA)	2,009	48,178
2341226	All other knit fabrics.....	...do.....	502	(NA)		
	Panties and bloomers.....	...do.....	28,638	(NA)	25,035	113,386
2341231	Cotton and/or wool circular knit fabrics.....	...do.....	3,257	(NA)	1,855	9,846
2341232	Circular knit silk, and man-made fibers.....	...do.....	3,666	(NA)	8,291	29,906
2341233	Nylon warp-knit.....	...do.....	5,100	(NA)	3,800	30,193
2341234	Rayon and acetate warp-knit.....	...do.....	16,615	(NA)	11,089	43,441
	Vests, undershirts, and stepins.....	...do.....	934	(NA)	1,453	7,999
2341235	Cotton and/or wool knit.....	...do.....	596	(NA)	634	2,735
2341237	Rayon and acetate knit.....	...do.....	289	(NA)		
2341238	Other knit fabrics.....	...do.....	49	(NA)		
2341239	Women's and children's union suits.....	...do.....	154	(NA)	198	2,276
	Girls' and children's knit underwear (sizes 2-16), by type:					
	Panties and bloomers.....	...do.....	10,268	(NA)	<sup>7</sup> 10,031	<sup>7</sup> 29,405
2341241	Cotton and/or wool knit.....	...do.....	5,622	(NA)	4,650	11,852
2341242	Other knit fabrics.....	...do.....	4,646	(NA)	<sup>7</sup> 5,381	<sup>7</sup> 17,553
	Vests and undershirts.....	...do.....	1,216	(NA)	<sup>8</sup> 1,204	<sup>8</sup> 3,478
2341243	Cotton and/or wool knit.....	...do.....	1,196	(NA)	1,165	3,318
2341244	Other knit fabrics.....	...do.....	20	(NA)	<sup>8</sup> 39	<sup>8</sup> 160
	Slips, half-slips and petticoats.....	...do.....	221	(NA)	(NA)	(NA)
2341245	Cotton knit.....	...do.....	21	(NA)	(NA)	(NA)
2341247	Other knit fabrics.....	...do.....	200	(NA)	(NA)	(NA)
	Infants' knit underwear, by type:					
	Panties.....	...do.....	2,895	(NA)	<sup>7</sup> 2,308	<sup>7</sup> 5,798
2341282	Cotton and/or wool.....	...do.....	2,501	(NA)	2,308	5,798
2341283	Other knit fabrics.....	...do.....	394	(NA)	<sup>(7)</sup>	<sup>(7)</sup>
	Vests, undershirts, and bands.....	...do.....	2,917	(NA)	<sup>8</sup> 3,139	<sup>8</sup> 9,777
2341284	Cotton and/or wool.....	...do.....	2,891	(NA)	3,139	9,777
2341285	All other knit fabrics.....	...do.....	26	(NA)	<sup>(8)</sup>	<sup>(8)</sup>
2341298	All other women's and children's knit underwear.....	.....	xxx	(NA)	xxx	<sup>8</sup> 8,196
22543--	Women's and children's knit nightwear.....	.....	xxx	107,852	xxx	89,189
2254312	Made in knitting mills.....	.....	xxx	39,521	xxx	(NA)
2341314	Made in cut-and-sew shops.....	.....	xxx	68,331	xxx	(NA)
	Women's, misses' and juniors' nightwear (except bed jackets).....	1,000 dozen.....	2,364	(NA)	1,993	61,827
	Warp-knit.....	...do.....	1,954	(NA)	1,482	52,053
2341344	Nylon.....	...do.....	1,290	(NA)	744	37,519
2341345	Rayon and acetate.....	...do.....	474	(NA)	635	12,218
2341346	All other warp-knit fabrics.....	...do.....	190	(NA)	103	2,316
	Circular knit.....	...do.....	410	(NA)	511	9,774
2341347	Cotton and/or wool.....	...do.....	235	(NA)	272	5,609
2341348	All other warp-knit fabrics.....	...do.....	175	(NA)	239	4,165
2341361	Girls' and teen-age girls' nightwear (sizes 8-16).....	...do.....	183	(NA)	(NA)	<sup>(9)</sup>
2341372	Childrens' and infants' nightwear made from cotton and/or wool knit..	...do.....	2,749	(NA)	2,104	25,070
2341381	Heavyweight sleeping garments made with feet.....	...do.....	1,389	(NA)	1,094	14,735
2341382	Other knit nightwear, including gowns and kimonos.....	...do.....	1,360	(NA)	1,010	10,335
2341382	Other knit nightwear.....	.....	xxx	(NA)	xxx	<sup>9</sup> 2,292
2254000	Knit underwear, nsk.....	.....	xxx	...	xxx	2,527

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers of knit cloth made from yarns owned by the company <sup>1</sup>			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2256--	Knit fabrics, total <sup>10</sup> .....	.....	xxx	462,397	xxx	352,429
22561--	Warp-knit fabrics (including raschel).....	.....	xxx	217,055	xxx	175,334
2256112	Finished.....	1,000 pounds...	68,375	158,188	} 67,592	175,334
2256119	Greige goods.....	do.....	29,847	58,867		
22562--	Circular knit fabrics (including raschel).....	.....	xxx	245,342	xxx	167,816
2256212	Finished.....	1,000 pounds...	149,566	229,824	} 120,070	167,816
2256219	Greige goods.....	do.....	12,429	15,518		
2256000	Knit fabrics, nsk.....	.....	xxx	...	xxx	9,279
Total production <sup>1</sup>						
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2259---	Knit products, nec, total <sup>10</sup> .....	.....	xxx	135,753	xxx	123,697
	Knit dress gloves and mittens:					
	Leather and fabric combination.....	1,000 doz. prs..	105	1,923	57	845
2259011	Made in knitting mills.....	do.....	(NA)	377	(NA)	(NA)
2381111	Made in cut-and-sew shops.....	do.....	(NA)	1,546	(NA)	(NA)
	Men's and boys' knit or knitted fabric.....	do.....	<sup>11</sup> 429	3,423	347	3,061
2259032	Made in knitting mills.....	do.....	(NA)	2,853	(NA)	(NA)
2381141	Made in cut-and-sew shops.....	do.....	(NA)	570	(NA)	(NA)
	Women's and misses' knit or knitted fabric.....	do.....	<sup>11</sup> 2,001	31,514	2,919	37,335
2259042	Made in knitting mills.....	do.....	(NA)	3,688	(NA)	(NA)
2381145	Made in cut-and-sew shops.....	do.....	(NA)	27,826	(NA)	(NA)
	Children's and infants' textile gloves and mittens.....	do.....	896	4,843	533	2,740
2259052	Made in knitting mills.....	do.....	(NA)	1,847	(NA)	(NA)
2381152	Made in cut-and-sew shops.....	do.....	(NA)	2,996	(NA)	(NA)
	Fabric work gloves and mittens, including leather and fabric combination.....	do.....	18,339	73,041	19,456	66,844
2259071	Made in knitting mills.....	do.....	(NA)	1,593	(NA)	(NA)
2381212	Made in cut-and-sew shops.....	do.....	(NA)	71,448	(NA)	(NA)
2259081	Knitted wash cloths.....	.....	} xxx	21,009	xxx	12,872
2259085	Knitted towels.....	.....				
2259098	Other knit products, nec.....	.....				

NA Not available.

<sup>1</sup>Represents shipments or production of apparel items made by or for reporting companies from their own materials. See text for more detailed discussion.<sup>2</sup>Omitted because of duplication in value of shipments. See text for this industry.<sup>3</sup>For 1958, full-fashioned leotards are included in "All other finished hosiery" (product code 2251198).<sup>4</sup>For 1958, the detailed product data on knit outerwear and underwear were obtained from the Annual Apparel Survey MA23A while the summary value figures were collected in the Census of Manufactures. See text for more detailed discussion.<sup>5</sup>For 1954, the value of woven fabric swimwear and athletic shorts was included in Industry 2253. For 1958, the men's and boys' woven fabric swimwear and athletic shorts are included in Industry 2329; women's, misses', and juniors' in Industry 2339; and children's and infants' in Industry 2369.<sup>6</sup>This value includes women's, misses', and juniors' knit dresses and suits made in knitting mills. For 1958, the production of this item amounted to 277 thousand dozen valued at \$28,640 thousand.<sup>7</sup>For 1954, infants' panties made from "other knit fabrics" are included with girls' and children's panties made from other knit fabrics.<sup>8</sup>For 1954, infants' vests made from circular knit fabrics other than cotton and/or wool were included with girls' and children's vests; infants' vests made from warp knit fabrics were included with all other knit underwear.<sup>9</sup>For 1954, girls' and teen-age girls' nightwear was included with other knit nightwear.<sup>10</sup>For 1958, only summary figures were collected on the quantity and value of total knit cloth shipments, including interplant transfers. Detailed shipments for knit cloth for sale during 1958 were collected, however, in the Annual Commodity Survey MA22K, "Knit Cloth for Sale." These figures are shown in table 6C.<sup>11</sup>For 1958, only summary figures were collected on the quantity and value of glove production. Detailed quantity figures on glove production were collected in the Annual Commodity Survey MA23D and are shown in table 6D.<sup>12</sup>A small amount of women's and misses' gloves are included with men's in order to avoid disclosing figures for individual companies.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of production or shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments or production of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Finished full-fashioned hosiery (22511):</b>			<b>Women's finished seamless hosiery, except anklets (22521)--Continued</b>	1958 <sup>1</sup>	1954	<b>All other finished seamless hosiery, including anklets (22523)--Continued</b>	1958 <sup>1</sup>	1954
United States, total:								
1958.....	220,574		Middle Atlantic.....	18,740	4,113	East North Central.....	11,199	8,341
1957.....	262,187		Pennsylvania.....	17,883	3,336	Wisconsin.....	8,436	( <sup>3</sup> )
1956.....	326,220		East North Central.....	15,152	6,860	South Atlantic.....	91,920	72,293
1955.....	336,558		Indiana.....	10,502	( <sup>3</sup> )	Virginia.....	2,988	2,970
1954.....	347,176		Wisconsin.....	3,834	1,154	North Carolina.....	74,302	53,987
1953.....	338,663		South Atlantic.....	89,308	35,147	Georgia.....	13,032	12,771
1952.....	357,108		Virginia.....	3,510	( <sup>4</sup> )	East South Central.....	40,746	39,212
1951.....	389,821		North Carolina.....	81,999	32,854	Kentucky.....	3,077	4,029
1950.....	427,595		Georgia.....	2,072	1,625	Tennessee.....	34,313	29,830
1947.....	426,495		East South Central.....	46,270	16,886			
	1958 <sup>1</sup>	1954	Kentucky.....	2,842	( <sup>4</sup> )	<b>Seamless hosiery shipped in the greige (22524):</b>	Value of shipments	
Middle Atlantic.....	47,125	101,405	Tennessee.....	43,428	16,886	United States, total:		
New York.....	4,193	14,844				1958.....		80,045
New Jersey.....	1,847	3,722	<b>Men's finished seamless hosiery (22522):</b>	Value of shipments		1955.....		48,716
Pennsylvania.....	41,085	82,838	United States, total:			1954.....		33,390
East North Central.....	17,951	231,589	1958.....		168,103	1947.....		16,848
South Atlantic.....	114,069	156,436	1957.....		205,410		1958 <sup>1</sup>	
Virginia.....	6,123	9,258	1956.....		206,840	Middle Atlantic.....		3,915
North Carolina.....	104,795	135,219	1955.....		213,780	South Atlantic.....		53,283
South Carolina.....	1,240	1,439	1954.....		194,443	North Carolina.....		44,930
Georgia.....	1,596	8,467	1953.....		209,711	Georgia.....		4,668
East South Central.....	19,250	32,145	1952.....		218,222	East South Central.....		17,878
Tennessee.....	14,984	23,995	1951.....		212,829	Tennessee.....		11,855
West South Central.....	2,744	3,646	1950.....		187,684	West South Central.....		2,029
Pacific.....	4,960	6,441	1947.....		180,441			
California.....	4,960	6,441		1958 <sup>1</sup>	1954	<b>Sweaters, knit jackets, and jerseys (22531):</b>	Value of production	
			New England.....	4,548	4,685	United States, total:		
<b>Full-fashioned hosiery shipped in the greige (22512):</b>	Value of shipments		New Hampshire.....	2,020	1,709	1958.....		472,080
United States, total:			Middle Atlantic.....	17,577	22,920	1957.....		461,424
1958.....		80,532	Pennsylvania.....	10,800	16,836	1956.....		426,301
1957.....		84,696	East North Central.....	11,885	12,118	1955.....		373,614
1956.....		115,748	Wisconsin.....	3,931	( <sup>4</sup> )	1954.....		308,156
1955.....		139,312	South Atlantic.....	119,060	139,890	1947.....		184,983
1954.....		132,585	North Carolina.....	93,641	105,917		1958 <sup>1</sup>	1954
1947.....		81,858	Georgia.....	7,359	10,881	New England.....	36,268	18,131
	1958 <sup>1</sup>	1954	East South Central.....	14,900	14,049	New Hampshire.....	11,881	( <sup>3</sup> )
Middle Atlantic.....	8,513	32,499	Tennessee.....	7,763	8,859	Massachusetts.....	19,644	14,505
Pennsylvania.....	7,861	28,939	Mississippi.....	2,037	1,564	Middle Atlantic.....	348,522	232,255
South Atlantic.....	57,995	73,472	<b>All other finished seamless hosiery, including anklets (22523):</b>	Value of shipments		New York.....	237,651	167,117
Virginia.....	11,661	11,503	United States, total:			New Jersey.....	33,445	20,144
North Carolina.....	31,663	44,779	1958.....		156,677	Pennsylvania.....	77,426	44,994
South Carolina.....	4,544	5,812	1957.....		157,555	East North Central.....	39,229	29,009
Georgia.....	7,525	8,360	1956.....		141,279	Ohio.....	34,079	25,786
East South Central.....	9,871	19,751	1955.....		149,290	Wisconsin.....	2,289	1,458
Mississippi.....	5,261	5,531	1954.....		136,722	West North Central.....	4,351	2,398
West South Central.....	1,463	2,389	1953.....		165,909	Minnesota.....	4,351	2,393
			1952.....		165,249	South Atlantic.....	21,245	6,880
<b>Women's finished seamless hosiery, except anklets (22521):</b>	Value of shipments		1951.....		155,956	North Carolina.....	8,973	2,187
United States, total:			1950.....		149,925	Florida.....	1,486	( <sup>4</sup> )
1958.....		176,852	1947.....		84,186	Pacific.....	18,346	15,568
1957.....		130,297		1958 <sup>1</sup>	1954	<b>Knit outerwear sport shirts (22532):</b>	Value of production	
1956.....		108,973	New England.....	1,239	3,146	United States, total:		
1955.....		86,566	Middle Atlantic.....	11,573	12,818	1958.....		218,744
1954.....		64,976	Pennsylvania.....	9,091	10,352	1957.....		189,416
1947.....		53,504				1956.....		193,320

See footnotes at end of table.



for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of production		Product class, region, and State	Value of production	Product class, region, and State	Value of shipments	
<u>Knit outerwear sport swimsuits (22542)--Continued</u>	1953 <sup>1</sup>	1954	<u>Women's and children's knit underwear<sup>5</sup> (22542):</u>		<u>Warp knit fabrics (22561):</u>		
			United States, total:		United States, total:		
New England.....	14,445	14,700	1958.....	362,198	1958.....	217,055	
Massachusetts.....	6,457	8,058	1954.....	329,463	1957.....	195,191	
					1956.....	181,415	
Middle Atlantic.....	123,189	90,461		1958 <sup>1</sup>	1955.....	191,946	
New York.....	75,072	54,851	New England.....	20,074	1954.....	175,334	
New Jersey.....	4,044	3,158	Massachusetts.....	6,903	1947.....	70,557	
Pennsylvania.....	43,423	32,452				1958 <sup>1</sup>	1954
North Central.....	15,289	14,734	Middle Atlantic.....	219,366	New England.....	10,879	8,985
Ohio.....	9,023	8,592	New York.....	148,640	Connecticut.....	4,774	( <sup>3</sup> )
Illinois.....	1,551	1,217	New Jersey.....	18,004	Middle Atlantic.....	113,869	86,860
South Atlantic.....	43,060	29,445	Pennsylvania.....	52,722	New York.....	50,605	35,636
Virginia.....	21,661	12,419	East North Central.....	16,468	New Jersey.....	17,346	7,450
North Carolina.....	10,770	9,314	Illinois.....	12,899	Pennsylvania.....	45,918	43,793
South Carolina.....	2,333	2,480	West North Central.....	2,924	South Atlantic.....	80,215	60,820
Georgia.....	5,681	3,593	Missouri.....	1,439	Virginia.....	14,938	14,545
East South Central.....	15,198	13,440	South Atlantic.....	46,637	North Carolina.....	48,678	39,944
Pacific.....	7,584	2,648	North Carolina.....	26,897	East South Central.....	9,937	14,594
California.....	7,513	( <sup>3</sup> )	Georgia.....	18,273			
<u>Men's and boys' knit underwear<sup>5</sup> (22541):</u>	Value of production		East South Central.....	39,329	<u>Circular knit fabrics (22562):</u>	Value of shipments	
United States, total:			West South Central.....	9,664	United States, total:		
1958.....	213,589		West.....	7,736	1958.....	245,342	
1954.....	157,600				1957.....	237,031	
	1958 <sup>1</sup>		<u>Women's and children's knit nightwear<sup>5</sup> (22543):</u>	Value of production	1956.....	208,105	
			United States, total:		1955.....	206,097	
			1958.....	107,852	1954.....	167,816	
			1954.....	89,189	1947.....	125,837	
				1958 <sup>1</sup>		1958 <sup>1</sup>	1954
New England.....	3,215		New England.....	4,543	New England.....	66,162	60,460
Middle Atlantic.....	67,035		Middle Atlantic.....	51,660	Massachusetts.....	41,540	41,183
Pennsylvania.....	53,447		New York.....	39,459	Middle Atlantic.....	101,379	61,840
East North Central.....	27,522		New Jersey.....	1,174	New York.....	65,852	40,137
South Atlantic.....	53,600		Pennsylvania.....	11,027	East North Central.....	17,018	5,257
North Carolina.....	34,354		East North Central.....	10,561	Wisconsin.....	15,626	3,476
Georgia.....	7,852		Illinois.....	7,418	South Atlantic.....	30,925	22,004
East South Central.....	50,562		South Atlantic.....	19,346	North Carolina.....	16,733	10,906
Alabama.....	8,089		North Carolina.....	8,442	East South Central.....	27,388	16,188
West South Central.....	2,763		East South Central.....	18,785			
Mountain.....	4,272		Tennessee.....	7,919			
			Alabama.....	10,285			
			West South Central.....	1,867			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes production or shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22511, New Hampshire, Indiana, Illinois, Wisconsin, Minnesota, Kentucky, and Texas; 22512, Florida, Tennessee, and Alabama; 22521, New Hampshire, South Carolina, and Oklahoma; 22522, Massachusetts, New York, Ohio, Illinois, Delaware, Virginia, West Virginia, Kentucky, and Alabama; 22523, New York, New Jersey, Illinois, Delaware, and Alabama; 22524, Pennsylvania, Illinois, Missouri, Maryland, West Virginia, Alabama, Mississippi, and Arkansas; 22531, Maine, Connecticut, Illinois, Virginia, West Virginia, South Carolina, Tennessee, Texas, Oregon, and California; 22532, New Hampshire, Rhode Island, Indiana, Minnesota, Maryland, Tennessee, and Alabama; 22541, New Hampshire, New York, Ohio, Illinois, Minnesota, Virginia, South Carolina, Kentucky, Tennessee, Mississippi, Oklahoma, and Arizona; 22542, Vermont, Rhode Island, Connecticut, Indiana, Virginia, Tennessee, Alabama, Mississippi, Louisiana, Utah, and California; 22543, Vermont, Massachusetts, Michigan, Virginia, Georgia, and Oklahoma; 22561, New Hampshire, Rhode Island, South Carolina, Tennessee, Alabama, and California; 22562, Rhode Island, Connecticut, New Jersey, Pennsylvania, Maryland, Virginia, South Carolina, Georgia, Tennessee, Alabama, and California.

<sup>2</sup>Includes West North Central.

<sup>3</sup> Production or shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>4</sup>Shipments of less than \$1 million reported.

<sup>5</sup>Includes production of these products made by cut-and-sew shops (Major Group 23) as well as knitting mills. See text for appropriate industry.

Table 6C.—Total Shipments of Knit Cloth for Sale: 1958 and 1954

Product	Shipments of knit cloth for sale (1,000 pounds)	
	1958 <sup>1</sup>	1954 <sup>2</sup>
Finished knit cloth, total.....	<sup>r</sup> 201,635	<sup>3</sup> 165,030
Warp knit finished fabrics, total.....	<sup>r</sup> 63,617	<sup>3</sup> 49,520
Underwear and nightwear fabrics, total.....	<sup>r</sup> 46,305	37,216
Rayon or chiefly rayon.....	20,864	20,110
Nylon or chiefly nylon.....	<sup>r</sup> 23,659	16,223
Other fibers and mixtures.....	1,782	883
Corset fabrics.....	5,094	<sup>3</sup> 1,019
Outerwear fabrics, except glove, total.....	<sup>r</sup> 3,222	<sup>3</sup> 3,831
Rayon or chiefly rayon.....	955	(NA)
Nylon or chiefly nylon.....	<sup>r</sup> 1,158	(NA)
Other fibers and mixtures.....	<sup>r</sup> 1,109	(NA)
Glove fabrics, total.....	1,901	2,552
Chiefly cotton.....	730	1,744
Chiefly other yarns.....	1,171	808
Knit netting including raschel-knit shoe netting.....	<sup>r</sup> 2,302	866
Knit laces.....	<sup>r</sup> 2,106	<sup>3</sup> 4,036
Toweling, washcloth, and dishcloth fabrics.....	217	
All other warp knit fabrics.....	<sup>r</sup> 2,470	
Circular knit finished fabrics, total.....	<sup>r</sup> 147,018	115,510
Underwear and nightwear fabrics, total.....	<sup>r</sup> 21,769	<sup>3</sup> 29,233
Rayon or chiefly rayon.....	<sup>r</sup> 10,266	<sup>3</sup> 15,314
Cotton or chiefly cotton.....	<sup>r</sup> 10,786	13,340
Other fibers and mixtures.....	717	579
Outerwear fabrics except glove, total.....	<sup>r</sup> 78,831	52,476
Overcoating and topcoating (including fleeces), and ski and snow-suit fabrics, total.....	16,176	16,342
Wool, or chiefly wool.....	(NA)	10,894
Other fibers or mixtures.....	(NA)	5,448
Dress and suiting fabrics, total.....	<sup>r</sup> 19,407	8,806
Wool or chiefly wool.....	5,414	6,692
Other fibers and mixtures, including rayon.....	<sup>r</sup> 13,993	2,114
Knit shirt fabrics.....	<sup>r</sup> 36,549	<sup>3</sup> 26,181
All other outerwear fabrics, except gloves.....	<sup>r</sup> 6,699	<sup>3</sup> 1,147
Glove and mitten fabrics, total.....	<sup>r</sup> 11,024	8,666
Work glove jersey-cotton (including balbriggan).....	<sup>r</sup> 4,949	3,636
Work glove ribbed tubing-cotton.....	<sup>r</sup> 3,995	4,120
All other glove and mitten fabrics.....	2,080	910
Other circular knit fabrics, total.....	<sup>r</sup> 35,394	25,135
Footwear lining.....	3,657	2,956
Meat bagging and other stockinette fabrics.....	<sup>r</sup> 7,866	9,792
Elastic girdle blanks and elastic fabrics.....	<sup>r</sup> 6,121	<sup>3</sup> 3,004
Toweling, washcloth and dishcloth fabrics.....	431	<sup>3</sup> 9,383
All other circular knit fabrics.....	17,319	
Knit cloth in the greige, total.....	<sup>r</sup> 31,817	12,125
Warp knit.....	<sup>r</sup> 21,937	10,577
Circular knit.....	<sup>r</sup> 9,880	1,548

NA Not available. <sup>r</sup>Revised.<sup>1</sup>Detail collected in 1958 annual commodity survey "Knit Cloth for Sale" on Form MA22K and, in some instances were revised on the basis of information received in the 1959 annual MA22K report.<sup>2</sup>The 1954 figures from the 1954 Census of Manufactures were revised in the 1955 annual report MA22K, "Knit Cloth for Sale." The 1954 figures were revised, principally to exclude shipments in the greige, as indicated by the 1955 returns. The 1954 Census of Manufactures did not collect separate shipments figures on finished and greige goods. In addition, the 1954 quantity data were adjusted to include some shipments which were shown in the "not specified by kind" category in the Census of Manufactures.<sup>3</sup>Includes some interplant transfers to avoid disclosing figures for individual companies.



Table 6D.—Production of Fabric Dress and Work Gloves and Mittens: 1958 and 1954

Product	1958 <sup>1</sup>			1954 <sup>2</sup>		
	Total	Men's and boys'	Women's and children's	Total	Men's and boys'	Women's and children's
Dress and semidress gloves and mittens, except all leather and woven fabrics, total...	3,431	xxx	xxx	3,856	xxx	xxx
Leather and fabric combination.....	105	85	20	57	51	6
Men's, women's, and misses', all knit fabrics, total.....	2,430	xxx	xxx	3,266	xxx	xxx
Knit fabric gloves (cut-and-sewn), total.....	1,762	xxx	xxx	2,584	xxx	xxx
Cotton fabrics, total.....	605	(D)	(D)	1,219	(D)	(D)
Warp knit.....	471	39	432	987	88	899
Circular knit.....	134	(D)	(D)	232	(D)	(D)
Nylon fabrics.....	1,077	5	1,072	1,130	12	1,118
Other knit fabrics including wool and rayon.....	80	55	25	235	45	190
Seamless gloves and mittens, total.....	668	330	338	682	202	480
50% or more wool.....	522	318	204	682	202	480
50% or more man-made fibers.....	112	12	134			
Other fibers and mixtures, including cotton.....	34					
Children's and infants'.....	896	xxx	896	533	xxx	533
Work gloves and mittens, except all leather, total.....	18,339	xxx	xxx	19,456	xxx	xxx
Leather-and-fabric combination.....	2,138	xxx	xxx	2,657	xxx	xxx
All fabric, total.....	16,201	xxx	xxx	16,799	xxx	xxx
Canton flannel, total.....	9,701	(D)	(D)	11,771	11,147	624
Single.....	6,625	6,056	569	10,334	9,714	620
Double.....	2,538	2,517	21			
Hat mill.....	420	420	..			
All other canton flannel.....	118	( <sup>1</sup> )	( <sup>1</sup> )			
Fleeced cotton jersey.....	2,962	2,672	290	2,820	2,548	272
Circular knit cotton.....	2,233	827	1,406	1,204	592	612
Terry cloth.....	424	( <sup>1</sup> )	(D)	384	383	1
All other textile work gloves and mittens.....	881	684	197	620	569	51

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>For 1958, detailed data on gloves and mittens by material and type were collected in the Annual Current Industrial Report Survey MA23D, Gloves and Mittens. In some instances, the 1958 data were revised on the basis of information obtained from the 1959 report for this series.

<sup>2</sup>The 1954 figures from the 1954 Census of Manufactures were revised in the 1955 Annual Report MA23D, Gloves and Mittens to include information which became available during the 1955 survey. In addition, the 1954 quantity data were adjusted to include some production which were shown in the "not specified by kind" category in the Census of Manufactures.

<sup>3</sup>For 1954, single canton flannel work gloves were included with all other canton flannel work gloves.

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	1958		1954		1958		1954		
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	
		(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	
		INDUSTRY 2251—FULL-FASHIONED HOSIERY MILLS				INDUSTRY 2252—SEAMLESS HOSIERY MILLS				
	Materials, containers, and supplies, total.....	xxx	(1)	xxx	(1)	xxx	277,150	xxx	210,960	
222111	Cotton yarns.....	488	981	2,139	3,035	75,153	69,056	72,996	70,386	
222121	Rayon and acetate yarns.....			201	564	1,808	2,022	4,587	4,414	
222133	Nylon filament yarns.....	13,483	47,550	20,559	84,105	17,240	50,782	13,513	50,049	
222135	Nylon spun yarns.....	903	3,200			4,168	8,657			
222141	Wool yarns.....	88	287	43	116	2,683	25,300	2,885	5,177	
222191	All other yarns.....			(NA)	(NA)	6,401	11,929	(NA)		
225011	Hosiery in the greige.....	xxx	(NA)	xxx	(NA)	xxx		xxx		
970099	All other materials, including staple, fabrics purchased already knit, containers and supplies....	xxx		xxx			117,707		80,934	
973000	Materials, containers, and supplies, nsk <sup>2</sup> .....	xxx	(1)	xxx	(1)	xxx	11,697	xxx		
		1958		1954		1958		1954		
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Yarns spun for own use	Quantity	Delivered cost
		(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(1,000 lbs.)	(\$1,000)
		INDUSTRY 2253—KNIT OUTERWEAR MILLS				INDUSTRY 2254—KNIT UNDERWEAR MILLS				
	Materials, containers, and supplies, total.....	xxx	342,959	xxx	239,010	xxx	130,037	xxx	xxx	137,422
222113	Combed cotton yarns.....	30,864	28,938	45,924	37,075	56,692	46,286	8,548	95,014	72,617
222115	Carded cotton yarns.....	32,523	22,188			30,073	18,726			
222121	Rayon and acetate yarns.....	2,250	2,837	2,814	4,682	3,439	3,498	xxx	3,923	3,717
222131	Nylon yarns.....	11,906	31,326	5,655	14,590	3,335	8,507	xxx	3,034	9,317
222141	Wool yarns.....	23,175	55,340	29,256	76,365	1,373	1,403	xxx	1,867	2,897
222151	Acrylic yarns.....	30,886	66,220	(NA)		133	296	xxx	(NA)	
222191	All other yarns.....	12,099	28,061	(NA)		3,503	4,301	xxx	(NA)	
970099	All other materials, including staple, fabrics purchased already knit, parts, containers and supplies.....	xxx	76,015	xxx	106,298	xxx	45,343	xxx	xxx	48,874
973000	Materials, containers, and supplies, nsk <sup>2</sup> .....	xxx	32,034	xxx		xxx	1,677	xxx	xxx	
		1958		1954		1958		1954		
		Quantity	Delivered cost	Yarns spun for own use	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)
		INDUSTRY 2256—KNIT FABRIC MILLS				INDUSTRY 2259—KNITTING MILLS, NEC				
	Materials, containers, and supplies, total.....	xxx	313,835	xxx	xxx	243,081	xxx	13,986	xxx	13,484
222113	Combed cotton yarns.....	44,781	41,518	12,646	43,526	34,985	459	464	8,211	5,160
222115	Carded cotton yarns.....	29,557	22,899				4,272	3,099		
222121	Rayon and acetate yarns.....	52,139	39,344	1,801	35,196	29,001	3,450	2,519	2,997	2,305
222131	Nylon yarns.....	44,685	90,960		24,804	69,906	106	266		
222141	Wool yarns.....	5,446	10,623		11,334	25,199	749	1,522	806	1,863
222152	Acrylic yarns.....	4,610	9,043	4,589	(NA)		293	784	xxx	
222191	All other yarns.....	9,919	18,184		(NA)		74	123	xxx	
970099	All other materials, including staple, fabrics purchased already knit, parts, containers, and supplies.....	xxx	69,710	xxx	xxx	83,990	xxx	3,536	xxx	4,156
973000	Materials, containers, and supplies, nsk <sup>2</sup> .....	xxx	11,554	xxx	xxx		xxx	1,673	xxx	

NA Not available.

<sup>1</sup>Withheld because of extensive duplication. (See introductory text for Industry 2251.)<sup>2</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."<sup>3</sup>In addition to the purchased wool yarns, establishments in Industry 2252 spun 5,483 thousand pounds of wool yarn for their own use. The cost of the wool consumed is included with "All other materials."



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2251-02	FULL-FASHIONED HOSIERY MILLS-MANUFACTURERS (entire subindustry).....	361	29,986	93,582	26,938	50,171	78,482	154,758	155,389	(1)	5,815
	Establishments with:										
	90% or more specialization.....	301	15,472	48,983	14,126	27,144	42,515	76,269	74,634	(1)	2,765
	75-89% specialization.....	20	3,291	10,600	2,775	5,340	7,840	19,446	28,966	(1)	(2)
22511-02	Finished full-fashioned hosiery-manufacturers (primary product class of estab.).....	183	20,744	63,964	18,426	33,755	52,132	117,032	119,671	236,183	3,997
	Establishments with:										
	90% or more specialization....	127	6,537	20,457	5,876	11,243	17,069	39,902	40,916	80,133	1,262
	75-89% specialization.....	17	3,089	9,777	2,633	4,949	7,276	18,649	28,275	46,141	(2)
22512-02	Full-fashioned hosiery shipped in the greige-manufacturers (primary product class of estab.).....	169	9,202	29,486	8,480	16,362	26,241	37,537	35,476	73,511	1,776
	Establishments with:										
	90% or more specialization....	140	7,263	23,377	6,697	13,070	20,918	29,701	27,660	57,838	1,061
	75-89% specialization.....	13	870	2,703	820	1,535	2,512	3,060	2,917	6,069	(2)
2251-03	FULL-FASHIONED HOSIERY MILLS-CONVERTERS (entire subindustry).....	14	451	2,234	182	369	550	7,593	16,257	(1)	(2)
	Establishments with:										
	90% or more specialization.....	10	70	435	25	50	115	935	5,272	(1)	(D)
2252-02	SEAMLESS HOSIERY MILLS-MANUFACTURERS (entire subindustry).....	596	67,223	171,345	62,555	109,603	147,582	280,724	291,780	572,784	13,342
	Establishments with:										
	90% or more specialization.....	555	58,499	147,904	54,499	95,895	127,837	238,236	240,633	480,157	11,207
	75-89% specialization.....	8	2,499	6,684	2,289	3,588	5,444	15,520	14,526	29,907	521
22521-02	Women's finished seamless hosiery, except anklets-manufacturers (primary product class of estab.)..	57	13,700	42,447	12,959	24,577	37,702	73,176	54,486	126,848	4,213
	Establishments with:										
	90% or more specialization....	36	8,736	29,169	8,354	16,181	26,379	53,460	36,972	89,757	2,936
	75-89% specialization.....	5	625	1,789	579	1,067	1,473	2,633	3,320	5,887	(2)
22522-02	Men's finished seamless hosiery, except anklets-manufacturers (primary product class of estab.)..	165	20,504	51,828	18,971	32,874	43,527	87,243	102,845	191,095	2,820
	Establishments with:										
	90% or more specialization....	123	12,256	31,210	11,238	19,921	25,949	49,131	56,887	107,360	1,172
	75-89% specialization.....	10	1,849	4,558	1,756	2,864	3,901	6,545	6,994	13,500	(2)
22523-02	All other finished hosiery, except anklets-manufacturers (primary product class of estab.).....	182	22,046	50,079	20,404	34,474	42,269	75,243	89,633	164,671	1,757
	Establishments with:										
	90% or more specialization....	139	14,466	32,084	13,400	22,489	27,159	46,732	49,177	96,144	1,139
	75-89% specialization.....	16	2,412	5,594	2,214	3,712	4,695	8,688	8,249	17,138	(2)
22524-02	Seamless hosiery shipped in the gray-manufacturers (primary product class of estab.).....	124	9,468	23,635	8,927	15,365	21,223	40,013	39,648	79,838	4,300
	Establishments with:										
	90% or more specialization....	107	7,442	18,447	7,035	12,400	16,668	30,643	29,327	60,258	4,074
	75-89% specialization.....	8	441	1,016	424	700	875	1,311	1,947	3,292	(D)
2252-03	SEAMLESS HOSIERY MILLS-CONVERTERS (entire subindustry).....	15	375	1,387	184	345	411	4,236	12,147	16,160	(2)
	Establishments with:										
	90% or more specialization.....	7	86	190	50	78	86	482	2,288	2,744	(D)
22521-03	Women's finished seamless hosiery, except anklets-converters (primary product class of estab.).....	6	278	1,149	125	248	309	3,688	10,243	13,728	(2)
22522-03	Men's finished seamless hosiery, except anklets-converters (primary product class of estab.).....	4	35	123	11	21	23	312	1,316	1,631	(D)

See footnotes at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2253-02	KNIT OUTERWEAR MILLS-MANUFACTURERS (entire subindustry).....	507	39,570	126,365	34,802	64,783	99,006	204,005	266,042	470,581	6,691
	Establishments with:										
	90% or more specialization.....	449	26,343	85,018	23,247	42,972	67,215	137,502	177,951	315,749	5,339
	75-89% specialization.....	23	3,764	12,389	3,345	6,343	9,552	20,692	21,736	42,523	(2)
22531-02	Sweaters, knit jackets, and jerseys-manufacturers (entire industry).....	289	25,213	83,926	21,905	40,900	64,316	132,624	182,737	315,350	4,148
	Establishments with:										
	90% or more specialization....	233	14,812	48,228	13,306	24,573	39,343	82,790	92,476	175,199	2,527
	75-89% specialization.....	23	3,518	14,324	2,722	5,379	8,814	14,662	40,595	55,448	537
22532-02	Knit outerwear shirts-manufacturers (primary product class of estab.)..	47	9,415	27,135	8,517	16,265	22,489	41,652	56,263	98,221	947
	Establishments with:										
	90% or more specialization....	23	2,630	7,429	2,435	4,574	6,258	11,760	16,445	28,096	(2)
	75-89% specialization.....	6	1,290	3,604	1,198	2,352	3,203	5,394	6,646	12,105	(2)
22533-02	All other knit outerwear products-manufacturers (primary product class of estab.).....	63	3,158	10,703	2,824	5,140	8,328	19,253	15,450	34,845	1,047
	Establishments with:										
	90% or more specialization....	46	1,131	3,914	1,013	1,843	3,172	6,812	5,086	11,979	(2)
	75-89% specialization.....	8	1,364	4,661	1,215	2,204	3,558	8,897	7,338	16,252	(D)
2253-03	KNIT OUTERWEAR MILLS-CONVERTERS (entire subindustry).....	146	4,004	20,659	2,091	3,845	6,453	56,696	183,294	240,140	584
	Establishments with:										
	90% or more specialization.....	137	3,353	17,318	1,847	3,361	5,761	48,918	158,179	207,326	538
	75-89% specialization.....	5	454	2,401	104	215	305	6,252	19,459	25,653	(D)
22531-03	Sweaters, knit jackets, and jerseys-converters (primary product class of estab.).....	124	3,121	16,341	1,689	3,093	5,235	41,826	148,158	190,165	514
	Establishments with:										
	90% or more specialization....	101	2,239	11,451	1,247	2,230	3,765	31,036	113,021	144,394	(2)
	75-89% specialization.....	4	136	714	82	159	264	1,656	6,211	7,841	(2)
22532-03	Knit outerwear shirts-converters (primary product class of estab.)..	7	377	1,719	303	547	885	5,734	11,219	16,945	(2)
22533-03	All other knit outerwear products-converters (primary product class of estab.).....	9	466	2,499	93	196	325	8,955	23,269	32,203	(D)
2254-02	KNIT UNDERWEAR MILLS-MANUFACTURERS (entire subindustry).....	122	26,168	76,263	23,048	42,586	60,403	128,570	142,405	269,325	5,148
	Establishments with:										
	90% or more specialization.....	90	15,066	42,649	13,649	25,026	34,763	70,265	82,738	152,370	3,513
	75-89% specialization.....	8	4,026	13,401	3,428	6,563	10,247	24,414	26,355	50,427	(2)
22541-02	Men's and boys' knit underwear-manufacturers (primary product class of estab.).....	57	15,279	45,783	13,271	24,674	35,610	70,770	83,284	153,442	3,834
	Establishments with:										
	90% or more specialization....	30	4,353	11,876	4,045	7,670	10,000	18,961	27,974	46,924	774
22542-02	Women's and children's knit underwear manufacturers (primary product class of estab.).....	43	7,793	21,793	7,021	12,744	17,487	39,268	43,869	82,088	633
	Establishments with:										
	90% or more specialization....	16	2,169	6,303	1,946	3,562	4,996	10,817	13,291	24,175	(2)
	75-89% specialization.....	8	2,035	5,482	1,888	3,558	4,736	9,176	11,877	20,785	(2)
22543-02	Women's and children's knit nightwear-manufacturers (primary product class of estab.).....	14	2,999	8,490	2,674	5,061	7,135	18,202	14,982	33,202	672
2256-02	KNIT FABRIC MILLS-MANUFACTURERS (entire subindustry).....	212	13,735	54,679	11,963	24,639	42,185	111,995	271,801	385,468	5,316
	Establishments with:										
	90% or more specialization.....	193	10,637	43,197	9,252	19,265	32,957	86,240	229,044	316,443	4,862
	75-89% specialization.....	5	934	4,049	841	1,732	3,522	8,951	16,429	25,168	(2)
22561-02	Warp knit fabrics-manufacturers (primary product class of estab.)..	94	6,196	25,067	5,388	11,304	19,286	54,083	135,986	190,914	2,757
	Establishments with:										
	90% or more specialization....	78	3,857	16,781	3,305	7,099	12,499	35,380	105,023	141,242	2,315
22562-02	Circular knit fabrics-manufacturers (primary product class of estab.)..	84	7,230	28,500	6,302	12,833	21,949	56,271	133,398	190,483	2,498
	Establishments with:										
	90% or more specialization....	66	5,314	20,785	4,627	9,441	15,692	42,156	104,456	147,036	1,958
	75-89% specialization.....	10	1,192	4,915	1,085	2,190	4,216	9,896	20,069	29,792	(2)
2256-03	KNIT FABRIC MILLS-CONVERTERS (entire subindustry).....	25	1,156	5,179	805	1,687	2,825	10,754	52,636	65,779	504
22562-03	Circular knit fabrics-converters (primary product class of estab.)..	16	485	2,730	273	535	1,122	7,457	28,889	36,952	(2)
	Establishments with:										
	90% or more specialization....	13	455	2,556	271	532	1,115	7,321	27,506	35,416	(2)
22590-02	Knitting mills, nec-manufacturers (primary product class of estab.)..	64	2,936	8,811	2,521	4,445	6,513	12,971	14,669	27,523	(2)
	Establishments with:										
	90% or more specialization....	46	1,822	5,586	1,586	2,796	4,084	8,004	9,010	16,954	(2)
	75-89% specialization.....	7	760	1,962	661	1,147	1,649	3,129	2,442	5,555	(2)

<sup>1</sup>Omitted because of duplication in value of products shipped. (See Text for this industry)<sup>2</sup>Less than \$500 thousand.



Table 9—Distribution of Shipments of Finished Full-Fashioned and Seamless Hosiery, by  
Class of Customer: 1958

Class of customer	Finished full-fashioned hosiery (22511)		Women's finished seamless hosiery (22521)		All other finished seamless hosiery (22522 and 22523)	
	Value (\$1,000)	Percent of total	Value (\$1,000)	Percent of total	Value (\$1,000)	Percent of total
Shipments by all establishments.....	220,574	xxx	176,852	xxx	324,780	xxx
Shipments by establishments reporting class of customer data, total.....	191,463	100	166,441	100	299,936	100
Retailers, total.....	132,829	69	101,777	61	147,584	49
Chain stores (except grocery) and mail order houses.....	45,121	23	45,479	27	95,629	32
Grocery chain stores and supermarkets.....	10,181	5	5,534	3	4,473	1
Independent retail apparel and accessory shops.....	16,804	9	11,599	7	14,675	5
Other independent retail stores.....	15,029	8	5,763	4	11,368	4
Department stores.....	45,694	24	33,402	20	21,439	7
All other transactions including shipments to wholesalers, distributors, direct export, interplant transfers, etc.....	58,634	31	64,664	39	152,352	51





# Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2261—Finishers of Broad Woven Fabrics of Cotton
- 2262—Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk
- 2269—Dyeing and Finishing Textiles, Not Elsewhere Classified

Textile fabric production processes may be grouped broadly into three stages: fiber preparation, yarn spinning and yarn dyeing; weaving, knitting, or braiding of yarns into gray or unfinished fabric; and bleaching, dyeing, or printing of gray fabric to produce finished goods ready for cutting. A textile "establishment," as the term is used in this report, comprises a building or group of buildings at a single location. Many textile establishments are engaged in two or more of the three major production processes, and some are also engaged in fabricating end-products such as towels, blankets, sheets, and pillowcases.

In classifying textile establishments by S.I.C. industry, preference was given to spinning, weaving, knitting, or fabricating as opposed to finishing. Thus, an integrated cotton mill producing finished cotton fabrics would be classified in S.I.C. 2211, Broad Woven Fabric Mills, Cotton, even though the end-product of the establishment was finished fabrics. Similarly, a nonweaving plant finishing fabrics and further fabricating these fabrics into sheets and pillowcases was classified in Industry 2392, Housefurnishings, N.E.C.

This report covers all nonintegrated finishing plants, except wool finishing, which are included in Industry 2231, Weaving and Finishing Mills, Wool, and finishers of knit products which are classified in Industry Group 225, Knitting Mills. The extent of integration at the establishment level and its effect on the shipments of the establishments covered in this report are indicated in tables 5B and 6A. These tables do not, however, show information regarding company integration as opposed to mill integration.

The establishments in these industries were asked to differentiate between goods processed for their own account and for the account of others. Many finishing establishments operated by integrated companies reported operations on company-owned materials as "on commission for the account of others"; the "others" in such cases being the division of the company which issued the finishing orders. Certain inquiries in the 1958 Census questionnaire were designed to distinguish between commission finishing for the parent company and for outside companies. These inquiries did not yield the expected results and, consequently, the statistics for both types of commission finishing are combined in this report.

Commission dyers and other commission finishers excluded the value of the material processed (fiber, yarn, or fabric) in both the "Cost of Materials," and the "Products Shipped" items. The total cost of materials for the industry, therefore, includes the cost of the goods fin-

ished only for establishments finishing for their own account. The "total value of shipments" of the industry is a composite figure including (for commission finishers) receipts for finishing and (for independent finishers) the value of the finished goods shipped or sold. In the 1947 Census of Manufactures, an attempt was made to resolve this problem by requesting independent finishers to report as "shipments" the "value added by finishing"—i.e., the margin between the cost of the gray goods and the value of the finished goods. This method was not employed in 1954 and later years because the 1947 experience indicated the plan was not practical.

The differentiation between the commission fabric finishers (including commission finishing for the parent company) and those that finish for their own account is made in table 8A which furnishes separate information for finishing plants that specialize in commission work and those that specialize in finishing their own goods.

A substantial amount of fabric, particularly synthetic fabric, is finished on commission for the account of textile converters who buy gray goods from the weaving mills, arrange to have the finishing done, and sell the finished cloth in the apparel or other markets. While the fabric is owned by the converter, the commission finisher usually supplies the dyestuffs and miscellaneous materials which are included in his cost of materials as reported in the Census. The converter establishment is classified in the wholesale trade industries and is excluded from the Census of Manufactures. However, such establishments reported in the 1958 Census of Business and data for textile converters are included in the Census of Business reports.

An annual survey of cotton, synthetic, and silk broad woven fabrics finished is conducted by the Bureau of the Census. In this survey, data on the quantity of fabrics finished are collected from finishing plants. For each of thirty-two classes of fabric, information is shown for the three major types of finished goods (whites, plain colors, and prints) by major end-use (apparel, household, and other). Separate data are also collected for the production of crease-resistant fabrics. These statistics are published in Current Industrial Reports Series M22S, Cotton, Silk, and Man-Made Fiber Woven Goods Finished. Because of the availability of this detailed report, product information relating to finished fabrics that was collected in the Census of Manufactures and shown in table 6A is limited to summary data.

## Revision in Industry Classifications

In the 1945 edition of the Standard Industrial Classification, plants finishing textile products, except wool and knit goods, were classified in old Industry 2261. The 1957 edition of the Standard Industrial Classification split out the three separate finishing industries shown in this report from old Industry 2261. In concept, the three new industries are directly comparable to the old industry. However, in table 1, which shows 1958 data on both the new and old S.I.C., old S.I.C. 2261 exceeds the combined totals of new S.I.C. 2261, 2262, and 2269 by 11 establishments having 348 employees. These plants were finishing textiles, except wool and knit goods, and also per-



forming other operations (as secondary activities) such as finishing wool yarns. The breakdown of the old S.I.C. 2261 finishing activities into three categories resulted in the secondary activity becoming the primary activity of the establishment in each case. Consequently, the 11 establishments, under the revised S.I.C., were classified outside the 226 Group and into such industries as 2231, Weaving and Finishing Mills, Wool, and 2282, Throwing and Winding Mills.

A major problem encountered in accomplishing the S.I.C. revision involved the questionnaires filed by 148 small finishing plants with a total of 2,991 employees and total value of shipments or commission receipts of \$44 million. These plants reported insufficient detail regarding products manufactured for the assignment of precise industry or product codes. All of these establishments were classified in the new S.I.C. Industry 2261. A post-tabulation review of some of these reports against other Census information and trade directories indicated that some of the plants are finishing both cotton and synthetic fabrics. Some of these plants, in addition to finishing fabrics, also finished yarns and other textile material. To the extent that these plants were not primarily finishing cotton fabrics, data for Industry 2261 may be overstated, while data for Industries 2262 and 2269 may be understated. The total value of shipments for these plants is published in tables 5B and 6A as "Finishing receipts, n.s.k." (code 2261000).

Other plants reported an additional \$10 million of finishing receipts which could not be properly classified. These receipts were also included with the code 2261000. Therefore, in total, almost \$55 million of products or commission receipts are included as a "not specified by kind" product for Industry 2261. An unknown, but probably significant part of this total, should have been included with synthetic fabrics, code 2262-, or other textiles, code 2269-.

#### 2261—Finishers of Broad Woven Fabrics of Cotton

This industry comprises establishments primarily engaged in finishing purchased cotton broad woven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering and napping. This industry also includes the shrinking and sponging of cloth for the trade, and the chemical finishing for water-repellency, fire-resistance, and mildew-proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295. For a detailed list of products of Industry 2261, refer to table 6A, product codes 2261711 to 2261971.

This is a new industry as defined in the 1957 edition of the Standard Industrial Classification. See "Revision in Industry Classifications" above for a description of the industry changes and limitations in the resulting data.

Value of shipments and other receipts of the Finishing Plants, Cotton, Industry in 1958 totaled \$686 million. This included shipments of finished cotton fabrics and commission receipts for finishing cotton fabrics (primary products), valued at \$571 million, shipments of other products (secondary products), valued at \$97 million, and miscellaneous receipts of \$18 million.

This industry's shipments of finished cotton fabrics, including commission finishing (primary products) in 1958

represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 included finished man-made fiber and silk fabrics, \$30 million.

Industry 2261 shipments of finished cotton fabrics, including commission finishing, in 1958 represented 57 percent (coverage ratio) of these products valued at \$1,008 million shipped by all industries. However, finished cotton fabrics made in cotton weaving mills are also primary to Industry 2211. That industry shipped \$393 million of finished cotton fabrics. The combined coverage ratio, including both industries to which these products are primary, is 96 percent.

#### 2262—Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk

This industry comprises establishments primarily engaged in finishing purchased man-made fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse); and other mechanical finishing such as preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295. For a detailed list of products of Industry 2262, refer to table 6A, product codes 2262811 to 2262961.

This is a new industry as defined in the 1957 edition of the Standard Industrial Classification. See "Revision in Industry Classifications" above for a description of the industry changes and limitations in the resulting data.

Value of shipments and other receipts of the Finishing Plants, Synthetics, Industry in 1958 totaled \$211 million. This included shipments of finished synthetic and silk fabrics and commission receipts for such finishing (primary products), valued at \$191 million, shipments of other products (secondary products), valued at \$15 million, and miscellaneous receipts of \$4 million.

This industry's shipments of finished synthetic and silk fabrics, including commission finishing (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary).

Industry 2262 shipments of finished synthetic and silk fabrics, including commission finishing (primary products) in 1958 represented 54 percent (coverage ratio) of these products valued at \$353 million shipped by all industries. However, finished synthetic and silk fabrics made in synthetic fabric weaving mills are also primary to Industry 2221. That industry shipped \$110 million of finished synthetic and silk fabrics. Therefore, the combined coverage ratio, including both industries to which these products are primary, is 85 percent.

#### 2269—Dyeing and Finishing Textiles, Not Elsewhere Classified

This industry comprises establishments primarily engaged in dyeing and finishing textiles, n.e.c., such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool. These establishments perform finishing operations on purchased textiles or on a commission basis. For a detailed list of products of Industry 2269, refer to table 6A, product codes 2269012 to 2269071.



This is a new industry as defined in the 1957 edition of the Standard Industrial Classification. See "Revision in Industry Classifications" above for a description of the industry changes and limitations in the resulting data.

Value of shipments and other receipts of the Finishing Plants, N.E.C., Industry in 1958 totaled \$158 million. This included shipments of finished yarn, raw stock, and narrow fabrics, except wool (primary products), valued at \$117 million, shipments of other products (secondary products), valued at \$7 million, and miscellaneous receipts (mainly commission finishing of yarn, raw stock, etc.) of \$34 million.

This industry's shipments of finished yarn, raw stock,

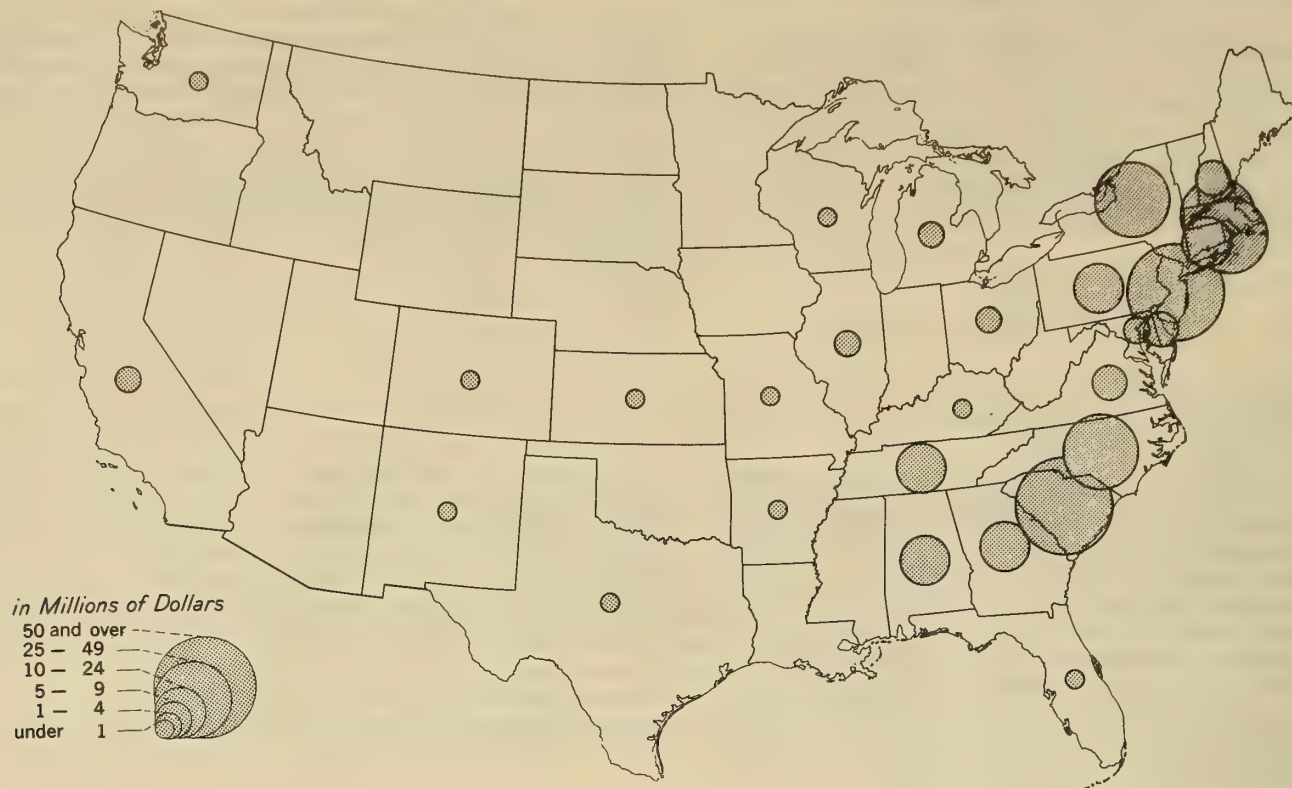
and narrow fabrics, except wool (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary).

Industry 2269 shipments of finished yarn, raw stock, and narrow fabrics (primary products) in 1958 represented 73 percent (coverage ratio) of these products valued at \$160 million shipped by all industries. However, finished yarns, except wool, made in Industry 2281, Yarn Mills, Except Wool, are also primary to that industry. Industry 2281 shipments of finished yarns amounted to \$27 million. Therefore, the combined coverage ratio, including both industries to which finished yarn is primary, is 90 percent.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS: SIC 226

Value Added by Manufacture by State: 1958



Includes Industries 2261, 2262 and 2269. See Table 2.

Bureau of the Census, M-58-D226



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>2</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expend- itures, new	Spec- ial- iza- tion ratio <sup>4</sup>	Cov- er- age ratio <sup>5</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2261	Finishing plants, cotton: <sup>6</sup> 1958.....	426	446	174	49,212	189,866	42,105	86,510	149,247	289,115	399,077	686,237	15,662	85	57
2262	Finishing plants, synthetics: <sup>6</sup> 1958.....	185	197	132	16,185	74,297	13,650	29,296	57,615	114,825	95,261	210,568	3,607	93	54
2269	Finishing plants, nec: <sup>6</sup> 1958.....	149	155	79	7,808	28,814	6,818	13,729	22,496	52,005	105,719	158,033	2,117	95	73
2261	Finishing textiles, except wool (old SIC): <sup>6</sup>														
	1953.....	(NA)	809	393	73,553	294,372	62,859	130,114	230,278	457,962	601,613	1,058,411	21,610	(NA)	(NA)
	1957.....	(NA)	(NA)	(NA)	77,965	301,722	66,736	133,986	235,812	454,070	573,895	1,033,224	(S)	(NA)	(NA)
	1956.....	(NA)	(NA)	(NA)	79,077	305,433	67,809	141,745	236,750	479,033	583,724	1,062,683	30,776	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	82,532	316,025	71,317	152,789	248,710	505,373	601,663	1,112,987	27,144	(NA)	(NA)
	1954.....	680	725	403	79,308	292,324	68,485	142,839	228,262	462,365	538,568	1,003,279	21,900	(NA)	(NA)
	1953.....	(NA)	(NA)	(NA)	82,552	298,274	72,384	150,349	238,306	478,972			25,809	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	83,185	297,402	72,697	156,262	238,111	456,123			29,992	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	81,019	273,080	70,731	146,387	214,830	417,986	(7)	(7)	31,546	(NA)	(NA)
	1947.....	599	641	408	77,985	218,933	69,035	148,266	176,094	359,270			29,668	(NA)	(NA)
	1939.....	(NA)	468	(NA)	68,460	82,289	60,237	(NA)	61,745	130,695	140,472	271,167	(NA)	(NA)	(NA)
	1937 <sup>8</sup> .....	(NA)	442	(NA)	(NA)	(NA)	61,552	(NA)	64,220	116,458	88,633	205,091	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years the figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." For old Industry 2261, unadjusted value added for 1954 was \$464,165 thousand; cost of materials excluding cost of resales, for 1954 was \$533,979 thousand and value of shipments excluding values of resales for 1954 was \$998,144 thousand.<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.<sup>6</sup>The three finishing Industries 2261, 2262, and 2269 were formerly combined in one industry, old SIC Code 2261, Finishing Textiles, Except Wool. Therefore, comparable data for 1957 and earlier years are available only as shown above for old SIC 2261. The 1958 data for old SIC 2261 are greater than the sum of the three new industries by 11 establishments having 348 employees. These plants were finishing textiles except wool and also performing other operations such as finishing wool yarn. The breakdown of the old SIC 2261 finishing activities into three categories resulted in the secondary product becoming the primary activity of the establishment in each case. Consequently, the 11 establishments were coded outside the 226 Group.<sup>7</sup>For the years 1947-1953, finishing plants not operating on commission, in effect reported as commission plants by excluding the gray goods cost from their cost of materials and value of shipments. The shipments data were, therefore, equal to the value added by finishing. For other years, finished fabric shipments were reported at their market value and the gray goods cost was included in the cost of materials.<sup>8</sup>Comparable data are not available for prior years.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2261	Finishing plants, cotton, total.....	446	174	49,212	189,866	42,105	86,510	149,247	289,115	686,237	15,662	(3)	(3)	(3)
	New England.....	80	52	11,337	47,862	9,608	20,075	37,476	63,464	130,421	3,025	(3)	(3)	(3)
	Massachusetts...	35	22	4,898	20,274	4,258	8,880	16,514	31,125	65,631	1,987	(3)	(3)	(3)
	Rhode Island....	23	16	4,393	18,758	3,656	7,348	14,548	21,256	38,710	713	(3)	(3)	(3)
	Middle Atlantic...	247	65	7,608	33,775	6,517	13,318	26,701	52,759	97,673	2,528	(3)	(3)	(3)
	New York.....	166	29	2,944	11,908	2,475	4,885	9,197	22,248	46,172	1,296	(3)	(3)	(3)
	New Jersey.....	60	28	3,608	17,073	3,139	6,604	13,890	24,866	40,411	923	(3)	(3)	(3)
	Pennsylvania....	21	8	1,056	4,794	903	1,829	3,614	5,645	11,090	(2)	(3)	(3)	(3)
	East North Central	18	3	209	910	171	341	677	1,597	3,003	(2)	(3)	(3)	(3)
	Ohio.....	5	2	127	622	103	217	466	912	1,942	(2)	(3)	(3)	(3)
	West North Central	7	2	159	612	129	263	417	858	1,404	(2)	(3)	(3)	(3)
	South.....	72	45	29,514	105,125	25,371	51,946	82,884	167,623	448,730	9,966	(3)	(3)	(3)
	New York.....	22	10	5,308	18,761	4,447	8,827	13,799	25,829	46,549	2,355	(3)	(3)	(3)
	North Carolina..	20	18	17,657	63,723	15,415	31,944	52,263	108,351	338,317	5,649	(3)	(3)	(3)
	South Carolina..	20	18	17,657	63,723	15,415	31,944	52,263	108,351	338,317	5,649	(3)	(3)	(3)
	West.....	22	7	385	1,582	309	567	1,092	2,814	5,006	(2)	(3)	(3)	(3)
2262	Finishing plants, synthetics, total..	197	132	16,185	74,297	13,650	29,296	57,615	114,825	210,568	3,607	(3)	(3)	(3)
	New England.....	32	26	3,466	15,222	3,003	6,620	12,070	25,024	38,538	917	(3)	(3)	(3)
	Massachusetts...	15	12	1,512	6,965	1,237	2,853	5,223	12,281	18,901	(2)	(3)	(3)	(3)
	Connecticut.....	8	6	969	4,086	877	1,903	3,492	6,357	10,065	(2)	(3)	(3)	(3)
	Middle Atlantic...	141	89	9,695	47,621	8,362	17,827	38,038	70,125	118,341	1,759	(3)	(3)	(3)
	New York.....	56	23	1,712	8,720	1,470	3,182	6,829	13,040	25,187	(2)	(3)	(3)	(3)
	New Jersey.....	77	59	7,176	35,282	6,238	13,315	28,444	51,942	84,918	995	(3)	(3)	(3)
	Pennsylvania....	8	7	807	3,619	654	1,330	2,765	5,143	8,236	(2)	(3)	(3)	(3)
	East North Central	4	1	66	255	50	103	179	475	930	(2)	(3)	(3)	(3)
	South Atlantic....	16	15	2,876	10,768	2,173	4,614	7,054	18,451	51,221	853	(3)	(3)	(3)
	West.....	4	1	82	431	62	132	274	750	1,538	(2)	(3)	(3)	(3)
2269	Finishing plants, nec, total.....	155	79	7,808	28,814	6,818	13,729	22,496	52,005	158,033	2,117	(3)	(3)	(3)
	New England.....	19	14	1,110	3,974	948	1,875	3,030	5,494	11,640	(2)	(3)	(3)	(3)
	Massachusetts...	6	4	230	829	204	424	663	1,373	3,837	(2)	(3)	(3)	(3)
	Middle Atlantic...	86	34	2,843	12,095	2,369	4,798	9,192	21,117	50,409	1,001	(3)	(3)	(3)
	New York.....	35	9	603	2,950	506	1,083	2,201	5,172	11,259	(2)	(3)	(3)	(3)
	New Jersey.....	27	9	915	3,722	723	1,452	2,788	5,740	16,468	(2)	(3)	(3)	(3)
	Pennsylvania....	24	16	1,325	5,423	1,140	2,263	4,203	10,205	22,682	(2)	(3)	(3)	(3)
	East North Central	11	6	616	2,627	528	1,071	1,691	4,346	8,408	(2)	(3)	(3)	(3)
	Illinois.....	5	3	300	1,273	258	535	791	2,099	4,055	(2)	(3)	(3)	(3)
	South.....	35	24	3,195	9,954	2,943	5,935	8,478	20,577	86,972	734	(3)	(3)	(3)
	Pacific.....	4	1	44	164	30	50	105	471	604	(2)	(3)	(3)	(3)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2261, Finishing Plants, Cotton: New England—New Hampshire, 5 (500-999); Connecticut, 17 (1,000-2,499); East North Central—Illinois, 10 (20-99); Michigan, 1 (1-19); Wisconsin, 2 (1-19); West North Central—Missouri, 6 (100-249); Kansas, 1 (1-19); South—Delaware, 1 (1,000-2,499); Maryland, 2 (20-99); Virginia, 2 (500-999); Georgia, 9 (1,000-2,499); Florida, 3 (1-19); Kentucky, 2 (20-99); Tennessee, 3 (500-999); Alabama, 4 (1,000-2,499); Arkansas, 1 (100-249); Texas, 3 (1-19); West—Colorado, 1 (1-19); New Mexico, 1 (1-19); Pacific—Washington, 1 (1-19); California, 19 (250-499).

SIC 2262, Finishing Plants, Synthetics: New England—New Hampshire, 1 (100-249); Rhode Island, 8 (500-999); East North Central—Ohio, 2 (20-99); Illinois, 2 (20-99); South Atlantic—Maryland, 2 (20-99); Virginia, 4 (500-999); North Carolina, 8 (1,476); South Carolina, 2 (250-499); West—Colorado, 1 (1-19); California, 3 (20-99).

SIC 2269, Finishing Plants, NEC: New England—New Hampshire, 1 (1-19); Rhode Island, 9 (500-999); Connecticut, 3 (100-249); East North Central—Ohio, 4 (100-249); Michigan, 1 (100-249); Wisconsin, 1 (20-99); South—Maryland, 2 (20-99); North Carolina, 19 (1,365); South Carolina, 3 (250-499); Georgia, 3 (250-499); Florida, 2 (1-19); Tennessee, 4 (500-999); Alabama, 1 (20-99); Texas, 1 (1-19); Pacific—California, 4 (20-99).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 2A and text of this report).



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- penditures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2261	Finishing textiles, except wool, total <sup>2</sup>	809	393	73,553	294,372	62,859	130,114	230,278	457,962	1,058,411	21,610	79,308	464,165	77,985
	New England.....	134	95	16,032	67,551	13,659	28,769	52,917	94,685	181,697	4,168	21,398	130,424	22,748
	New Hampshire...	7	5	1,142	4,673	1,016	2,378	3,633	6,160	16,911	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Massachusetts...	57	39	6,672	28,235	5,725	12,217	22,526	45,055	88,816	2,328	8,153	51,278	9,498
	Rhode Island....	42	33	6,032	24,990	5,084	10,191	19,363	30,038	52,559	981	8,878	49,796	9,019
	Connecticut.....	28	18	2,186	9,653	1,834	3,983	7,395	13,432	23,411	654	3,428	24,720	3,839
	Middle Atlantic...	480	191	20,286	94,104	17,357	36,174	74,314	144,886	267,672	5,329	23,487	151,151	29,269
	New York.....	260	62	5,311	23,810	4,491	9,241	18,392	40,798	83,103	1,862	6,075	41,463	8,020
	New Jersey.....	165	96	11,702	56,085	10,103	21,376	45,130	82,562	141,815	2,320	13,462	89,111	15,448
	Pennsylvania....	55	33	3,273	14,209	2,763	5,557	10,792	21,526	42,754	1,147	3,949	20,576	5,801
	East North Central	33	10	891	3,792	749	1,515	2,547	6,418	12,341	( <sup>3</sup> )	1,084	6,101	(D)
	Ohio.....	11	4	292	1,293	236	496	902	1,801	4,004	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	West North Central	7	2	159	612	129	263	417	858	1,404	( <sup>3</sup> )	271	874	(D)
	South.....	124	85	35,640	125,972	30,537	62,595	98,526	206,926	587,738	11,722	32,546	171,448	24,098
	Virginia.....	6	6	1,586	5,847	1,286	2,741	4,283	8,631	15,174	( <sup>3</sup> )	3,430	14,517	1,494
	North Carolina..	49	32	8,149	28,122	6,779	13,566	20,448	41,778	116,434	3,125	7,578	36,884	5,006
	South Carolina..	25	23	18,447	66,458	16,116	33,403	54,450	113,290	347,512	5,840	13,740	79,556	9,445
	Georgia.....	13	9	2,296	6,707	2,081	4,157	5,834	11,132	24,816	745	2,327	9,503	1,766
	Tennessee.....	7	5	1,777	6,093	1,561	3,216	5,025	12,509	42,713	( <sup>3</sup> )	1,810	13,496	2,204
	Alabama.....	5	4	1,795	6,071	1,561	3,124	4,375	11,139	25,699	770	1,884	7,897	(D)
	West.....	31	10	545	2,341	428	798	1,557	4,189	7,559	( <sup>3</sup> )	519	4,165	548

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2261, Finishing Textiles, Except Wool: East North Central—Illinois, 17 (250-499); Michigan, 2 (100-249); Wisconsin, 3 (20-99); West North Central—Missouri, 6 (100-249); Kansas, 1 (1-19); South—Delaware, 1 (1,000-2,499); Maryland, 6 (100-249); Florida, 5 (20-99); Kentucky, 2 (20-99); Arkansas, 1 (100-249); Texas, 4 (1-19); West—Colorado, 2 (1-19); New Mexico, 1 (1-19); Washington, 1 (1-19); California, 27 (500-999).

<sup>2</sup>Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

Table 3.-Detailed Statistics for the United States: 1958

Item	Finishing plants, cotton (SIC 2261)	Finishing plants, synthetics (SIC 2262)	Finishing plants, nec (SIC 2269)
Primary product specialization ratio <sup>1</sup> .....	85	93	95
Coverage ratio <sup>2</sup> .....	57	54	73
Number of establishments, total.....	446	197	155
With 1-19 employees.....	272	65	76
With 20-99 employees.....	89	80	55
With 100 employees or more.....	85	52	24
Proprietors and working partners..... Number..	144	26	38
All employees:			
Number (average for the year).....	49,212	16,185	7,808
Payroll.....\$1,000..	189,866	74,297	28,814
Production workers:			
Number (average for the year).....	42,105	13,650	6,818
March.....	42,321	13,525	6,594
May.....	42,169	12,906	6,669
August.....	41,789	13,803	7,004
November.....	42,141	14,366	7,005
Man-hours.....\$1,000..	86,510	29,296	13,729
January-March.....do...	21,774	7,248	3,277
April-June.....do...	21,978	7,053	3,410
July-September.....do...	20,531	6,895	3,422
October-December.....do...	22,227	8,100	3,620
Wages.....\$1,000..	149,247	57,615	22,496
Cost of materials, etc., total.....do...	399,077	95,261	105,719
Materials, parts, containers, and supplies consumed.....do...	365,018	82,414	99,519
Cost of resales.....do...	1,444	240	1,218
Fuels consumed.....do...	17,744	7,435	2,076
Electricity purchased.....do...	4,588	2,719	1,317
Contract work.....do...	10,283	2,453	1,589
Value of shipments (including resales), total.....do...	686,237	210,568	158,033
Value of resales.....do...	2,208	330	1,351
Value added by manufacture, adjusted.....do...	289,115	114,825	52,005
Manufacturers' inventories:			
Beginning of year, total.....do...	52,514	11,222	15,315
Finished products.....do...	11,252	2,219	4,922
Work-in-process.....do...	12,574	2,707	4,393
Materials, supplies, fuel, etc.....do...	28,688	6,296	6,000
End of year, total.....do...	54,591	10,541	14,563
Finished products.....do...	12,027	2,021	4,743
Work-in-process.....do...	13,754	2,423	4,263
Materials, supplies, fuel, etc.....do...	28,810	6,097	5,557
Expenditures for plant and equipment, total.....do...	17,817	4,738	2,355
New, total.....do...	15,662	3,607	2,117
New structures and additions to plant.....do...	2,884	739	200
New machinery and equipment.....do...	12,778	2,868	1,917
Used plant and equipment.....do...	2,155	1,131	238

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									1,000-2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees			
2261	Finishing plants, cotton:												
	Number of establishments.....	446	124	73	75	57	32	31	23	25	4	2	
	All employees:												
	Number.....	49,212	294	478	1,050	1,931	2,166	5,097	7,795	17,842	12,559	(D)	
	Payroll.....\$1,000..	189,866	1,099	1,797	4,296	8,004	9,333	21,917	31,531	65,874	46,015	(D)	
	Value added, adjusted..do....	289,115	3,042	4,246	6,563	13,849	14,103	29,555	47,297	98,960	71,500	(D)	
	Value of shipments.....do....	686,237	7,194	8,855	15,242	25,252	26,889	57,162	116,286	176,188	253,169	(D)	
	Capital expend., new...do....	15,662	(1)	779	(1)	(1)	644	1,761	2,105	5,872	3,568	(D)	
2262	Finishing plants, synthetics:												
	Number of establishments.....	197	23	17	25	34	46	39	10	3	...	...	
	All employees:												
	Number.....	16,185	52	119	334	1,153	3,243	6,043	3,536	1,705	...	...	
	Payroll.....\$1,000..	74,297	243	579	1,811	5,129	15,828	27,913	14,919	7,875	...	...	
	Value added, adjusted..do....	114,825	306	842	3,172	7,813	25,948	43,618	22,662	10,464	...	...	
	Value of shipments.....do....	210,568	2,179	1,855	8,876	11,741	48,227	72,122	47,890	17,678	...	...	
	Capital expend., new...do....	3,607	(1)	(1)	(1)	(1)	537	1,754	643	(1)	...	...	
2269	Finishing plants, nec:												
	Number of establishments.....	155	18	25	33	36	19	19	5	...	...	...	
	All employees:												
	Number.....	7,808	39	174	449	1,171	1,275	4,700	(D)	...	...	...	
	Payroll.....\$1,000..	28,814	163	709	1,989	4,641	4,551	16,761	(D)	...	...	...	
	Value added, adjusted..do....	52,005	846	1,097	3,547	8,595	8,930	28,990	(D)	...	...	...	
	Value of shipments.....do....	158,033	2,030	6,220	6,953	20,325	23,802	98,703	(D)	...	...	...	
	Capital expend., new...do....	2,117	(1)	(1)	(1)	531	(1)	781	(D)	...	...	...	

Note: Detailed figures may not add to the totals because of independent rounding.  
<sup>1</sup>Less than \$500 thousand.

<sup>R</sup>Revised.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
						Col. B Col. B+C (percent)				Col. G Col. F (percent)
						(\$1,000)				(\$1,000)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
2261	Finishing plants, cotton.....1958 <sup>3</sup> .	686,237	570,690	97,462	18,085	85	1,008,137	570,690	437,447	<sup>4</sup> 57
2262	Finishing plants, synthetics....1958 <sup>3</sup> .	210,568	191,123	15,477	3,968	93	353,080	191,123	161,957	<sup>5</sup> 54
2269	Finishing plants, nec.....1958 <sup>3</sup> .	158,033	117,439	6,601	33,993	95	159,941	117,439	42,502	<sup>6</sup> 73

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Comparable 1954 data are not available because the three finishing industries included in this report were formerly combined in one industry.

<sup>4</sup>Included in this industry are finished cotton broad woven fabrics (except commission finishing) which are also primary to Industry 2211, Weaving Mills, Cotton. A coverage ratio computed on the basis of including both industries to which finished cotton broad woven fabrics are primary would total 96 percent.

<sup>5</sup>Included in this industry are finished synthetic fabrics (except commission finishing) which are also primary to Industry 2221, Weaving Mills Synthetics. A coverage ratio computed on the basis of including both industries to which finished synthetic fabrics are primary would total 85 percent.

<sup>6</sup>Included in this industry are finished yarns except wool which are also primary to Industry 2281, Yarn Mills, Except Wool. A coverage ratio computed on the basis of including both industries to which finished yarns, except wool, are primary would total 90 percent.

## MANUFACTURES-INDUSTRY STATISTICS

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Finishing plants, cotton	Finishing plants, cotton (SIC 2261)	Weaving mills, cotton (SIC 2211)	Other industries	All industries
22117 22617 22619 22610  2262-	Total shipments and receipts of the industry.....	686,237	xxx	xxx	xxx
	Primary products.....	570,690	405,279	32,168	1,008,137
	Finished cotton broad woven fabrics.....	185,293	393,309	121,588	600,190
	Commission finishing of cotton broad woven fabrics.....	331,791	11,970	29,359	353,120
	Finishing receipts, nsk.....	53,606	...	1,221	54,827
	Secondary products.....	97,462	xxx	xxx	xxx
	Finished man-made fiber broad woven fabrics, including commission finishing of such fabrics.....	29,702	xxx	xxx	xxx
	Other secondary products.....	67,760	xxx	xxx	xxx
	Miscellaneous receipts.....	18,085	xxx	xxx	xxx
	Commission receipts for work done for others:				
	For finishing yarn, raw stock, and narrow fabrics, except wool or knit.....	1,771	xxx	xxx	xxx
	For commission work other than finishing operations specified above, and commission receipts, nsk.....	6,242	xxx	xxx	xxx
	Sale of products bought and resold without further manufacture.....	2,208	xxx	xxx	xxx
	Sale of scrap and waste, and other receipts.....	7,864	xxx	xxx	xxx
Prod. class code	Finishing plants, synthetics	Finishing plants, synthetics (SIC 2262)	Other industries	All industries	
22218 22628 22629 22620  22619	Total shipments and receipts of the industry.....	210,568	xxx	xxx	
	Primary products.....	191,123	161,957	353,080	
	Finished man-made fiber and silk broad woven fabrics.....	25,135	4132,422	157,557	
	Commission finishing of man-made fiber and silk broad woven fabrics.....	159,985	529,535	189,520	
	Finishing man-made fiber and silk broad woven fabrics, nsk.....	6,003	...	6,003	
	Secondary products.....	15,477	xxx	xxx	
	Commission finishing of cotton broad woven fabrics.....	7,204	xxx	xxx	
	Other products.....	8,273	xxx	xxx	
	Miscellaneous receipts.....	3,968	xxx	xxx	
	Sales of products bought and resold without further manufacture.....	330	xxx	xxx	
	Other receipts, primarily from the sale of waste.....	3,638	xxx	xxx	
Prod. class code	Finishing plants, nec	Finishing plants, nec (SIC 2269)	Other industries	All industries	
22690	Total shipments and receipts of the industry.....	158,033	xxx	xxx	
	Finished yarn, raw stock, and narrow fabrics, except wool.....	117,439	642,502	159,941	
	Secondary products.....	6,601	xxx	xxx	
	Miscellaneous receipts.....	33,993	xxx	xxx	
	Receipts for commission finishing of yarn, raw stock, and narrow fabrics, except wool.....	32,548	xxx	xxx	
	Products bought and resold without further manufacture.....	1,351	xxx	xxx	
	Other receipts.....	94	xxx	xxx	

<sup>1</sup>Includes shipments of \$7,780 thousand from Industry 2221, Weaving Mills, Synthetics. In addition, the following industries had shipments of more than \$2 million: Industry 2299, Textile Goods, NEC, and Industry 2392, Housefurnishings, NEC. The exact figures are withheld to avoid disclosing individual company data.

<sup>2</sup>Includes \$7,204 thousand shipped by Industry 2262, Finishing Plants, Synthetics.

<sup>3</sup>Includes shipments of the following product classes each of which totaled more than \$2 million: 22690, Finished yarn, raw stock, and narrow fabrics, except wool; 2295-, Coated fabrics, except rubberized; 2392-, Housefurnishings, except curtains and draperies; and 2399-, Textile products, nec. The exact figures are withheld to avoid disclosing individual company data.

<sup>4</sup>Includes shipments of \$11,799 thousand from Industry 2211, Weaving Mills, Cotton, and \$109,601 thousand from Industry 2221, Weaving Mills, Synthetics. Also includes more than \$5 million shipped by Industry 2261, Finishing Plants, Cotton. The exact figure is withheld to avoid disclosing information for individual companies.

<sup>5</sup>Includes more than \$5 million shipped by Industry 2261, Finishing Plants, Cotton.

<sup>6</sup>Includes shipments of \$26,758 thousand from Industry 2281, Yarn Mills, Except Wool. The following industries each had shipments of more than \$2 million, but the exact figures are withheld to avoid disclosing individual company data: Industries 2211, Weaving Mills, Cotton; 2261, Finishing Plants, Cotton; and 2299, Textile Goods, NEC.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958				1954		
		Total production (1,000 fin. lin. yds.)	Total shipments including inter-plant transfers		Produced and consumed in same establishment (1,000 fin. lin. yds.)	Total production (1,000 fin. lin. yds.)	Total shipments including inter-plant transfers	
			Quantity (1,000 fin. lin. yds.)	Value (\$1,000)			Quantity (1,000 fin. lin. yds.)	Value (\$1,000)
2261--- 22117--	Finished cotton broad woven fabrics (including commission receipts for job finishing).....	xxx	xxx	<sup>1</sup> 1,008,137	xxx	xxx	xxx	<sup>1</sup> 903,211
22117-- 22617--	Finished cotton broad woven fabrics (excluding commission finishing).....	<sup>2</sup> 2,988,334	<sup>3</sup> 1,916,626	600,190	<sup>3</sup> 1,023,880	<sup>2</sup> 2,978,101	<sup>3</sup> 2,070,033	581,384
22117 22617	Finished in weaving mills, cotton.....	<sup>2</sup> 1,520,956	<sup>3</sup> 1,048,298	393,309	} 1,023,880 {	(NA)	(NA)	374,662
	Finished in other industries.....	<sup>2</sup> 1,467,378	<sup>3</sup> 868,328	206,881		(NA)	(NA)	206,722
2211711 2261711	Bleached and white finished.....	<sup>2</sup> 1,947,466	1,051,684	262,075	866,884	2,000,611	1,272,606	230,137
2211751 2261751	Plain dyed and finished.....	<sup>2</sup> 880,187	676,587	269,213	(D)	838,468	605,980	291,905
2211751 2261751	Printed and finished.....	<sup>2</sup> 160,681	188,355	59,114	(D)	139,022	191,447	59,342
2211761 2261761	Other finished cotton fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.) not bleached, dyed, or printed at the same establishment.....	(NA)	(NA)	3,616	(NA)	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
2211700 2261700	Finished cotton broad woven fabrics, nsk.....	xxx	xxx	6,172	xxx	xxx	xxx	...
22619--	Commission finishing of cotton broad woven fabrics...	<sup>2</sup> 4,352,705	<sup>3</sup> 4,288,769	<sup>1</sup> 353,120	51,198	4,429,247	(NA)	<sup>5</sup> 321,827
2261911 2261951 2261951 2261971	Bleached and white finished.....	<sup>2</sup> 1,240,663	1,206,593	54,984	34,126	1,178,978	} (NA)	<sup>5</sup> 321,827
	Plain dyed and finished.....	<sup>2</sup> 1,471,830	1,434,556	135,437	17,072	1,469,836		
	Printed and finished.....	<sup>2</sup> 1,640,212	1,647,620	152,124	...	1,780,433		
	Other finished cotton fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.) not bleached, dyed, or printed at the same establishment.....	69,902	69,926	5,192	...	(NA)	(NA)	(NA)
2261900	Commission finishing of cotton broad woven fabrics, nsk.....	xxx	xxx	5,383	...	...	...	...
2261000	Finishing receipts, nsk <sup>6</sup> .....	xxx	xxx	54,827	...	...	...	...
2262--- 22218--	Finished man-made fiber and silk broad woven fabrics...	xxx	xxx	<sup>1</sup> 353,080	xxx	xxx	xxx	<sup>1</sup> 335,813
22218-- 22628--	Finished man-made fiber and silk broad woven goods (excluding commission finishing).....	<sup>2</sup> 172,585	<sup>3</sup> 148,300	157,557	<sup>2</sup> 26,775	<sup>2</sup> 124,662	<sup>3</sup> 150,747	133,390
22218-- 22628--	Finished in weaving mills, synthetic.....	<sup>r</sup> 296,090	<sup>r</sup> 77,779	<sup>r</sup> 109,601	23,844	(NA)	(NA)	(NA)
	Finished in other industries.....	<sup>r</sup> 276,495	<sup>r</sup> 70,521	<sup>r</sup> 47,956	2,931	(NA)	(NA)	(NA)
2221811 2262811	Bleached and white finished:							
2221811 2262811	Rayon and/or acetate.....	<sup>2</sup> 7,955	9,049	3,034	(D)	33,487	32,704	8,799
2221815 2262815	Other broad woven fabrics of man-made fibers or silk.....	<sup>2</sup> 32,105	30,965	12,592	...	9,254	9,781	4,969
2221831 2262831	Plain dyed and finished:							
2221831 2262831	Rayon and/or acetate.....	<sup>2</sup> 78,932	57,941	74,972	(D)	36,983	55,833	56,001
2221835 2262835	Other broad woven fabrics of man-made fibers or silk.....	<sup>2</sup> 44,871	42,430	47,717	(D)	37,360	43,672	35,867
2221851 2262851	Printed and finished:							
2221851 2262851	Rayon and/or acetate.....	<sup>2</sup> 3,262	2,706	4,024	(D)	5,056	3,964	1,550
2221855 2262855	Other broad woven fabrics of man-made fibers or silk.....	<sup>2</sup> 5,460	5,209	6,590	(D)	2,522	4,793	10,544
2221861 2262861	Other finished man-made fiber fabrics, not bleached, dyed, or printed at the establishment (flameproofed, mildewproofed, mercerized, embossed, etc.).....	(NA)	(NA)	6,633	xxx	<sup>4</sup> 56,579	<sup>4</sup> 47,922	<sup>4</sup> 15,660
2262800	Finished man-made fiber and silk fabrics (excluding commission finishing), nsk.....	xxx	xxx	1,995	xxx	xxx	xxx	xxx
22629--	Commission finishing of man-made fiber and silk broad woven goods.....	<sup>2</sup> 1,915,274	<sup>3</sup> 1,901,327	<sup>1</sup> 189,520	3,790	2,063,037	(NA)	<sup>7</sup> 202,423
2262911 2262915	Bleached and white finished:							
	Rayon and/or acetate.....	<sup>2</sup> 131,242	150,696	6,366	xxx	85,584	} (NA)	<sup>7</sup> 202,423
	Other broad woven fabrics of man-made fibers and silk.....	<sup>2</sup> 121,208	117,347	9,851	(D)	68,513		
2262931 2262935	Plain dyed and finished:							
	Rayon and/or acetate.....	<sup>2</sup> 970,588	950,320	88,416	(D)	1,279,523	} (NA)	<sup>7</sup> 202,423
	Other broad woven fabrics of man-made fibers and silk.....	<sup>2</sup> 407,388	403,150	35,398	xxx	319,444		
2262951 2262955	Printed and finished:							
	Rayon and/or acetate.....	<sup>2</sup> 169,967	157,840	25,865	xxx	231,914	} (NA)	<sup>7</sup> 202,423
	Other broad woven fabrics of man-made fibers and silk.....	<sup>2</sup> 94,462	101,555	12,099	xxx	78,059		

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958				1954		
		Total production	Total shipments including inter-plant transfers		Produced and consumed in same establishment	Total production	Total shipments including inter-plant transfers	
			Quantity	Value			Quantity	Value
2262--- 22218-- 22629--	Finished man-made fiber and silk broad woven fabrics-- Continued Commission finishing of man-made fiber and silk broad woven goods--Continued	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)	(\$1,000)	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)	(\$1,000)
2262961	Other finished man-made fiber fabrics not dyed, or printed at the establishment (flame-proofed, mildewproofed, mercerized, embossed, etc.).....	20,419	20,419	2,217	xxx	(NA)	(NA)	(NA)
2262900	Commission finishing man-made fiber and silk broad woven fabrics, nsk.....	xxx	xxx	9,308	xxx	xxx	xxx	xxx
2262000	Finished man-made fiber and silk broad woven fabrics, including commission receipts, nsk.....	xxx	xxx	6,003	xxx	xxx	xxx	xxx
22690-- 2281 pt.	Finished yarn, raw stock, and narrow fabrics, except knit and wool.....	(1,000 lbs.)	(1,000 lbs.)		(1,000 lbs.)	(1,000 lbs.)	(1,000 lbs.)	
		xxx	xxx	159,941	xxx	xxx	xxx	129,149
2281271	Yarns bleached:							
2269012	Made in the yarn mills, except wool, industry.....	xxx	3,563	3,146	xxx	xxx	11,326	11,991
	Made in other industries.....	xxx	7,588	8,455	xxx			
	Yarns dyed:							
	Carded cotton:							
2281187	Made in the yarn mills, except wool, industry....	xxx	6,429	5,472	xxx	xxx	17,142	13,367
2269021	Made in other industries.....	xxx	13,745	10,541	xxx			
	Combed cotton:							
2281251	Made in the yarn mills, except wool, industry....	xxx	10,108	10,925	xxx	xxx	19,906	27,775
2269023	Made in other industries.....	xxx	18,565	23,835	xxx			
	Man-made fiber yarns.....	xxx	6,728	7,694	xxx	xxx	12,056	13,849
2281261	Yarns, mercerized cotton:							
2269032	Made in the yarn mills, except wool, industry.....	xxx	3,446	4,524	xxx	xxx	40,559	50,198
	Made in other industries.....	xxx	32,841	46,529	xxx			
2269042	Raw stock, bleached or dyed, except wool.....	xxx	15,075	8,808	xxx	xxx	8,805	86,880
2269061	Printed plastic film.....	xxx	(NA)	5,558	xxx	xxx	xxx	(*)
2269071	Finished braided or woven narrow fabrics.....	xxx	xxx	9,292	xxx	xxx	xxx	95,089
2269000	Finished textiles, other than broad woven fabrics, nsk.....	xxx	xxx	15,162	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>For fabrics finished on commission, the commission receipts are shown in the value of shipments column.<sup>2</sup>Total production data exclude "other finished fabrics" and fabrics not specified by kind. Detailed data are adjusted to information published in Current Industrial Reports Series M22S, Cotton, Silk, and Man-Made Fiber Woven Goods Finished. This report also furnishes detailed information by type of fabric finished within major end use categories.<sup>3</sup>Excludes quantity data for "other finished fabrics" and finished fabrics not specified by kind.<sup>4</sup>In 1954, data for other finished cotton fabrics, code 2211761 and printed plastic film, code 2269061, were included with code 2221861.<sup>5</sup>The 1954 data include commission receipts for establishments classified in Industry 2211, Weaving Mills, Cotton, or the finishing Industries 2261, 2262, and 2269. This may not be completely comparable with 1958 data which represent commission receipts regardless of the establishment's industry classification. The quantity data for fabrics finished on commission are directly comparable.<sup>6</sup>Includes value of finished fabrics and other textiles shipped that were not specified by kind, and commission receipts for work not specified by kind (see Text).<sup>7</sup>The 1954 data includes commission receipts for establishments classified in Industry 2221, Weaving Mills, Synthetics, or the finishing Industries 2261, 2262, and 2269. This may not be completely comparable with 1958 data which represent commission receipts regardless of the establishment's industry classification. The quantity data for fabrics finished on commission are directly comparable.<sup>8</sup>Data for 1958 includes special finished yarn.<sup>9</sup>For 1954, product code 2269071 included some special finished fabrics other than braided or woven narrow fabrics.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 2)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Finished cotton broad woven fabrics (22617 and 22117):</u>		<u>Commission finishing of cotton broad woven fabrics (22619)--Continued</u>	1958 <sup>2</sup>	<u>Finished man-made fiber and silk broad woven fabrics (22628 and 22218)--Continued</u>	1958 <sup>2</sup>
United States, total:					
1958.....	1,600,190	Middle Atlantic.....	47,546	North.....	57,706
1957.....	661,705	New York.....	16,135	Massachusetts.....	2,689
1956.....	678,049	New Jersey.....	20,830	Connecticut.....	5,931
1955.....	649,144	Pennsylvania.....	10,581	New York.....	7,354
1954.....	581,384			New Jersey.....	6,179
				Pennsylvania.....	34,506
	1958 <sup>2</sup>	East North Central.....	1,795	South and West.....	99,851
New England.....	75,989	West North Central.....	1,128	North Carolina.....	65,261
Massachusetts.....	55,173	Missouri.....	1,128	South Carolina.....	29,631
Rhode Island.....	1,884				
Middle Atlantic.....	17,245	South Atlantic.....	196,747	<u>Commission finishing of man-made fiber and silk broad woven goods (22629):</u>	Value of shipments
South.....	506,964			United States, total:	
North Carolina.....	131,630	North Carolina.....	43,343	1958.....	<sup>3</sup> 189,520
South Carolina.....	140,784	South Carolina.....	127,620	1954.....	202,423
Georgia.....	92,464	Georgia.....	14,642		1958 <sup>2</sup>
Alabama.....	24,966				
		South Central.....	23,884	New England.....	38,281
		West.....	1,003	Massachusetts.....	16,202
				Connecticut.....	10,155
<u>Commission finishing of cotton broad woven fabrics (22619):</u>	Value of shipments		Value of shipments	Middle Atlantic.....	102,853
United States, total:		<u>Finished man-made fiber and silk broad woven fabrics (22628 and 22218):</u>		New York.....	19,123
1958.....	<sup>3</sup> 353,120	United States, total:		New Jersey.....	75,647
1954.....	321,827	1958.....	<sup>4</sup> 157,557	Pennsylvania.....	8,083
	1958 <sup>2</sup>	1957.....	140,598	South.....	47,071
New England.....	81,017	1956.....	143,019	North Carolina.....	17,077
Massachusetts.....	35,812	1955.....	150,850	South Carolina.....	16,340
Rhode Island.....	31,818	1954.....	<sup>4</sup> 133,390	Georgia.....	1,387
				Pacific.....	1,155
				California.....	1,155

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Data for 1958 includes \$5.6 million for finished fabrics other than bleached, dyed, or printed. Such fabrics are excluded from prior years' data.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22617 and 22117, Maine, New Hampshire, Connecticut, New York, New Jersey, Virginia, Tennessee, and Texas; 22619, New Hampshire, Connecticut, Ohio, Delaware, Maryland, Virginia, Tennessee, Alabama, and Arkansas; 22628 and 22218, Maryland, Georgia, and Texas; 22629, New Hampshire, Rhode Island, and Virginia.

<sup>3</sup>Data for 1958 and 1954 are not completely comparable (see table 6A).

<sup>4</sup>Data for 1958 and 1954 include the value of finished fabrics other than bleached, dyed, or printed fabrics. Figures for other years exclude such fabrics.

TABLE 7 NOT APPLICABLE TO THIS REPORT

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2261	FINISHING PLANTS, COTTON (entire industry).....	446	49,212	189,866	42,105	86,510	149,247	289,115	399,077	686,237	15,662
	Establishments with:										
	90% or more specialization.....	330	35,336	135,900	30,366	62,223	107,263	196,841	172,973	369,118	11,112
	75-89% specialization.....	12	3,411	13,548	2,962	6,026	10,726	21,900	12,982	34,064	744
22617	Finished cotton broad woven fabrics (primary product class of estab.)...	38	6,065	23,177	5,240	11,346	18,466	48,143	208,062	255,295	2,141
	Establishments with:										
	90% or more specialization.....	28	1,106	5,162	953	2,080	3,900	8,500	14,812	23,176	( <sup>1</sup> )
22619	Commission finishing of cotton broad woven fabrics (primary product class of estab.).....	152	39,225	150,613	33,514	68,541	117,824	213,476	164,785	376,968	11,970
	Establishments with:										
	90% or more specialization.....	119	26,542	101,780	22,919	47,066	80,489	140,044	110,449	250,299	8,332
	75-89% specialization.....	10	4,031	15,440	3,459	7,070	12,253	26,350	15,094	40,514	1,136
2262	FINISHING PLANTS, SYNTHETICS (entire industry).....	197	16,185	74,297	13,650	29,296	57,615	114,825	95,261	210,568	3,607
	Establishments with:										
	90% or more specialization.....	159	13,623	62,217	11,616	24,960	48,868	97,660	74,821	172,862	3,142
	75-89% specialization.....	14	803	3,456	684	1,470	2,778	4,637	3,892	8,571	( <sup>1</sup> )
22628	Finished man-made fiber and silk broad woven fabrics (primary product class of estab.).....	27	817	3,599	628	1,363	2,480	6,075	27,329	33,398	( <sup>1</sup> )
22629	Commission finishing of man-made fiber and silk broad woven goods (primary product class of estab.)...	168	15,191	69,779	12,882	27,680	54,643	106,174	64,399	171,061	3,281
	Establishments with:										
	90% or more specialization.....	135	12,942	59,047	11,039	23,743	46,511	91,497	55,634	147,571	2,858
	75-89% specialization.....	12	761	3,291	646	1,386	2,628	4,388	3,784	8,214	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.



# Floor Covering Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2271—Woven Carpets and Rugs
- 2272—Tufted Carpets and Rugs
- 2279—Carpets, Rugs, and Mats, Not Elsewhere Classified

## Revised Industry Definitions

The statistics presented in this report are based on the industry definitions in the 1957 edition of the Standard Industrial Classification. These new definitions are based on the process of manufacture: weaving mills are classified in New Industry 2271, tufting plants in 2272, and plants using other processes in 2279. The 1945 edition of the S.I.C., used in the 1947 and 1954 Censuses of Manufactures and the Annual Survey of Manufactures for 1949-57, defined the industries according to the type of fiber used. Thus wool rug mills were in Old Industry 2271, and mills primarily using fibers other than wool were in Old Industry 2273. In addition, Old Industry 2271 included yarn mills which were transferred to Group 228 under the 1957 S.I.C. Group 227 also formerly included hard-surface floor coverings, which were transferred to Major Group 39.

The effect of these definitional changes is shown in table 1A, which provides a "bridge" between the old and new S.I.C. Certain 1958 statistics are shown in this table in three ways: first, industry totals with plants classified according to the new definitions; second, the parts of each "old" industry making up the new industries; and third, industry totals with plants classified according to the old S.I.C.

### 2271—Woven Carpets and Rugs

This industry comprises establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, chenille, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings. For a detailed list of products of Industry 2271, refer to table 6, product codes 2271111 to 2271241.

The industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision of the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Woven Carpets and Rugs Industry in 1958 totaled \$336 million. This included shipments of woven carpets and rugs (primary products), valued at \$289 million, shipments of other products (secondary products) valued at \$42 million, and miscellaneous receipts of \$5 million.

This industry's shipments of woven carpets and rugs in 1958 represented 87 percent of its total product shipments. Secondary products shipped by this industry in 1958 consisted mainly of tufted carpets and rugs (\$19 million) and wool carpet yarns (\$19 million).

The employment figures, cost of materials, valued added and other input factors (tables 1-4) correspond to the total

of all receipts for the establishments classified in the industry, including shipments of primary and secondary products as well as other receipts. Note that this total differs from total shipments of the primary products as shown in table 6.

The Woven Carpets and Rugs Industry's shipments of woven carpets and rugs in 1958 represented 97 percent of these products valued at \$298 million shipped by all industries. The other carpet industries accounted for the remaining 3 percent of these products.

### 2272—Tufted Carpets and Rugs

This industry comprises establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products also are included in this industry. For a detailed list of products of Industry 2272, refer to table 6, product codes 2272013 to 2272047.

The industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision of the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Tufted Carpets and Rugs Industry in 1958 totaled \$318 million. This included shipments of tufted carpets and rugs (primary products) valued at \$297 million, shipments of other products (secondary products) valued at \$19 million, and miscellaneous receipts of \$2 million.

The specialization and coverage ratios for Industry 2272 were over 90 percent in 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6). Definitions of the specialization and coverage ratios are provided in table 5A.

### 2279—Carpets, Rugs, and Mats, Not Elsewhere Classified

This industry includes establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, door mats and mattings from twisted paper, grasses, reeds, coir, sisal, jute or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in Industry 3982. For a detailed list of products of Industry 2279, refer to table 6, product codes 2279011 to 2279031.

This industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision to the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Carpets and Rugs, N.E.C. Industry in 1958 totaled \$55 million. This included shipments of carpets, rugs, and mats, n.e.c. (primary products) valued at \$38 million, shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$5 million.

This industry's shipments of carpets, rugs, and mats, n.e.c. in 1958 represented 78 percent of its total product shipments. Secondary products shipped by this industry in 1958 included woven carpets and rugs and carpet yarn.

The employment figures, cost of materials, value added and other input factors (tables 1-4) correspond to the total of all receipts for the establishments classified in the industry, including shipments of primary and secondary products as well as other receipts. Note that this total differs from total shipments of the primary products as shown in table 6.

The Carpet and Rugs, N.E.C. Industry's shipments of carpets, rugs, and mats, n.e.c. in 1958 represented 78 percent of these products valued at \$49 million shipped by all industries. The other carpet and rug industries accounted for the major proportion of the remaining 22 percent.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## FLOOR COVERING MILLS: SIC 227

Value Added by Manufacture by State: 1958



Includes Industries 2271, 2272 and 2279. See Table 2.

Bureau of the Census M-58-D227



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ializa- tion <sup>6</sup> ratio <sup>6</sup> (per- cent)	Cov- erage ratio <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2271	Woven carpets and rugs: 1958 <sup>8</sup> .....	60	69	47	18,151	74,395	14,969	30,267	55,053	128,444	196,217	335,536	5,854	87	97
2272	Tufted carpets and rugs: 1958 <sup>8</sup> .....	88	92	72	11,528	36,313	9,880	19,532	26,936	108,846	209,183	317,639	8,007	94	93
2279	Carpets and rugs, nec: 1958 <sup>8</sup> .....	121	121	53	3,989	12,561	3,520	6,835	10,068	23,176	30,671	54,533	666	78	78

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The All employees figure for 1958, represents the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March. The production worker figure is based on employment for the payroll period ended nearest the 15th of March, May, August, and November.

<sup>3</sup>Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. See Introduction, "Value Added by Manufacture."

<sup>4</sup>Includes cost of products bought for resale without further manufacture, processing or assembly. See Introduction, "Cost of Materials Consumed, Etc."

<sup>5</sup>Includes shipments of products bought for resale without further manufacture, processing or assembly. See Introduction, "Value of Shipments."

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry, is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that data for prior years are not comparable. See "Revised Industry Definitions" in the text.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Value added by manufac- ture (\$1,000)	Establishments, number		Number of employees	Value added by manufac- ture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2271 Woven carpets and rugs.....	69	47	18,151	128,444	xxx	xxx	xxx	xxx
Old Industry 2271 Wool carpets and rugs.....	52	39	17,491	125,514	<sup>1</sup> 115	<sup>1</sup> 86	<sup>1</sup> 24,995	<sup>1</sup> 180,247
Old Industry 2273 Carpets and rugs, except wool.....	17	8	660	2,930	214	122	13,921	112,009
New Industry 2272 Tufted carpets and rugs.....	92	72	<sup>r</sup> 11,528	108,846	xxx	xxx	xxx	xxx
Old Industry 2271 Wool carpets and rugs.....	13	9	1,267	(D)	115	86	24,995	180,247
Old Industry 2273 Carpets and rugs, except wool.....	79	63	10,261	(D)	214	122	13,921	112,009
New Industry 2279 Carpets and rugs, nec.....	121	53	3,989	23,176	xxx	xxx	xxx	xxx
Old Industry 2271 Wool carpets and rugs.....	3	2	989	(D)	115	86	24,995	180,247
Old Industry 2273 Carpets and rugs, except wool.....	118	51	3,000	(D)	214	122	13,921	112,009

D Withheld to avoid disclosures of figures for individual companies.

<sup>r</sup>Revised.

<sup>1</sup>The difference between these figures and the sum of the parts of old Industry 2271 shown in the first half of the table is explained by the transfer of 47 carpet yarn mills to new Industries 2281 and 2283.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2271	Woven carpets and rugs, total.....	69	47	18,151	74,395	14,969	30,267	55,053	128,444	335,536	5,854			
	Northeast and North Central....	42	33	12,896	55,286	10,350	20,359	39,281	77,636	212,561	3,503			
	New Jersey.....	4	4	1,438	6,249	1,164	2,178	4,575	9,434	24,748	(3)			
	Pennsylvania.....	16	13	4,256	18,883	3,491	6,854	13,490	34,255	81,098	1,136			
	South.....	20	12	5,119	18,659	4,498	9,659	15,392	50,101	121,249	2,299			
	Pacific.....	7	2	136	450	121	249	380	707	1,726	(3)			
	California.....	7	2	136	450	121	249	380	707	1,726	(3)			
2272	Tufted carpets and rugs, total.....	92	72	11,528	36,313	9,880	19,532	26,936	108,846	317,639	8,007			
	Northeast and North Central....	13	8	1,204	4,843	934	1,932	3,448	10,054	28,034	317			
	South.....	69	56	9,569	28,249	8,373	16,447	21,389	92,030	267,638	7,425			
	Georgia.....	54	45	7,548	22,171	6,605	12,952	16,885	69,237	201,249	6,579	(2)	(2)	(2)
	Pacific.....	10	8	755	3,221	573	1,153	2,099	6,762	21,967	(3)			
	California.....	10	8	755	3,221	573	1,153	2,099	6,762	21,967	(3)			
2279	Carpets and rugs, nec, total.....	121	53	3,989	12,561	3,520	6,835	10,068	23,176	54,533	666			
	New England.....	30	14	804	2,352	731	1,363	1,926	3,898	8,623	(3)			
	Rhode Island....	12	7	423	1,189	398	722	990	1,906	4,555	(3)			
	Middle Atlantic...	38	17	1,692	5,787	1,478	2,987	4,716	11,259	30,828	(3)			
	East North Central.....	7	3	374	1,487	298	581	1,011	1,909	3,797	(3)			
	South.....	35	14	954	2,509	876	1,642	2,091	5,299	9,545	(3)			
	North Carolina..	11	3	402	845	382	649	752	1,754	2,909	(3)			
	Pacific.....	11	5	165	426	137	262	324	811	1,740	(3)			
	California.....	11	5	165	426	137	262	324	811	1,740	(3)			

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2271, Woven Carpets and Rugs: Northeast and North Central—Maine, 1 (20-99); New Hampshire, 2 (20-99); Massachusetts, 9 (1,087); Connecticut, 1 (1,000-2,499); New York, 5 (3,506); Illinois, 1 (1,000-2,499); Michigan, 2 (20-99); Wisconsin, 1 (100-249); South—Virginia, 1 (1,000-2,499); North Carolina, 8 (1,011); South Carolina, 6 (1,000-2,499); Georgia, 3 (20-99); Florida, 1 (1-19); Mississippi, 1 (500-999).

SIC 2272, Tufted Carpets and Rugs: Northeast and North Central—Maine, 1 (20-99); Massachusetts, 2 (20-99); Rhode Island, 1 (1-19); New York, 2 (1-19); Pennsylvania, 6 (500-999); Indiana, 1 (100-249); South—Virginia, 1 (100-249); North Carolina, 1 (20-99); South Carolina, 1 (250-499); Kentucky, 1 (1-19); Tennessee, 7 (500-999); Alabama, 2 (100-249); Arkansas, 1 (250-499); Texas, 1 (1-19).

SIC 2279, Carpets and Rugs, NEC: New England—Maine, 4 (20-99); Massachusetts, 14 (250-499); Middle Atlantic—New York, 10 (500-999); New Jersey, 7 (20-99); Pennsylvania, 21 (500-999); East North Central—Ohio, 4 (20-99); Illinois, 1 (20-99); Michigan, 1 (1-19); Wisconsin, 1 (100-249); South—South Carolina, 1 (1-19); Georgia, 17 (250-499); Florida, 1 (20-99); Tennessee, 3 (20-99); Oklahoma, 1 (1-19); Texas, 1 (1-19).

<sup>2</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (See table 1A and text of this report).<sup>3</sup>Less than \$500 thousand.



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Woven carpets and rugs (SIC 2271)	Tufted carpets and rugs (SIC 2272)	Carpets and rugs, nec (SIC 2279)
Primary product specialization ratio <sup>1</sup> .....	87	94	78
Coverage ratio <sup>2</sup> .....	97	93	78
Number of establishments, total.....	69	92	121
With 1-19 employees.....	22	20	68
With 20-99 employees.....	19	38	46
With 100 employees or more.....	28	34	7
Proprietors and working partners.....Number..	24	33	67
All employees:			
Number (average for the year).....	18,151	11,528	3,989
Payroll.....\$1,000..	74,395	36,313	12,561
Production workers:			
Number (average for the year).....	14,969	9,880	3,520
March.....	16,001	9,778	3,579
May.....	14,186	9,269	3,359
August.....	14,185	9,763	3,432
November.....	15,504	10,710	3,710
Man-hours.....1,000..	30,267	19,532	6,835
January-March.....do....	8,116	4,865	1,670
April-June.....do....	7,076	4,425	1,663
July-September.....do....	6,568	4,614	1,607
October-December.....do....	8,507	5,628	1,895
Wages.....\$1,000..	55,053	26,936	10,068
Cost of materials, etc., total.....do....	196,217	209,183	30,671
Materials, parts, containers, and supplies consumed.....do....	185,820	198,635	28,570
Cost of resales.....do....	2,740	1,156	636
Fuels consumed.....do....	2,524	1,252	400
Electricity purchased.....do....	1,402	943	304
Contract work.....do....	3,731	7,197	761
Value of shipments (including resales), total.....do....	335,536	317,639	54,533
Value of resales.....do....	2,899	1,284	901
Value added by manufacture, adjusted.....do....	128,444	108,846	23,176
Manufacturers' inventories:			
Beginning of year, total.....do....	110,566	44,042	11,618
Finished products.....do....	45,162	18,073	4,222
Work-in-process.....do....	33,710	7,019	2,884
Materials, supplies, fuel, etc.....do....	31,694	18,950	4,512
End of year, total.....do....	97,778	45,896	9,576
Finished products.....do....	37,574	17,961	3,257
Work-in-process.....do....	30,423	7,521	3,163
Materials, supplies, fuel, etc.....do....	29,781	20,414	3,156
Capital expenditures for plant and equipment, total.....do....	6,004	8,848	681
New, total.....do....	5,854	8,007	666
New structures and additions to plant.....do....	1,315	2,723	159
New machinery and equipment.....do....	4,539	5,284	507
Used plant and equipment.....do....	150	841	15

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2271	Woven carpets and rugs:											
	Number of establishments.....	69	12	5	5	15	4	9	8	6	4	1
	All employees:											
	Number.....	18,151	16	<u>99</u>	(D)	475	238	1,380	2,665	4,108	<u>9,170</u>	(D)
	Payroll.....\$1,000..	74,395	42	<u>346</u>	(D)	1,770	621	5,547	11,552	16,842	<u>37,675</u>	(D)
	Value added, adjusted..do....	128,444	185	<u>566</u>	(D)	3,224	918	8,864	20,391	30,718	<u>63,578</u>	(D)
	Value of shipments.....do....	335,536	474	<u>1,127</u>	(D)	7,229	2,038	28,456	50,245	89,389	<u>156,578</u>	(D)
	Capital expend., new...do....	5,854	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	985	1,372	1,530	<u>1,810</u>	(D)
2272	Tufted carpets and rugs:											
	Number of establishments.....	92	5	6	9	15	23	21	10	2	1	...
	All employees:											
	Number.....	11,528	10	43	131	461	1,718	2,997	<u>6,168</u>	(D)	(D)	...
	Payroll.....\$1,000..	36,313	27	177	327	1,484	5,456	9,677	<u>19,165</u>	(D)	(D)	...
	Value added, adjusted..do....	108,846	48	537	817	5,673	12,831	23,373	<u>65,567</u>	(D)	(D)	...
	Value of shipments.....do....	317,639	105	1,638	3,162	19,996	43,685	75,453	<u>173,600</u>	(D)	(D)	...
	Capital expend., new...do....	8,007	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,292	1,051	<u>5,169</u>	(D)	(D)	...
2279	Carpets and rugs, nec:											
	Number of establishments.....	121	39	14	15	35	11	6	...	1	...	...
	All employees:											
	Number.....	3,989	86	97	212	987	794	1,813	...	(D)	...	...
	Payroll.....\$1,000..	12,561	217	275	714	2,798	1,972	<u>6,585</u>	...	(D)	...	...
	Value added, adjusted..do....	23,176	537	466	1,297	5,439	3,168	<u>12,269</u>	...	(D)	...	...
	Value of shipments.....do....	54,533	1,247	1,020	3,075	10,899	6,103	<u>32,189</u>	...	(D)	...	...
	Capital expend., new...do....	666	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2271	Woven carpets and rugs.....1958 <sup>3</sup> ..	335,536	288,620	42,067	4,849	87	297,848	288,620	9,228	97
2272	Tufted carpets and rugs.....1958 <sup>3</sup> ..	317,639	297,261	18,735	1,643	94	319,850	297,261	22,589	93
2279	Carpets and rugs, nec.....1958 <sup>3</sup> ..	54,533	38,179	10,981	5,373	78	48,777	38,179	10,598	78

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6; the first 4-digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Comparable data for 1954 are not available because of extensive revisions in industry definitions. These are described in the text and table 1A.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. Each column shows for the industry named in the column heading the total value of shipments divided among (a) carpets and rugs, (b) carpet yarns, (c) other products, and (d) miscellaneous receipts. Each figure represents the amount of the product class shown at the left shipped by the industry named at the top of the column. The first four digits of the product class codes at the left represent the codes of the industries to which they are primary. All other product classes in a column represent products secondary to the specified industry)

Prod. class code	Class of products and miscellaneous receipts	Woven carpets and rugs (SIC 2271)	Tufted carpets and rugs (SIC 2272)	Carpets, and rugs, nec (SIC 2279)	Other industries	All industries
	Total shipments and receipts of the industry.....	335,536	317,639	54,533	xxx	xxx
227	Carpets and rugs, total.....	(D)	(D)	(D)	5,610	666,475
22711	Woven carpets and rugs, chiefly wool pile yarns.....	259,109	(D)	(D)	(D)	266,835
22712	Woven carpets and rugs, chiefly cotton or man-made fiber yarns.....	29,511	(D)	(D)	(D)	31,013
22720	Tufted carpets and rugs.....	18,813	297,261	311	3,465	319,850
22790	Carpets, rugs, and mats, nec.....	(D)	(D)	38,179	(D)	48,777
	Other products.....	(D)	(D)	(D)	xxx	xxx
22832	Wool carpet yarns.....	18,927	...	(D)	xxx	xxx
23926	Bedsprings and bed sets.....	...	3,187	...	xxx	xxx
	Other products.....	(D)	(D)	(D)	xxx	xxx
	Miscellaneous receipts.....	4,849	1,643	5,373	xxx	xxx
93000	Receipts for contract and commission work.....	(D)	( <sup>1</sup> )	4,336	xxx	xxx
99989	Products bought and resold without further manufacture.....	2,899	1,284	901	xxx	xxx
	Other receipts.....	(D)	359	136	xxx	xxx

xxx Not applicable.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>For Industry 2272, "Receipts for contract and commission work" are included with "Other receipts."

Table 6.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958			1954		
		Total production (1,000 sq. yds.)	Total shipments including inter-plant transfers		Total production (1,000 sq. yds.)	Total shipments including inter-plant transfers	
			Quantity (1,000 sq. yds.)	Value (\$1,000)		Quantity (1,000 sq. yds.)	Value (\$1,000)
2271---	Woven carpets and rugs, total.....	154,174	152,495	297,848	73,855	72,915	367,315
22711--	Woven carpets and rugs, chiefly wool pile yarns.....	145,681	145,755	266,835	62,747	62,126	336,154
	Woven carpets and rugs, except automobile and aircraft floor covering:						
	All wool pile yarns:						
2271111	Axminster.....	6,642	7,892	44,938	11,706	11,600	61,757
2271113	Wilton.....	14,057	13,360	85,458	13,692	13,048	97,495
2271115	Plain velvet.....	13,078	12,924	77,859	14,151	13,948	86,585
2271117	Printed velvet, chenille, and others.....	2,330	2,246	14,402	3,034	2,953	10,865
	Pile yarns of wool mixtures, chiefly wool:						
2271121	Axminster.....	4,183	4,450	15,600	9,617	9,654	35,626
2271123	Wilton.....	1,438	1,118	6,388	1,893	1,931	11,234
2271125	Plain velvet.....				3,898	3,903	16,789
2271127	Printed velvet, chenille, and others.....	3,416	3,144	16,700	2,052	2,267	29,525
2271151	Automobile and aircraft floor covering.....	537	621	2,734	2,704	2,822	6,280
2271110	Wool carpets and rugs, not specified by kind.....	(NA)	(NA)	2,756	(2)	(2)	(2)
22712--	Woven carpets and rugs, chiefly cotton or man-made fiber pile yarns	18,493	16,740	31,013	11,108	10,789	31,161
2271211	Pile yarns of wool mixtures, less than 50% wool (chiefly man-made fibers).....	3,335	1,629	4,631	1,945	1,689	4,818
	Carpets and rugs, except automobile and aircraft floor covering:						
	Pile yarn, not containing wool:						
2271221	Man-made fibers, wholly or chiefly.....	4,178	4,126	21,394	1,716	1,683	4,814
2271231	Cotton, wholly or chiefly.....	980	985	4,414	3,761	3,834	11,424
2271220	Fiber not specified.....				...	...	...
2271241	Automobile and aircraft floor covering.....	(NA)	(NA)	574	3,686	3,583	10,105
2272---	Tufted carpets and rugs, total <sup>3</sup> .....	114,542	112,273	319,850	256,544	254,411	2147,425
	Automobile and aircraft floor covering:						
2272013	Rayon or acetate, wholly or chiefly.....						
2272017	Other fibers.....	6,653	6,508	12,540			
	Tufted carpets and rugs, except automobile and aircraft floor coverings (not containing wool):						
	4' x 6' or smaller, including bathmats and bathmat sets:						
2272021	Cotton, wholly or chiefly.....	25,014	24,492	40,371			
2272023	Rayon or acetate, wholly or chiefly.....	10,509	9,910	21,414			
2272027	Wholly or chiefly other man-made fibers.....	1,577	1,380	4,834			
	Larger than 4' x 6', including roll goods:						
2272031	Cotton, wholly or chiefly.....	8,460	9,115	19,882			
2272033	Rayon or acetate, wholly or chiefly.....	31,883	31,641	86,460			
2272037	Wholly or chiefly other man-made fibers.....	13,801	13,487	64,402			
	Tufted carpets and rugs (except automobile and aircraft) (wool or part wool):						
2272041	All wool and chiefly wool.....	13,821	12,924	57,978			
2272043	Chiefly rayon and/or acetate, containing wool.....	2,089	2,088	6,228			
2272047	Chiefly other fibers containing wool.....	735	728	1,795			
2272000	Tufted carpets and rugs, not specified by kind.....	(NA)	(NA)	3,946			
2279---	Carpets, rugs, and mats, nec.....	(NA)	(NA)	48,777	(NA)	(NA)	(NA)
2279011	Knitted carpets and rugs, all wool, chiefly wool, and partially wool.....						
2279040	Knitted carpets and rugs, not containing wool.....	4,523	4,483	24,412	(1)	(1)	(1)
2279041	Braided rugs made from rags, jute, flax, straw, coir, paper, etc..						
2279071	Other rugs of rag, jute, flax, straw, coir, paper, etc.....	8,660	8,845	16,767	11,567	10,995	18,251
2279000	Other carpets and rugs, not specified by kind.....	(NA)	(NA)	7,598			
2279031	Nonwoven wool face on felt backing.....	...	...	...	633	697	1,350

NA Not available.

<sup>1</sup>Excludes quantities of carpets and rugs not specified by kind.<sup>2</sup>For 1954, code 2271110 is included with code 2271127. In 1954 separate data were not collected for wool and part-wool knitted or tufted rugs. Where these figures were reported separately they were included with code 2271127.<sup>3</sup>The data for tufted rugs shown in this report differ from the data published in the Census Bureau's Current Industrial Reports, Series M22L, because of small reporting differences by individual companies, in some instances due to the fact that the Census of Manufactures reports were on a fiscal year basis.



Table 7.—Materials Consumed, by Kind: 1958

Code	Material <sup>1</sup>	Quantity (1,000 pounds)	Delivered cost (\$1,000)	Code	Material <sup>1</sup>	Quantity (1,000 pounds)	Delivered cost (\$1,000)
	INDUSTRY 2271—WOVEN CARPETS AND RUGS				INDUSTRY 2272—TUFTED CARPETS AND RUGS—Con.		
	Materials, containers, and supplies, total.....	xxx	185,820	222121	Rayon or acetate yarns.....	66,561	45,923
221111	Carpet wool (scoured weight).....	63,358	47,280	222131	Nylon yarns.....	14,334	21,378
222141	Wool yarns.....	39,830	51,755	229711	Jute yarns.....	6,522	1,895
222111	Cotton yarns.....	24,604	11,989	222191	All other yarns.....	342	374
282511	Man-made fiber staple.....	14,415	10,873	970099	All other materials, containers, and supplies consumed.....	xxx	63,566
222121	Rayon or acetate yarns.....	8,016	5,586	973000	Materials, containers, and supplies, not specified by kind.....	xxx	5,882
222131	Nylon yarns.....	2,778	4,211		INDUSTRY 2279—CARPETS AND RUGS, NEC		
222171	Other man-made fiber yarns.....	1,354	2,210		Materials, containers, and supplies, total.....	xxx	28,570
229711	Jute yarns.....	42,664	12,510	222141	Wool yarns.....	3,595	4,722
269911	Paper yarns.....	14,795	3,953	222111	Cotton yarns.....	2,889	1,404
970099	All other materials, containers, and supplies consumed.....	xxx	33,632	222121	Rayon or acetate yarns.....	2,327	2,504
973000	Materials, containers, and supplies, not specified by kind.....	xxx	1,821	222131	Nylon yarns.....		
	INDUSTRY 2272—TUFTED CARPETS AND RUGS			222171	Other man-made fiber yarns.....		
	Materials, containers, and supplies, total.....	xxx	198,635	229711	Jute yarns.....	11,793	1,965
222141	Wool yarns.....	22,435	30,895	269911	Paper yarns.....	(NA)	1,113
222111	Cotton yarns.....	37,909	19,969	222191	All other yarns.....	xxx	11,432
282511	Man-made fiber staple.....	17,448	8,753	970099	All other materials, containers, and supplies consumed.....	xxx	11,432
				973000	Materials, containers, and supplies, not specified by kind.....	xxx	5,430

NA Not available.

xxx Not applicable.

<sup>1</sup>Statistics for certain materials could not be shown for these industries individually, but approximate figures are shown below for all three industries combined (in thousands of pounds): code 221111, Carpet wool (scoured weight) 68,000; code 011161, Raw cotton 6,000; code 222171, Other man-made fiber yarns 8,000; code 282511, Man-made fiber staple between 30,000 and 35,000; and code 269911, Paper yarns between 20,000 and 25,000.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2271	WOVEN CARPETS AND RUGS (entire industry).....	69	18,151	74,395	14,969	30,267	55,053	128,444	196,217	335,536	5,854
	Establishments with: 90% or more specialization.....	56	8,347	35,131	6,651	12,978	25,304	57,308	88,318	156,290	1,756
22711	Woven carpets and rugs, chiefly wool pile yarns (primary product class of estab.).....	44	17,120	70,753	14,105	28,565	52,409	123,609	186,755	320,627	4,947
	Establishments with: 90% or more specialization....	31	5,733	24,142	4,642	9,071	17,483	45,632	63,631	112,827	1,318
22712	Woven carpets and rugs, chiefly cotton or man-made fiber pile yarns (primary product class of estab.).....	21	826	2,983	684	1,296	2,098	4,254	8,674	13,529	( <sup>1</sup> )
2279	CARPETS AND RUGS, NEC (entire industry).....	121	3,989	12,561	3,520	6,835	10,068	23,176	30,671	54,533	666
	Establishments with: 90% or more specialization.....	98	2,508	6,940	2,228	4,011	5,548	11,517	12,062	24,251	( <sup>1</sup> )
	75-89% specialization.....	4	146	367	133	242	301	606	726	1,334	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.





# Yarn and Thread Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2281—Yarn Spinning Mills, Cotton, Man-Made Fibers and Silk
- 2282—Yarn Throwing, Twisting, and Winding Mills, Cotton, Man-Made Fibers and Silk
- 2283—Yarn Mills, Wool, Including Carpet and Rug Yarn
- 2284—Thread Mills

The statistics presented in this report are based on the industry definitions in the 1957 edition of the Standard Industrial Classification Manual. Except for Industry 2284, Thread Mills (old SIC number 2223), the definitions of all of these industries were revised substantially in the 1957 SIC compared to the definitions previously employed in Census of Manufactures reports. These revisions are outlined below. In addition, the former Census of Manufactures definitions differed from the 1945 edition of the Standard Industrial Classification; for example, old SIC Industry 2221, Yarn Mills, was subdivided into Census Industry 2224, Yarn Mills, Cotton System, and Census Industry 2212, Yarn Mills, Woolen and Worsted Systems.

The new SIC Group 228 brings together the yarn and thread mills which in the former system constituted the major part of Group 222, Yarn and Thread Mills, and parts of Group 227, Carpets and Rugs; and Group 229, Miscellaneous Textile Goods. To the extent possible, statistics are shown on both the new and old bases in tables 1 and 2 of this report, to enable the user to make approximate comparisons of the 1958 statistics with those for earlier years.

Thrown and spun textile yarns are produced not only by the plants covered in this group of industries, but to a very important extent by integrated mills (weaving, cordage, etc.). The extent of such integrated production is indicated in table 6A, which shows the quantities of the various types of yarns "produced for own use." In total, between 65 and 75 percent of all spun and thrown yarns are produced by integrated mills for their own use, most of the remainder being produced by mills in SIC Group 228 either for sale or for transfer to affiliated weaving and knitting mills.

## Revised Industry Definitions

**A. Yarn Spinning Mills.** In the 1954 Census of Manufactures, yarn spinning mills were classified by type of yarn and type of process used in its manufacture. Woolen and worsted system carpet yarn producers were classified in old Industry 2271, Wool Carpets, Rugs, and Carpet Yarn. Woolen and worsted yarn mills other than carpet yarn were classified in old Industry 2212, while mills spinning yarn on cotton and silk system machinery were included in old Industry 2224. In addition, old Industry 2224 included mills producing tire cord and tire cord fabric.

Under the revised SIC definitions, tire cord and tire cord fabric producers are classified in new Industry 2296. All yarn spinners are classified into two industries based on the fiber spun. Wool and chiefly wool yarn producers are included in new Industry 2283, Wool Yarn Mills. Mills primarily producing spun yarn from other fibers are classified in new Industry 2281, Yarn Mills, Except Wool.

The new Industry 2283, Wool Yarn Mills, differs from the old Industry 2212, which comprised establishments primarily producing yarn, except carpet yarn, on woolen and worsted equipment. In 1958, there were 16 establishments with 3,450 employees which were producing cotton and man-made fiber yarns on woolen and worsted equipment. These plants, formerly in Industry 2212, are classified in new Industry 2281, Yarn Mills, Except Wool. Similarly, 11 establishments with 1,297 employees included in old Industry 2271 as producers of carpet yarn on woolen and worsted equipment are now classified in new Industry 2281.

**B. Yarn Throwing and Winding Mills.** In the 1954 Census, yarn throwing mills were classified in old Industry 2222, while establishments primarily engaged in winding, warping, and spooling yarns not spun or thrown in the same plant were included in old Industry 2299. (In a few cases, establishments winding or spooling cotton yarn were in old Industry 2224.) In the revised SIC, all yarn throwing, winding, and spooling mills are in Industry 2282, Throwing and Winding Mills.

The effect of these changes in industry definitions is shown in table 1A which provides a "bridge" between the old and new SIC classification systems. Certain 1958 statistics are shown in this table in three ways: first, industry totals with plants classified according to the new definitions; second, the parts of each old industry making up the new industries; and third, industry totals with plants classified according to the old SIC.

## 2281—Yarn Spinning Mills, Cotton, Man-Made Fibers, and Silk

This industry comprises establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, man-made fiber staple, or silk staple. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269. For a detailed list of products of Industry 2281, refer to table 6A, product codes 2281111 to 2281431.

The industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision to the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Yarn Mills, Except Wool Industry in 1958 totaled \$855 million. This included shipments of spun cotton, man-made fiber, and silk yarns valued at \$769 million, shipments of other products (secondary products) valued at \$56 million, and miscellaneous receipts (mainly from the sale of waste) of \$31 million.



This industry's shipments of spun yarns, except wool, in 1958 represented 93 percent of its total product shipments. Secondary products shipped by this industry in 1958 included wool yarns, \$14 million; woven cotton fabric, \$11 million; and woven man-made fiber and silk fabrics, \$9 million.

Cotton, man-made fiber, and silk yarns are defined as primary to Industry 2281. Most of these yarns are shipped in the gray, although a portion of such yarns is finished at the spinning mills and sold as finished yarn. These yarns are also defined as primary to this industry. Where such yarns are finished at finishing plants from purchased gray yarn or on commission from yarns owned by others, they are defined as primary to Industry 2269, Finishing Plants, N.E.C. The total value of such gray and finished yarns shipped by all producers in 1958 amounted to \$1 billion. Shipments from establishments classified in Industry 2281 amounted to \$769 million and represented 77 percent (coverage ratio) of the total of such products shipped. Of the remaining \$231 million, \$91 million was shipped by establishments classified in Industry 2269. The coverage ratio computed on the basis of both primary industries was 86 percent.

To the extent that finished yarns are made from gray purchased yarns, the product shipments by product class and in total contain some duplication. The amount of such duplication for all spun yarns, except wool, is approximately 10 percent. The extent of the duplication by product class can be determined from table 6A. This table shows the value of finished yarns shipped by mills not spinning such yarns (Codes 2269---). More than 90 percent of such finished yarns were made from purchased gray yarns and shipped by establishments classified in Industry 2269, Finishing Plants, N.E.C.

#### 2282—Yarn Throwing, Twisting, and Winding Mills, Cotton, Man-Made Fibers and Silk

This industry comprises establishments primarily engaged in throwing, twisting, winding, or spooling yarn wholly or chiefly by weight of cotton, man-made fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269. For a detailed list of products of Industry 2282, refer to table 6A, product codes 2282121 to 2282951.

The industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision to the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Throwing and Winding Mills Industry in 1958 totaled \$175 million. This included shipments of thrown and textured yarn, including commission receipts for such operations, of \$152 million, shipments of other products valued at \$9 million, and miscellaneous receipts of \$14 million.

This industry's shipments of thrown and textured yarn, including commission receipts, in 1958 represented 95 percent of its total product shipments.

While the primary products of the industry represent more than one class of product the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 58 percent of the total industry shipments are represented by plants spe-

cializing in product class 22821, thrown filament yarns including textured; 27 percent in product class 228227, rewound, plied, etc., yarns not spun or thrown at the same establishments; and 14 percent in product class 22829, commission throwing, plying, etc., of yarns owned by others.

Industry 2282 shipments of thrown, plied, rewound yarns, etc., including commission receipts in 1958, represented 77 percent (coverage ratio) of these products valued at \$199 million shipped by all industries. Other industries shipping these products consisted mainly of Industry 2221, Weaving Mills, Synthetics, \$20 million, and Industry 2281, Yarn Mills, Except Wool, \$7 million.

#### 2283—Yarn Mills, Wool, Including Carpet and Rug Yarn

This industry comprises establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased yarn or finishing yarn on a commission basis are classified in Industry 2231. For a detailed list of products of Industry 2283, refer to table 6A, product codes 2283121 to 2283211.

The industry definition is based on the 1957 edition of the Standard Industrial Classification Manual and represents a major revision to the definition previously used. (See "Revised Industry Definitions" above.)

Value of shipments and other receipts of the Wool Yarn Mills Industry in 1958 totaled \$274 million. This included shipments of wool yarns, valued at \$216 million, shipments of other products, valued at \$39 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$19 million.

This industry's shipments of wool yarns in 1958 represented 85 percent of its total product shipments. Secondary products shipped by this industry in 1958 consisted mainly of other spun yarns (except wool), \$24 million.

While the primary products of the industry represent more than one class of products the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 67 percent of the total industry shipments are represented by plants specializing in product class 22831, wool yarns, except carpet, and 29 percent in product class 22832, wool carpet yarns.

Industry 2283 shipments of wool yarns in 1958 represented 78 percent of these products valued at \$279 million shipped by all industries. Other industries shipping wool yarns consisted mainly of Industry 2271, Woven Carpets and Rugs, \$19 million, and Industry 2231, Weaving, Finishing Mills, Wool, \$18 million.

#### 2284—Thread Mills

This industry comprises establishments primarily engaged in manufacturing thread from natural or man-made fiber except flax (Industry 2299) and wool (Industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand knitting, and other hand-icraft threads. For a detailed list of products of Industry 2284, refer to table 6A, product codes 2284111 to 2284311.

Industry 2284 was numbered 2223 in the old S.I.C. There were no changes in the definition of the industry.



Value of shipments and other receipts of the Thread Mills Industry in 1958 totaled \$169 million. This included shipments of thread, valued at \$148 million; shipments of other products, valued at \$16 million; and miscellaneous receipts of \$5 million.

This industry's shipments of thread in 1958 represented 90 percent of its total product shipments. The industry specialization ratio in 1954 was 88 percent. Secondary prod-

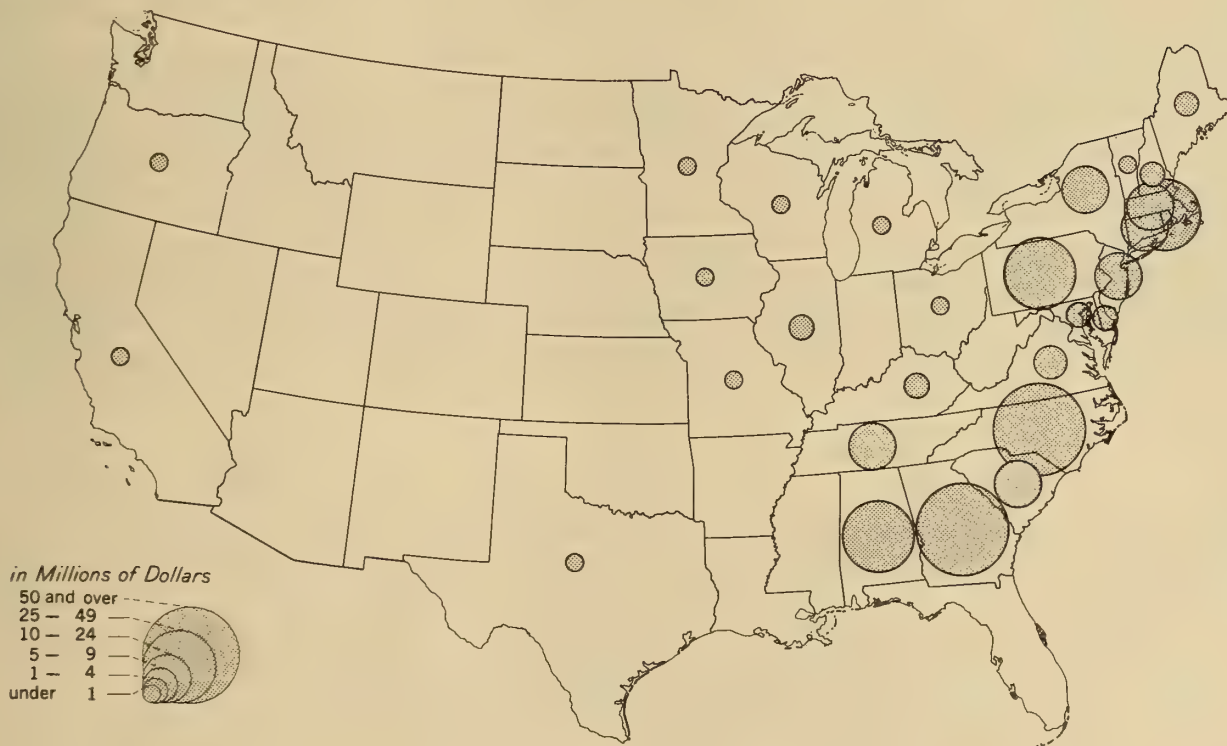
ucts shipped by this industry in 1958 consisted mainly of spun, thrown, and textured yarns.

Industry 2284 shipments of thread in 1958 represented 91 percent of these products valued at \$163 million shipped by all industries. In 1954, the coverage ratio was 94 percent. Other industries shipping thread consisted mainly of Industry 2281, Yarn Mills, Except Wool; Industry 2211, Weaving Mills, Cotton; and Industry 2269, Finishing Plants, N.E.C.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## YARN AND THREAD MILLS: SIC 228

Value Added by Manufacture by State: 1958



Includes Industries 2281, 2282, 2283 and 2284. See Table 2.

Bureau of the Census M-58-D228

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>1</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expend- itures, new	Spec- ial- ization ratio <sup>4</sup> (per- cent)	Cov- er- age ratio <sup>5</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2281	Yarn mills, except wool: <sup>6</sup>														
	1958.....	268	356	310	67,836	179,782	63,864	117,472	157,616	292,219	562,429	855,363	15,507	93	77
2296	Tire cord and fabric mills: <sup>6</sup>														
	1958.....	12	23	23	12,214	36,063	11,322	20,960	32,233	69,844	300,829	375,790	6,029	85	94
2224	Yarn mills, cotton system (old classification) <sup>6</sup> ....														
	1958.....	(NA)	359	311	75,538	202,208	71,090	130,679	179,014	337,461	806,212	1,148,803	20,480	(NA)	(NA)
	1957 <sup>7</sup> .....	(NA)	(NA)	(NA)	78,076	213,146	73,688	138,827	189,760	344,252	837,276	1,175,724	26,138	93	93
	1956 <sup>7</sup> .....	(NA)	(NA)	(NA)	81,009	217,387	76,709	149,333	195,631	358,837	854,264	1,207,256	27,207	(NA)	(NA)
	1955 <sup>7</sup> .....	(NA)	(NA)	(NA)	84,823	219,791	80,520	159,262	197,703	353,287	914,848	1,265,988	19,993	(NA)	(NA)
	1954.....	278	357	313	85,275	197,292	80,944	144,959	175,558	288,463	734,646	1,033,579	18,501	95	92
	1947.....	(NA)	474	(NA)	121,391	238,913	116,661	(NA)	218,924	(NA)	715,846	1,162,607	(NA)	(NA)	(NA)
2282	Throwing and winding mills: <sup>8</sup>														
	1958.....	182	195	119	11,862	37,580	10,275	20,265	28,699	67,648	106,331	174,646	3,164	95	77
2283	Wool yarn mills: <sup>8</sup>														
	1958.....	142	150	122	15,977	54,202	14,675	29,057	45,078	91,212	181,244	273,584	5,149	85	78
2284 (old SIC 2223)	Thread mills:														
	1958.....	70	86	49	11,213	35,479	9,727	18,482	27,006	62,965	105,618	168,570	1,777	90	91
	1957 <sup>7</sup> .....	(NA)	(NA)	(NA)	12,727	40,320	11,033	21,484	30,520	72,756	126,511	197,416	4,608	(NA)	(NA)
	1956 <sup>7</sup> .....	(NA)	(NA)	(NA)	14,048	42,166	12,334	24,222	33,263	76,706	126,462	203,647	8,062	(NA)	(NA)
	1955 <sup>7</sup> .....	(NA)	(NA)	(NA)	14,330	42,437	12,698	25,416	33,642	74,980	135,670	208,188	(NA)	(NA)	(NA)
	1954.....	84	97	53	13,908	38,281	12,221	22,807	29,267	62,406	122,220	185,553	8,543	88	94
	1953 <sup>7</sup> .....	(NA)	(NA)	(NA)	14,802	40,986	13,296	25,669	33,431	70,995	102,957	173,952	(NA)	(NA)	(NA)
	1952 <sup>7</sup> .....	(NA)	(NA)	(NA)	14,828	41,891	13,113	25,635	33,597	66,059	118,602	184,661	(NA)	(NA)	(NA)
	1951 <sup>7</sup> .....	(NA)	(NA)	(NA)	17,331	47,542	15,277	29,871	37,774	79,159	(NA)	(NA)	(NA)	(NA)	(NA)
	1950 <sup>7</sup> .....	(NA)	(NA)	(NA)	15,812	41,347	13,920	28,433	32,686	67,039	112,790	179,829	(NA)	(NA)	(NA)
	1949 <sup>7</sup> .....	(NA)	(NA)	(NA)	14,287	35,261	12,642	24,370	33,486	66,520	85,479	151,999	(NA)	(NA)	(NA)
	1947.....	83	89	58	14,652	33,240	13,126	26,494	26,930	67,372	86,897	154,269	(NA)	85	(NA)
	1939.....	(NA)	87	(NA)	(NA)	(NA)	14,382	(NA)	11,458	27,122	29,164	56,286	(NA)	(NA)	(NA)

NA Not available. <sup>7</sup>Revised.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 the shipments figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding values of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)		Cost of Materials, etc. (\$1,000)		Value of Shipments (\$1,000)	
	1954		1958	1954	1958	1954
2224	298,833		(NA)	731,793	(NA)	1,030,627
2296	(NA)		300,820	(NA)	375,780	(NA)
2281	(NA)		558,525	(NA)	851,377	(NA)
2284	62,694		103,141	121,052	165,906	183,746

<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>6</sup>A revision in the definition of the "Yarn Mills, Cotton System Industry," (Census Code 2224) was introduced in the 1957 Standard Industrial Classification. The major change created two new industries: "Yarn Mills, Except Wool," Code 2281, and "Tire Cord and Fabric Mills," Code 2296. Other revisions were also made and are described in the text. The resulting shifts in establishments, and value added by manufacture are further described in table 1A. In order to provide 1958 data comparable with prior information, the 1958 reports were tabulated and are summarized above on the basis of the old Standard Industrial Classification system in addition to the new system. Industry 2296 is not part of the group covered by this report. However, 1958 data are provided here because it previously was part of old Industry 2224.

<sup>7</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable and prior data are not available. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.



Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined industry.)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2281, Yarn mills, except wool.....	r356	r310	r67,836	r292,219	xxx	xxx	xxx	xxx
Old Industry 2212, Yarn mills, wool except carpet....	r17	r17	r3,743	r22,689	r132	r114	r15,809	r88,101
Old Industry 2224, Yarn mills, cotton system.....	316	282	61,929	259,114	359	311	75,538	337,461
Old Industry 2271, Wool carpets and rugs.....	11	10	1,297	5,824	115	86	24,995	180,247
All other Industries <sup>1</sup> .....	12	1	867	4,592	xxx	xxx	xxx	xxx
New Industry 2282, Throwing and winding mills.....	195	119	11,862	67,648	xxx	xxx	xxx	xxx
Old Industry 2222, Yarn throwing mills.....	117	88	9,085	50,902	117	88	9,085	50,902
Old Industry 2224, Yarn mills, cotton system.....	18	4	178	1,085	r359	311	75,538	337,461
Old Industry 2299, Textile goods, nec.....	35	23	2,245	13,948	r175	72	10,119	74,919
All other Industries <sup>1</sup> .....	25	4	354	1,713	xxx	xxx	xxx	xxx
New Industry 2283, Wool yarn mills.....	150	122	15,977	91,212	xxx	xxx	xxx	xxx
Old Industry 2212, Yarn mills, wool, except carpet....	111	96	12,009	65,197	r132	r114	r15,809	r88,101
Old Industry 2271, Wool carpets and rugs.....	36	26	3,951	25,966	115	86	24,995	180,247
All other Industries <sup>1</sup> .....	3	...	17	49	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>These data are for a miscellaneous group of establishments which were classified in the industry because of shifts in their product classification made to conform to the new SIC and classification errors for small establishments which were not corrected since they were not statistically significant.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2281	Yarn mills, except wool, total.....	r356	r310	r67,636	r179,782	r63,864	r117,472	r157,616	r292,219	r855,363	r15,507	(2)	(2)	(2)
	New England.....	31	21	2,426	7,624	2,142	4,149	6,254	10,714	31,979	571			
	New Hampshire....	5	3	283	934	254	432	756	985	3,884	(3)			
	Massachusetts...	14	11	1,227	3,954	1,062	2,136	3,291	5,556	14,423	(3)			
	Middle Atlantic...	34	15	1,492	4,977	1,301	2,385	3,781	9,096	25,488	531			
	South Atlantic....	r246	r238	r54,606	r140,175	r51,629	r94,726	r124,047	r227,876	r675,177	r12,185			
	North Carolina....	r188	r183	r41,585	r107,643	r39,402	r72,666	r95,288	r179,901	r531,821	r9,376			
	Georgia.....	37	34	9,772	23,983	9,165	16,357	21,252	35,100	102,433	2,142			
	East South Central	32	32	8,812	25,361	8,343	15,386	22,241	42,401	117,641	1,925			
	Tennessee.....	7	7	2,185	6,711	2,065	4,180	6,050	11,155	27,838	(3)			
	All other divisions.....	13	4	500	1,645	449	826	1,293	2,132	5,078	(3)			
2282	Throwing and winding mills, total.....	195	119	11,862	37,580	10,275	20,265	28,699	67,648	174,646	3,164	(2)	(2)	(2)
	New England.....	25	14	1,031	3,704	865	1,638	2,625	6,782	18,494	(3)			
	Rhode Island....	16	8	632	2,223	526	1,044	1,610	4,067	10,783	(3)			
	Middle Atlantic...	122	68	6,553	20,828	5,563	10,682	15,304	34,671	81,718	1,235			
	New York.....	30	6	835	3,448	495	1,027	1,489	6,124	15,227	(3)			
	New Jersey.....	30	11	679	2,460	592	1,179	1,752	4,680	13,728	(3)			
	Pennsylvania....	62	51	5,039	14,920	4,476	8,476	12,063	23,867	52,763	1,131			
	South Atlantic....	39	32	3,688	11,338	3,320	6,858	9,337	23,226	65,851	1,582			
	North Carolina..	26	21	2,348	7,405	2,027	4,244	5,727	15,866	46,351	1,543			
	All other divisions.....	9	5	590	1,710	527	1,087	1,433	2,964	8,583	(3)			
2283	Wool yarn mills, total.....	150	122	15,977	54,202	14,675	29,057	45,078	91,212	273,584	5,149	(2)	(2)	(2)
	New England.....	76	65	7,870	26,376	7,259	14,167	22,375	43,048	110,304	1,567			
	New Hampshire...	5	3	186	542	165	303	460	824	977	(3)			
	Massachusetts...	31	26	1,730	6,014	1,555	3,054	4,870	11,673	21,737	(3)			
	Rhode Island....	24	22	4,405	14,705	4,085	7,900	12,561	22,083	67,470	657			
	Connecticut.....	7	6	606	2,323	548	1,104	1,945	3,589	7,483	(3)			
	Middle Atlantic...	37	30	3,762	14,015	3,468	6,803	11,817	23,345	72,301	659			
	Pennsylvania....	23	20	1,945	7,587	1,788	3,489	6,186	12,584	36,524	(3)			
	East North Central	6	5	630	2,453	531	1,072	1,488	3,382	10,651	(3)			
	South Atlantic....	23	18	3,342	10,107	3,095	6,414	8,420	19,526	74,814	2,639			
	South Carolina..	8	7	1,755	5,360	1,634	3,410	4,541	11,812	48,426	1,951			
	All other divisions.....	8	4	373	1,251	322	601	978	1,911	5,514	(3)			
2284	Thread mills, total.	86	49	11,213	35,479	9,727	18,482	27,006	62,965	168,570	1,777	13,908	62,694	14,652
	New England.....	24	17	3,652	12,433	3,138	6,059	9,059	20,412	44,996	(3)	3,696	18,483	8,692
	Connecticut.....	7	5	2,197	7,167	1,936	3,779	5,503	13,080	27,648	(3)	2,469	11,316	2,444
	Middle Atlantic...	34	10	704	2,613	529	1,026	1,705	5,199	14,802	(3)	1,111	6,862	1,478
	New York.....	29	7	434	1,703	284	530	1,034	2,903	11,126	(3)	(4)	(4)	(4)
	South Atlantic....	21	19	6,555	19,455	5,805	10,891	15,483	35,809	105,447	1,273	(5)	(5)	(5)
	All other divisions.....	7	3	302	978	255	506	759	1,545	3,325	(3)	29	121	(D)

Note: Detailed figures may not add to the totals because of independent rounding. <sup>1</sup>Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2281, Yarn Mills, Except Wool: New England—Maine, 1 (1-19); Rhode Island, 7 (250-499); Connecticut, 4 (500-999); Middle Atlantic—New York, 10 (100-249); New Jersey, 11 (100-249); Pennsylvania, 13 (1000-2499); East North Central—Ohio, 1 (1-19); Illinois, 1 (100-249); Wisconsin, 2 (20-99); West North Central—Minnesota, 1 (20-99); South Atlantic—Delaware, 2 (250-499); Maryland, 1 (250-499); South Carolina, 18 (2,703); East South Central—Kentucky, 1 (250-499); Alabama, 24 (5,000-9,999); West South Central—Texas, 3 (20-99); Pacific—California, 5 (20-99).

SIC 2282, Throwing and Winding Mills: New England—New Hampshire, 1 (20-99); Massachusetts, 5 (100-249); Connecticut, 3 (100-249); East North Central—Illinois, 1 (1-19); Michigan, 1 (20-99); Wisconsin, 2 (1-19); South Atlantic—Maryland, 2 (20-99); Virginia, 4 (500-999); South Carolina, 3 (100-249); Georgia, 4 (100-249); East South Central—Tennessee, 4 (250-499); Pacific—California, 1 (20-99).

SIC 2283, Wool Yarn Mills: New England—Maine, 8 (500-999); Vermont, 1 (1-19); Middle Atlantic—New York, 9 (1,101); New Jersey, 5 (500-999); East North Central—Ohio, 2 (100-249); Illinois, 1 (250-499); Michigan, 1 (1-19); Wisconsin, 2 (20-99); West North Central—Minnesota, 1 (20-99); South Atlantic—Maryland, 1 (20-99); Virginia, 2 (100-249); North Carolina, 8 (500-999); Georgia, 4 (250-499); East South Central—Alabama, 2 (100-249); West South Central—Texas, 1 (1-19); Pacific—Oregon, 1 (100-249); California, 3 (20-99).

SIC 2284, Thread Mills: New England—New Hampshire, 2 (20-99); Massachusetts, 9 (500-999); Rhode Island, 6 (500-999); Middle Atlantic—New Jersey, 2 (1-19); Pennsylvania, 3 (250-499); East North Central—Ohio, 1 (1-19); Illinois, 2 (100-249); West North Central—Iowa, 1 (1-19); Missouri, 1 (1-19); South Atlantic—Maryland, 1 (1-19); North Carolina, 12 (2,500-4,999); Georgia, 8 (2,500-4,999); East South Central—Tennessee, 1 (20-99); West South Central—Texas, 1 (20-99).

<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).<sup>4</sup>Less than \$500 thousand.<sup>5</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>6</sup>In 1954, Thread mills in the South had 9,071 employees and \$37,226 value added by manufacture (unadjusted). Data for 1947 are not available.



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958,<sup>1</sup> 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text.)

Ind. code	Industry, region, and State <sup>2</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2224	Yarn mills, cotton system (old classification), total <sup>1</sup> ..	359	311	75,538	202,208	71,090	130,679	179,014	337,461	1,148,803	20,480	85,275	298,833	121,391
	New England.....	22	13	1,270	4,118	1,099	2,160	3,282	5,216	14,364	( <sup>3</sup> )	4,155	15,750	(D)
	Massachusetts.....	9	8	857	2,790	743	1,498	2,272	3,409	9,873	( <sup>3</sup> )	1,717	7,504	(D)
	Middle Atlantic..	49	22	1,902	6,299	1,684	3,086	5,194	10,611	44,169	1,453	1,276	4,242	3,988
	New York.....	14	6	486	1,465	433	798	1,258	2,231	11,205	( <sup>3</sup> )	561	1,634	2,079
	New Jersey.....	20	5	250	932	216	422	704	1,787	4,554	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Pennsylvania..	15	11	1,166	3,902	1,035	1,866	3,232	6,593	28,410	1,202	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	South Atlantic...	247	240	62,361	162,370	58,865	108,000	144,380	272,107	924,245	16,218	( <sup>5</sup> )	( <sup>5</sup> )	(D)
	North Carolina	182	177	41,471	106,504	39,317	72,363	95,171	174,830	548,080	9,323	46,706	151,736	(D)
	Georgia.....	43	41	16,111	42,830	15,138	27,609	38,151	70,750	271,506	5,648	16,845	61,645	28,895
	East South Central.....	32	32	8,754	25,017	8,287	15,216	22,177	43,662	134,748	2,130	( <sup>5</sup> )	( <sup>5</sup> )	...
	Alabama.....	23	23	5,616	15,550	5,339	9,365	13,801	27,151	86,520	1,478	7,057	23,733	(D)
	All other divisions.....	9	4	1,251	4,404	1,155	2,217	3,981	5,865	31,277	( <sup>3</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2224, Yarn Mills, Cotton System: New England—Maine, 1 (1-19); New Hampshire, 3 (100-249); Rhode Island, 8 (100-249); Connecticut, 1 (20-99); East North Central—Ohio, 2 (500-999); Illinois, 1 (100-249); Wisconsin, 1 (1-19); South Atlantic—Maryland, 1 (250-499); Virginia, 1 (100-249); South Carolina, 20 (2,500-4,999); East South Central—Kentucky, 1 (250-499); Tennessee, 8 (2,500-4,999); West South Central—Texas, 2 (20-99); Pacific—California, 3 (20-99).

<sup>2</sup>See footnote 8 of table 1. This table 2A is based on the definition of the industry under the 1954 Census of Manufactures.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>5</sup>In 1954, data for the South Atlantic and East South Central States were combined with "All other divisions." The total employment was 79,842 and the unadjusted value added was \$278,841.

MANUFACTURES—INDUSTRY STATISTICS  
Table 3.—Detailed Statistics for the United States: 1958

Item	Yarn mills, except wool (SIC 2281)	Throwing and winding mills (SIC 2282)	Wool yarn mills (SIC 2283)	Thread mills (SIC 2284)
Primary product specialization ratio <sup>1</sup> .....	93	95	85	90
Coverage ratio <sup>2</sup> .....	77	77	78	91
Number of establishments, total.....	7356	195	150	86
With 1-19 employees.....	46	76	28	37
With 20-99 employees.....	76	86	64	26
With 100 employees or more.....	7234	33	58	23
Proprietors and working partners.....Number..	42	57	31	25
All employees:				
Number (average for the year).....	767,836	111,862	15,977	11,213
Payroll.....\$1,000..	179,782	37,580	54,202	35,479
Production workers:				
Number (average for the year).....	763,864	110,275	14,675	9,727
March.....	764,464	9,960	13,573	10,041
May.....	763,050	9,680	14,487	9,551
August.....	763,629	10,471	15,067	9,471
November.....	764,313	10,991	15,572	9,841
Man-hours.....1,000..	117,472	20,265	29,057	18,482
January-March.....do....	29,540	4,854	6,483	4,932
April-June.....do....	28,081	4,792	7,145	4,525
July-September.....do....	28,814	5,014	7,433	4,185
October-December.....do....	31,037	5,605	7,996	4,840
Wages.....\$1,000..	157,616	28,699	45,078	27,006
Cost of materials, etc., total.....do....	562,429	106,331	181,244	105,618
Materials, parts, containers, and supplies consumed.....do....	541,034	91,060	172,707	97,851
Cost of resales.....do....	3,904	10,462	727	2,477
Fuels consumed.....do....	1,932	658	1,217	1,231
Electricity purchased.....do....	12,906	2,428	2,342	1,705
Contract work.....do....	2,653	1,723	4,251	2,354
Value of shipments (including resales), total.....do....	855,363	174,646	273,584	168,570
Value of resales.....do....	3,986	10,647	815	2,664
Value added by manufacture, adjusted.....do....	292,219	67,648	91,212	62,965
Manufacturers' inventories:				
Beginning of year, total.....do....	124,265	17,111	40,458	39,773
Finished products.....do....	32,283	6,325	9,644	15,982
Work-in-process.....do....	25,831	4,266	13,624	15,635
Materials, supplies, fuel, etc.....do....	66,151	6,520	17,190	8,156
End of year, total.....do....	117,378	16,324	38,635	38,551
Finished products.....do....	31,781	5,571	8,432	15,798
Work-in-process.....do....	25,618	4,353	13,708	15,832
Materials, supplies, fuel, etc.....do....	59,979	6,400	16,495	6,921
Expenditures for plant and equipment, total.....do....	18,212	3,874	8,181	1,833
New, total.....do....	15,507	3,164	5,149	1,777
New structures and additions to plant.....do....	1,715	418	1,011	458
New machinery and equipment.....do....	13,792	2,746	4,138	1,319
Used plant and equipment.....do....	2,705	710	3,032	56

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2281	Yarn mills, except wool:											
	Number of establishments.....	<sup>r</sup> 356	19	10	17	26	50	151	<sup>r</sup> 56	26	1	...
	All employees:											
	Number.....	<sup>r</sup> 67,836	38	77	261	855	3,772	24,927	<sup>r</sup> 18,755	<u>19,151</u>	(D)	...
	Payroll.....\$1,000..	<sup>r</sup> 179,782	139	197	758	2,273	10,298	65,526	<sup>r</sup> 50,857	<u>49,734</u>	(D)	...
	Value added, adjusted..do....	<sup>r</sup> 292,219	396	281	1,073	3,801	15,970	106,663	<sup>r</sup> 87,328	<u>76,707</u>	(D)	...
	Value of shipments.....do....	<sup>r</sup> 855,363	1,014	741	2,683	9,352	47,413	307,362	<sup>r</sup> 268,878	<u>217,920</u>	(D)	...
	Capital expend., new...do....	<sup>r</sup> 15,507	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,226	6,251	<sup>r</sup> 4,326	<u>3,318</u>	(D)	...
2282	Throwing and winding mills:											
	Number of establishments.....	195	31	20	25	51	35	22	11	...	...	...
	All employees:											
	Number.....	11,862	70	127	341	1,756	2,590	3,147	3,831	...	...	...
	Payroll.....\$1,000..	37,580	209	413	1,205	5,345	7,670	10,662	12,076	...	...	...
	Value added, adjusted..do....	67,648	454	1,031	2,109	10,601	12,459	22,875	18,119	...	...	...
	Value of shipments.....do....	174,646	1,021	2,258	4,692	25,634	31,569	62,118	47,354	...	...	...
	Capital expend., new...do....	3,164	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,394	1,090	...	...	...
2283	Wool yarn mills:											
	Number of establishments.....	150	11	5	12	36	28	42	14	2	...	...
	All employees:											
	Number.....	15,977	<u>52</u>	(D)	175	1,237	2,011	6,390	<u>6,112</u>	(D)	...	...
	Payroll.....\$1,000..	54,202	<u>161</u>	(D)	489	4,309	7,006	21,422	<u>20,815</u>	(D)	...	...
	Value added, adjusted..do....	91,212	<u>304</u>	(D)	899	6,451	10,493	36,861	<u>36,204</u>	(D)	...	...
	Value of shipments.....do....	273,584	<u>580</u>	(D)	1,619	17,941	22,270	106,592	<u>124,582</u>	(D)	...	...
	Capital expend., new...do....	5,149	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,342	<u>2,882</u>	(D)	...	...
2284	Thread mills:											
	Number of establishments.....	86	14	9	14	13	13	8	8	5	2	...
	All employees:											
	Number.....	11,213	28	63	191	404	908	1,256	2,842	<u>5,521</u>	(D)	...
	Payroll.....\$1,000..	35,479	110	272	754	1,385	3,043	4,206	8,438	<u>17,271</u>	(D)	...
	Value added, adjusted..do....	62,965	242	315	1,395	2,106	5,456	6,704	15,169	<u>31,578</u>	(D)	...
	Value of shipments.....do....	168,570	778	2,006	5,200	8,244	13,978	17,024	32,112	<u>89,228</u>	(D)	...
	Capital expend., new...do....	1,777	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	503	<u>837</u>	(D)	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>r</sup>Revised.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2281	Yarn mills, except wool <sup>3</sup> .....1958..	855,363	768,773	55,877	30,713	93	999,838	768,773	231,065	77
2282	Throwing and winding mills <sup>3</sup> .....1958..	174,646	151,985	8,575	14,086	95	198,610	151,985	46,625	77
2283	Wool yarn mills <sup>3</sup> .....1958..	273,584	216,046	38,925	18,613	85	278,534	216,046	62,488	78
2284	Thread mills.....1958..	168,570	147,622	15,835	5,113	90	162,953	147,622	15,331	91
	.....1954..	185,553	157,729	21,447	6,377	88	166,979	157,729	9,250	94

<sup>1</sup>Revised.

<sup>2</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>4</sup>Comparable 1954 data are not available because of extensive revisions in the industry definitions. (See text and table 1A)

<sup>5</sup>Included in this industry are finished yarns, except wool which are also primary to Industry 2269, Finishing Plants NEC. A coverage ratio computed on the basis of including both industries to which yarns (gray and finished) are primary would total 86 percent; 77 percent by Industry 2281, and 9 percent by Industry 2269. The remaining 14 percent was shipped by establishments in other industries.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Yarn mills, except wool industry	Yarn mills, except wool (SIC 2281)	Weaving mills, cotton (SIC 2211) <sup>1</sup>	Weaving mills, synthetic (SIC 2221) <sup>1</sup>	Finishing plants, nec (SIC 2269)	Wool yarn mills (SIC 2283) <sup>1</sup>	Tire cord and fabric (SIC 2296) <sup>1</sup>	Other industries	All industries
	Total shipments of the industry.....	855,363	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Primary products.....	768,773	41,830	20,724	91,136	23,536	34,851	218,988	999,838
22811	} Carded cotton yarns.....	280,252	26,593	(D)	8,495	(D)	18,472	3,978	338,769
22812		266,348	8,716	(D)	77,195	...	(D)	4,612	360,701
22690 pt	} Combed cotton yarns.....	85,448	4,803	8,796	5,446	2,177	3,845	3,141	113,656
22813		119,757	...	10,499	...	20,972	(D)	(D)	166,813
22690 pt	} Rayon and/or acetate spun yarns.....	16,968	1,718	...	...	(D)	...	(D)	19,899
22814		55,877	xxx	xxx	xxx	xxx	xxx	xxx	xxx
22810	Other spun man-made fiber and silk yarn.....	10,624	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Yarns, except wool, nsk.....	9,306	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2211-	Cotton broad-woven fabrics.....	6,536	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2221-	Man-made fiber and silk broad-woven fabrics..	11,448	xxx	xxx	xxx	xxx	xxx	xxx	xxx
22821	Thrown filament yarns, including textured....	2,298	xxx	xxx	xxx	xxx	xxx	xxx	xxx
22831	Wool yarns, except carpet.....	5,931	xxx	xxx	xxx	xxx	xxx	xxx	xxx
22832	Wool carpet yarns.....	9,734	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2284-	Thread.....	30,713	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	2,216	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	2,495	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Commission receipts for--	3,283	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Spinning yarn.....	18,733	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Finishing of cotton and man-made fiber	3,986	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	textiles, except woven fabrics.....								
	Other.....								
	Sales of scrap and refuse.....								
	Receipts for products bought and resold								
	without further manufacture.....								

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Throwing and winding mills industry	Throwing and winding mills (SIC 2282)	Weaving mills, synthetics (SIC 2221)	Yarn mills, except wool (SIC 2281)	Other industries	All industries	
	Total shipments of the industry.....	174,646	xxx	xxx	xxx	xxx	
	Primary products.....	151,985	19,619	6,869	<sup>a</sup> 20,137	198,610	
22801	Thrown filament yarns, including textured yarns.....	89,499	18,599	6,536	6,429	121,063	
22802	Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment).....	39,901	(D)	(D)	10,804	51,362	
22809	Commission receipts for throwing, plying, etc., of yarns owned by others.....	22,585	(D)	(D)	2,904	26,185	
	Secondary products.....	48,575	xxx	xxx	xxx	xxx	
	Miscellaneous receipts.....	14,086	xxx	xxx	xxx	xxx	
	Commission receipts (other than commission throwing, plying, etc.)..	3,146	xxx	xxx	xxx	xxx	
	Receipts for products bought and resold without further manufacture.	10,647	xxx	xxx	xxx	xxx	
	Other.....	293	xxx	xxx	xxx	xxx	
Prod. class code	Wool yarn mills industry	Wool yarn mills (SIC 2283)	Weaving, finishing mills, wool (SIC 2231)	Yarn mills, except wool (SIC 2281)	Woven carpets and rugs (SIC 2271)	Other industries	All industries
	Total shipments of the industry.....	273,584	xxx	xxx	xxx	xxx	xxx
	Primary products.....	216,046	17,630	13,746	18,927	<sup>5</sup> 12,185	278,534
22831	Wool yarns, except carpet.....	150,729	(D)	11,448	...	(D)	180,677
22832	Wool carpet yarns.....	65,317	(D)	2,298	18,927	(D)	97,857
	Secondary products.....	38,925	xxx	xxx	xxx	xxx	xxx
2281-	Spun yarns, except wool.....	23,536	xxx	xxx	xxx	xxx	xxx
2282-	Thrown and rewound yarns, including commission receipts.....	5,488	xxx	xxx	xxx	xxx	xxx
22970	Scouring and combing mill products.....	5,273	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	4,628	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	18,613	xxx	xxx	xxx	xxx	xxx
	Commission receipts for work done for others.....	15,344	xxx	xxx	xxx	xxx	xxx
	Receipts for products bought and resold without further manufacture.	815	xxx	xxx	xxx	xxx	xxx
	Other.....	2,454	xxx	xxx	xxx	xxx	xxx
Prod. class code	Thread mills industry	Thread mills (SIC 2284)	Other industries		All industries		
	Total shipments of the industry.....	168,570	xxx		xxx		
	Primary products.....	147,622	<sup>6</sup> 15,331		162,953		
22841	Finished thread for use in the home.....	25,518	1,118		26,636		
22842	Finished thread for industrial or manufacturers' use.....	89,288	9,999		99,287		
22843	Unfinished thread.....	26,294	4,214		30,508		
22840	Thread, nsk.....	6,522	...		6,522		
	Secondary products.....	715,835	xxx		xxx		
	Miscellaneous receipts.....	5,113	xxx		xxx		
	Receipts for products bought and resold without further manufacture.	2,664	xxx		xxx		
	Other.....	2,449	xxx		xxx		

D Withheld to avoid disclosing figures for individual companies. <sup>7</sup>Revised.

<sup>1</sup>The yarn shipments data shown for industries other than 2281 and 2269 are for gray yarns only, code 2281-, and exclude finished yarn shipments, code 22690.

<sup>2</sup>Includes between \$2 and \$5 million shipped by Industry 2284, Thread Mills.

<sup>3</sup>Includes \$5,488 thousand shipped by Industry 2283, Wool Yarn Mills. Also includes an amount between \$2 and \$5 million shipped by Industry 2284, Thread Mills.

<sup>4</sup>Includes between \$2 and \$5 million of housefurnishings, nec.

<sup>5</sup>Includes amounts between \$2 and \$5 million shipped by establishments classified in each of the following industries: 2221, Weaving Mills, Synthetics; 2279, Carpets and Rugs, NEC; 2284, Thread Mills.

<sup>6</sup>Includes amounts between \$2 and \$5 million shipped by each of the following industries: 2211, Weaving Mills, Cotton; 2269, Finishing Plants, NEC. Also includes between \$5 and \$10 million shipped by Industry 2281, Yarn Mills, Except Wool.

<sup>7</sup>Includes shipments between \$2 and \$5 million of each of the following product groups: 2281-, Spun yarn, except wool; 2282-, Thrown and rewound yarns, including commission receipts; 22831, Wool yarns, except carpet.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958						1954					
		Total production	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Quantity produced and consumed in same establishment (1,000 pounds)	Total production	Total shipments including inter-plant transfers				
			(1,000 pounds)	Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)			Value (\$1,000)	(1,000 pounds)	Quantity (1,000 pounds)	Value (\$1,000)	
2281---	Spun cotton, man-made fiber, and silk yarns, total.....	xxx	xxx	<sup>r</sup> 999,838	xxx	xxx	xxx	xxx	xxx	<sup>1</sup> 789,997			
22811-- 22610 pt	Carded cotton yarns.....	xxx	xxx	338,769	xxx	xxx	xxx	xxx	xxx	<sup>1</sup> 360,862			
	Yarns spun on cotton system:												
2281111	Weaving yarns (other than carpet).....	2,469,193	181,168	113,026	53,227	33,251	2,276,713	2,833,946	258,605	160,335			
2281121	Carpet yarns (except tufting).....	61,536	58,764	29,866	5,503	2,732	4,143	120,000	113,845	59,240			
2281131	Tufting yarns.....	38,274	36,238	17,385									
2281141	Machine-knitting yarns.....	<sup>2</sup> 180,444	175,583	114,169	26,083	16,152	6,201	<sup>2</sup> 135,341	131,490	78,894			
2281151	Tire cord yarns.....	17,853	( <sup>8</sup> )	( <sup>8</sup> )	4,894	2,797	55,710	{ 11,582 22,657 11,841 468,124	21,366	11,851			
2281161	Cordage, rope, and twine yarns.....	65,515	27,189	14,464									
2281171	Sewing-thread yarns.....	<sup>r</sup> 4,703	2,452	1,575									
2281175	All other carded cotton yarns.....	<sup>r</sup> 65,646	<sup>a</sup> 61,589	<sup>a</sup> 29,684									
	Yarns spun on woolen or worsted systems <sup>5</sup> :												
2281183	Weaving, except carpet.....	2,928	( <sup>8</sup> )	( <sup>8</sup> )	(NA)	(NA)	(NA)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281184	Carpet weaving and tufting yarns.....	(NA)	(NA)	2,014	xxx	xxx	xxx	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281185	Other yarns.....	1,231	<sup>e</sup> 1,032	<sup>e</sup> 573	(NA)	(NA)	(NA)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
	Carded yarns, dyed:												
2281187	Made in the yarn mills, except wool, industry.....	xxx	6,429	5,472	xxx	xxx	xxx	xxx	17,142	13,367			
2269021	Made in other industries <sup>7</sup> .....	xxx	13,745	10,541	xxx	xxx	xxx						
22812-- 22690 pt	Combed cotton yarns.....	xxx	xxx	360,701	xxx	xxx	xxx	xxx	xxx	324,397			
	Yarns spun on cotton system:												
2281211	Weaving yarns.....	<sup>r</sup> 461,166	82,753	71,628	25,010	20,934	<sup>r</sup> 378,460	321,879	56,353	49,590			
2281221	Machine-knitting yarns.....	<sup>r</sup> 188,483	<sup>r</sup> 177,122	<sup>r</sup> 146,288	<sup>r</sup> 37,131	<sup>r</sup> 30,598	<sup>a</sup> 10,742	<sup>a</sup> 176,742	175,188	147,158			
2281231	Sewing-thread yarns.....	<sup>r</sup> 58,688	30,144	32,676	<sup>r</sup> 16,391	<sup>r</sup> 16,857	28,236	54,291	28,729	33,666			
2281241	All other combed cotton yarns.....	10,973	9,867	12,695	923	665	( <sup>8</sup> )	3,310	2,972	4,019			
	Combed cotton yarns, dyed:												
2281251	Made in the yarn mills, except wool, industry.....	xxx	10,108	10,925	xxx	xxx	xxx	xxx	19,906	27,775			
2269023	Made in other industries <sup>7</sup> .....	xxx	18,565	23,835	xxx	xxx	xxx						
	Yarns, mercerized cotton <sup>9</sup> :												
2281261	Made in the yarn mills, except wool, industry <sup>7</sup> .....	xxx	3,446	4,524	xxx	xxx	xxx	xxx	40,559	50,198			
2269032	Made in other industries.....	xxx	32,841	46,529	xxx	xxx	xxx						
	Yarns, bleached:												
2281271	Made in the yarn mills, except wool, industry.....	xxx	3,563	3,146	xxx	xxx	xxx	xxx	11,326	11,991			
2269012	Made in other industries <sup>7</sup> .....	xxx	7,588	8,455	xxx	xxx	xxx						
22813-- 22690 pt	Rayon and/or acetate spun yarns.....	xxx	xxx	113,656	xxx	xxx	xxx	xxx	xxx	<sup>1</sup> 68,248			
	Yarns spun on cotton system:												
2281311	Weaving yarns, except carpet.....	<sup>r</sup> 267,798	73,110	46,029	41,917	26,303	<sup>r</sup> 196,255	{ 12,618	81,466	54,399			
2281315	Carpet and tufting yarns.....	68,403	55,219	34,912	2,525	1,757	304,070						
2281318	Knitting and other yarns.....	13,688	13,447	11,886									
	Yarns spun on woolen and worsted system:												
2281331	Weaving yarns, except carpet.....	<sup>10</sup> 46,976	<sup>10</sup> 1,552	<sup>10</sup> 1,478	(D)	(D)	<sup>10</sup> 45,001	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281333	Carpet and tufting yarns.....	22,744	18,353	11,637	xxx	xxx	xxx	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281335	Knitting and other yarns.....	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	(D)	(D)	( <sup>10</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281341 2269025	Rayon and/or acetate yarns, dyed <sup>11</sup> .....	xxx	6,728	7,694	xxx	xxx	xxx	xxx	12,656	13,849			
22814--	Other spun man-made fiber and silk yarns (noncellulosic fibers - nylon, acrylic, etc.).....	xxx	<sup>r</sup> 101,062	<sup>r</sup> 166,813	xxx	xxx	xxx	xxx	xxx	<sup>1</sup> 36,490			
	Yarns spun on cotton system:												
2281411	Weaving yarns, except carpet.....	<sup>r</sup> 51,590	21,688	28,936	15,697	21,732	<sup>r</sup> 29,570	{ 2,871	37,058	20,693			
2281415	Carpet and tufting yarns.....	11,888	9,070	14,583	2,968	4,644	36,490						
2281417	Knitting and other yarns.....	25,372	24,021	40,789									
	Yarns spun on woolen and worsted system:												
2281421	Weaving yarns, except carpet.....	<sup>r</sup> 10,177	<sup>r</sup> 3,449	<sup>r</sup> 6,658	(NA)	(NA)	(NA)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281425	Carpet and tufting yarns.....	18,052	12,770	18,168	xxx	xxx	xxx	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281427	Knitting and other yarns.....	<sup>r</sup> 29,602	<sup>r</sup> 29,202	<sup>r</sup> 55,901	(NA)	(NA)	(NA)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )			
2281431	Yarns spun on silk system.....	(NA)	862	1,778	xxx	xxx	xxx	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )			
2281000	Cotton and man-made fiber spun yarns, nsk.....	xxx	xxx	19,899	xxx	xxx	xxx	xxx	xxx	...			

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958						1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Transfers to other plants of the same company		Quantity produced and consumed in same establishment (1,000 pounds)	Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)			Quantity (1,000 pounds)	Value (\$1,000)
2282---	Thrown, textured, rewound yarns, etc., including commission receipts for yarn processing, total.....	xxx	xxx	198,610	xxx	xxx	xxx	xxx	xxx	(NA)
22821--	Thrown filament yarns, including textured yarns.....	xxx	xxx	121,063	xxx	xxx	xxx	xxx	xxx	51,693
	Thrown filament yarns, except textured:									
	Weaving yarns:									
2282121	Rayon and/or acetate.....	41,977	3,815	4,581	1,497	2,386	34,206	48,185	6,498	6,868
2282123	Nylon.....	39,479	7,471	14,888	3,963	8,415	22,339	47,981	5,867	15,177
2282125	Other weaving yarns.....	36,524	4,958	7,891	3,902	6,755	30,941	15,782	463	1,179
	Machine-knitting yarns:									
2282131	Nylon.....	13,172	7,033	16,072	(NA)	6,039	1,476	41,416	5,704	20,090
2282133	Other machine-knitting yarns.....	1,178	1,177	2,808				6,901	2,918	5,178
2282135	Other thrown yarns.....	5,109	1,866	4,671				5,895	2,527	3,201
	Textured yarns (including stretch yarns) <sup>13</sup> :									
2282161	Rayon and/or acetate.....	<sup>14</sup> 12,169	<sup>14</sup> 7,239	<sup>14</sup> 13,143	<sup>14</sup> 2,041	<sup>14</sup> 2,661	<sup>14</sup> 3,593	(13)	(13)	(13)
2282163	Nylon.....	26,747	20,139	50,036	(NA)	3,065	268			
2282165	Other textured yarns.....	(14)	(14)	(14)	(14)	(14)	(14)			
2282100	Thrown and textured yarns, nsk.....	xxx	xxx	6,973	xxx	xxx	xxx	xxx	xxx	xxx
2282211	Rewound, plied, twisted, and novelty yarns, other than wool, not spun or thrown at the same establishment.....	xxx	xxx	51,362	xxx	xxx	xxx	xxx	xxx	(NA)
22829--	Commission throwing, plying, etc., of yarns	xxx	xxx	26,185	xxx	xxx	xxx	xxx	xxx	58,956
2282911	Receipts for commission throwing of filament yarns <sup>15</sup> .....	xxx	xxx	18,304	xxx	xxx	xxx	xxx	xxx	58,956
2282951	Receipts for winding, warping, etc., yarn not thrown or spun at the same establishment.....	xxx	xxx	7,881	xxx	xxx	xxx	xxx	xxx	(NA)
2283---	Wool yarns, including carpet and rug yarns <sup>1</sup> , total.....	xxx	xxx	278,534	xxx	xxx	xxx	xxx	xxx	328,034
22831--	Wool yarns, except carpet.....	xxx	xxx	180,677	xxx	xxx	xxx	406,390	106,154	250,124
	Weaving yarns, except carpet:									
2283121	Spun on woolen system machinery.....	222,543	6,984	12,866	15,805	34,039	203,917	238,650	7,596	15,470
2283123	Spun on Bradford system machinery.....	19,505	13,996	26,571			3,970	59,757	26,733	62,105
2283125	Spun on French system machinery.....	7,642	4,329	10,119			2,926	16,356	2,824	8,950
2283127	Spun on other worsted system machinery.....	37,896	14,876	32,370			21,837	24,446	10,798	26,791
	Machine-knitting yarns <sup>2</sup> :									
2283141	Spun on woolen system machinery.....	24,726	20,923	39,404	(D)	(D)	(NA)	<sup>16</sup> 12,003	<sup>16</sup> 11,104	<sup>16</sup> 22,601
2283143	Spun on Bradford system machinery.....	10,341	9,559	20,408	(D)	(D)	(NA)	20,680	18,223	41,508
2283145	Spun on French system machinery.....				(D)	(D)	(NA)	5,775	5,760	16,670
2283147	Spun on other worsted system machinery.....				(D)	(D)	(NA)	18,255	15,759	38,855
2283157	Hand-knitting yarns.....	7,283	6,276	12,747	(D)	(D)	(NA)	<sup>16</sup> 6,353	<sup>16</sup> 4,794	<sup>16</sup> 12,204
2283161	Wool yarns, spun on cotton system.....	xxx	xxx	5,780	xxx	xxx	xxx	4,114	2,563	4,970
2283100	Wool yarns, except carpet, nsk.....	xxx	xxx					xxx	xxx	xxx
2283211	Wool carpet weaving and tufting yarns, spun on woolen or worsted system <sup>1</sup> .....	130,196	72,713	97,857	xxx	xxx	xxx	137,302	56,037	77,910
		1958						1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)		Total shipments including interplant transfers	Quantity (1,000 pounds)	Value (\$1,000)	
			Quantity (1,000 pounds)	Value (\$1,000)						
2284---	Thread, total.....	xxx	xxx	162,953	xxx	xxx	xxx	xxx	xxx	166,979
22841--	Finished thread for use in the home.....	xxx	xxx	26,636	18,645	17,545	39,647			
2284111	Cotton sewing thread.....	4,661	4,610	12,765	6,575	6,049	19,104			
2284151	Cotton crochet, darning, embroidery, and hand knitting thread, and handwork cottons.....	6,104	6,422	11,642	11,925	11,357	19,637			
2284159	Other thread for use in the home, except flax.....	(NA)	(NA)	2,229	145	139	906			
2284100	Finished thread for use in the home, nsk...	xxx	xxx							

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2284---	Thread--Continued						
22842--	Finished thread for industrial or manufacturers' use.....	xxx	xxx	99,287	52,320	51,653	97,528
2284211	Cotton, except industrial weight goods or braided.....	45,798	43,380	65,792	46,153	45,626	74,271
2284213	Cotton industrial weight goods, except braided thread.....	7,169	7,365	8,247	3,152	3,003	5,413
2284217	Cotton braided thread.....	303	298	630			
2284221	Man-made fiber thread.....	3,953	3,949	18,275			
2284231	Other fiber thread, except flax.....	410	556	5,081			
2284200	Finished thread for industrial or manufacturers' use, nsk.....	xxx	xxx	1,262	...	...	...
2284311	Unfinished thread shipped or transferred to other plants for finishing.....	26,625	26,570	30,508	29,274	29,025	29,804
2284000	Thread, nsk.....	xxx	xxx	6,522	...	...	...

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Revised.

NA Not available.

<sup>1</sup>In 1954, separate data were not collected for yarns spun on the woolen and worsted systems by type of fiber. The information for such yarns (cotton, rayon, acetate, and noncellulosic) is included with the data shown for wool yarns, code 2285.

<sup>2</sup>Data for 1954 do not include production of yarn for own use by knitting mills, narrow fabric mills, and cordage and twine mills. The 1958 data are also understated for yarn produced at knitting mills and narrow fabric mills.

<sup>3</sup>For 1958, product code 2281151 is included with 2281175.

<sup>4</sup>In 1954, separate data were collected for blended yarns, chiefly cotton. Data for such yarns are included with code 2281175.

<sup>5</sup>In 1958, a breakdown of woolen and worsted system cotton yarns between carded and combed was not collected. All such yarns are included with carded cotton yarns.

<sup>6</sup>For 1958, product code 2281183 is included with 2281185.

<sup>7</sup>To the extent that finished yarns are made from purchased yarn (code 2269---), the product class totals, 22811, 22812, and 22813 contain some duplication.

<sup>8</sup>For 1958, product code 2281241 is combined with code 2281221.

<sup>9</sup>Includes carded and combed mercerized yarns.

<sup>10</sup>For 1958, code 2281331 is combined with code 2281335.

<sup>11</sup>Includes dyed noncellulosic yarns in both 1954 and 1958.

<sup>12</sup>For 1954, data for spun silk yarns were combined with other items and are therefore not available.

<sup>13</sup>Data for textured yarn exclude production and shipments by establishments producing filament yarn and classified in Industries 2823, Cellulosic Man-Made Fibers, and 2824, Synthetic Organic Fibers, Except Cellulosic. In 1954, data for textured yarns were not reported separately and are included with thrown yarns.

<sup>14</sup>Product code 2282165 is included with code 2282161.

<sup>15</sup>For yarns thrown on commission the figures represent commission receipts rather than the value of the yarns thrown. For 1958, the value represents commission receipts for establishments regardless of industry classification. For 1954, the receipts are only for those establishments classified in Industries 2282 or 2221.

<sup>16</sup>For 1954, hand-knitting yarns spun on the woolen system are included with machine-knitting yarns.

<sup>17</sup>For 1954, "Man-made fiber industrial weight goods and braided thread" are included with "Other fiber thread, except flax."

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Carded cotton yarns (22811 and 22690 pt):</u>		<u>Combed cotton yarns (22812 and 22690 pt):</u>		<u>Rayon and/or acetate spun yarns (22813 and 22690 pt):</u>	
United States, total:		United States, total:		United States, total:	
1958.....	338,769	1958.....	360,701	1958.....	113,656
1954.....	360,862	1954.....	324,397	1954.....	68,248
	1958 <sup>1</sup>		1958 <sup>1</sup>		1958 <sup>1</sup>
New England.....	3,565	Northeast and North Central.....	24,773	New England.....	3,083
South.....	329,799	Massachusetts.....	4,977	Middle Atlantic.....	13,337
North Carolina.....	161,922	Pennsylvania.....	10,481	Pennsylvania.....	10,777
South Carolina.....	19,659			South.....	95,156
Georgia.....	83,269	South.....	335,928	North Carolina.....	49,287
Alabama.....	51,647	North Carolina.....	243,380	South Carolina.....	13,419
Other divisions.....	5,405	South Carolina.....	13,547	Georgia.....	20,864
New Jersey.....	3,034	Georgia.....	19,380	Tennessee.....	4,741
				Alabama.....	4,171
				Other divisions.....	2,080

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Other spun man-made fiber and silk yarns (2281):</u>		<u>Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment) (2282)--</u>	1958 <sup>1</sup>	<u>Wool yarns, except carpet yarns (22831)--Continued</u>	1958 <sup>1</sup>
United States, total:				South.....	45,074
1958.....	100,025			North Carolina.....	20,980
1954.....	36,490			South Carolina.....	14,782
	1958 <sup>1</sup>	Middle Atlantic.....	30,851	Other divisions.....	10,545
New England.....	19,759	New York.....	7,993	<u>Wool carpet yarns (22832):</u>	Value of shipments
Massachusetts.....	5,793	New Jersey.....	8,068	United States, total:	
Rhode Island.....	6,028	Pennsylvania.....	14,790	1958.....	97,857
Middle Atlantic.....	12,815	South Atlantic.....	17,701	1954.....	77,910
New York.....	3,629		Value of shipments		1958 <sup>1</sup>
Pennsylvania.....	9,186	<u>Commission throwing, plying, etc. of yarns (22829):</u>		New England.....	8,041
South Atlantic.....	117,539	United States, total:		Middle Atlantic.....	38,990
North Carolina.....	82,024	1958.....	26,185	Pennsylvania.....	19,607
South Carolina.....	22,317	1954.....	58,956	South Atlantic.....	49,004
Georgia.....	8,075		1958 <sup>1</sup>	North Carolina.....	4,855
Other divisions.....	9,912	New England.....	2,601	Other divisions.....	1,822
<u>Thrown filament yarns, including textured yarns (22831):</u>	Value of shipments	Middle Atlantic.....	11,182	<u>Finished thread for use in the home (22841):</u>	Value of shipments
United States, total:		New Jersey.....	1,397	United States, total:	
1958.....	121,063	Pennsylvania.....	8,904	1958.....	26,636
1954.....	51,693	South Atlantic.....	10,160	1957.....	33,484
	1958 <sup>1</sup>	North Carolina.....	6,157	1956.....	33,683
New England.....	10,408	Other divisions.....	2,242	1955.....	35,205
Middle Atlantic.....	35,161	<u>Wool yarns, except carpet yarns (22831):</u>	Value of shipments	1954.....	39,647
New York.....	2,172	United States, total:			1958 <sup>1</sup>
New Jersey.....	4,049	1958.....	180,677	Northeast.....	3,474
Pennsylvania.....	28,940	1954.....	250,124	South.....	23,160
South Atlantic.....	67,379		1958 <sup>1</sup>	<u>Finished thread for industrial or manufacturers' use (22842):</u>	Value of shipments
Virginia.....	8,883	New England.....	94,595	United States, total:	
North Carolina.....	49,093	Maine.....	8,814	1958.....	99,287
Other divisions.....	8,115	New Hampshire.....	1,326	1957.....	107,863
<u>Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment) (22822):</u>	Value of shipments	Massachusetts.....	17,444	1956.....	106,153
United States, total.....	51,362	Rhode Island.....	59,522	1955.....	109,273
New England.....	2,253	Connecticut.....	7,489	1954.....	97,528
	1958 <sup>1</sup>	Middle Atlantic.....	30,463		1958 <sup>1</sup>
		New York.....	15,002	New England.....	32,575
				Connecticut.....	22,607
				Middle Atlantic.....	10,548
				New York.....	6,379
				South.....	56,164
				North Carolina.....	42,930

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend. Footnotes relating to the comparability of 1958 and prior data are shown in table 6A. This table also shows the detailed composition of the product classes.

<sup>1</sup>For the specified product classes, shipments of \$1 million or more were reported in 1958 for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22811 and 22690 pt, Massachusetts, Connecticut, Illinois, Virginia, and Tennessee; 22812 and 22690 pt, New Jersey, Illinois, Tennessee, and Alabama; 22813 and 22690 pt, Massachusetts, New York, and Maryland; 22814, Maine, New Hampshire, Connecticut, Illinois, Delaware, Virginia, Tennessee, and Alabama; 22821, New Hampshire, Rhode Island, Maryland, South Carolina, and Tennessee; 22822, Virginia, North Carolina, South Carolina, and Georgia; 22829, Massachusetts, Rhode Island, Virginia, South Carolina, and Tennessee; 22831, New Jersey, Pennsylvania, Ohio, Illinois, Wisconsin, Virginia, Georgia, Alabama, and Oregon; 22832, Maine, Massachusetts, Rhode Island, New York, New Jersey, Virginia, Georgia, and South Carolina; 22841, Connecticut, North Carolina, and Georgia; 22842, Massachusetts, Rhode Island, Pennsylvania, Georgia, Tennessee, and Alabama.

TABLE 7 - NOT APPLICABLE TO THIS REPORT

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2281	YARN MILLS, EXCEPT WOOL (entire industry).....	r356	r67,836	r179,782	r63,864	r117,472	r157,616	r292,219	r562,429	r855,363	r15,507
	Establishments with:										
	90% or more specialization.....	r306	r54,560	r143,303	r51,463	r94,761	r125,993	r232,592	r449,068	r681,697	r13,343
	75-89% specialization.....	15	5,495	14,803	5,169	9,071	12,991	22,372	41,163	62,951	686
22811	Carded cotton yarns (primary product class of estab.).....	134	25,580	65,974	24,070	43,292	57,910	104,647	208,735	313,250	5,805
	Establishments with:										
	90% or more specialization....	89	12,578	31,447	11,876	21,206	27,661	52,403	98,919	151,225	3,555
	75-89% specialization.....	15	3,393	9,438	3,150	5,707	7,974	13,811	29,612	43,413	604
22812	Combed cotton yarns (primary product class of estab.).....	101	25,400	66,067	24,216	44,698	59,319	103,722	181,054	284,752	6,125
	Establishments with:										
	90% or more specialization....	83	18,356	46,722	17,540	32,577	42,159	75,937	125,299	200,772	4,483
	75-89% specialization.....	4	1,343	3,745	1,289	2,364	3,338	5,513	11,783	17,759	(1)
22813	Rayon and/or acetate spun yarns (primary product class of estab.)..	38	6,685	19,093	6,231	11,977	16,475	29,920	58,953	89,444	893
	Establishments with:										
	90% or more specialization....	21	2,189	6,625	1,992	3,842	5,411	9,455	20,918	30,695	(1)
	75-89% specialization.....	4	446	1,162	415	821	1,015	2,642	4,093	6,730	(1)
22814	Other spun man-made fiber and silk yarns (primary product class of estab.).....	r37	r8,146	r23,741	r7,464	r14,196	r19,623	r45,800	r100,571	r146,710	r1,893
	Establishments with:										
	90% or more specialization....	r20	r3,034	r9,300	r2,795	r5,505	r7,778	r19,197	r45,885	r65,376	(1)
2282	THROWING AND WINDING MILLS (entire industry).....	195	11,862	37,580	10,275	20,265	28,699	67,648	106,331	174,646	3,164
	Establishments with:										
	90% or more specialization.....	173	10,590	32,723	9,392	18,490	26,090	59,156	95,411	155,413	(D)
	75-89% specialization.....	5	236	689	214	432	535	896	1,118	1,994	(D)
22821	Thrown filament yarns, including textured yarns (primary product class of estab.).....	69	5,638	17,402	4,933	9,683	13,665	36,607	64,588	101,878	2,265
	Establishments with:										
	90% or more specialization....	53	4,073	12,592	3,575	7,030	9,940	27,555	50,697	78,964	1,972
	75-89% specialization.....	6	905	2,552	789	1,484	2,043	4,121	7,469	11,634	(1)
22822	Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment) (primary product class of estab.).....	27	2,150	7,897	1,636	3,247	4,819	13,343	33,829	46,815	(1)
	Establishments with:										
	90% or more specialization....	22	1,483	4,903	1,299	2,542	3,796	8,182	25,389	33,356	(1)
22829	Commission throwing, plying, etc., of yarns (primary product class of estab.).....	86	3,930	11,739	3,572	7,080	9,755	16,674	7,533	24,553	745
	Establishments with:										
	90% or more specialization....	78	3,617	10,806	3,297	6,516	8,959	14,926	6,375	21,666	678
2283	WOOL YARN MILLS (entire industry).....	150	15,977	54,202	14,675	29,057	45,078	91,212	181,244	273,584	5,149
	Establishments with:										
	90% or more specialization.....	82	8,441	29,052	7,746	15,389	24,140	48,611	98,224	146,673	3,248
	75-89% specialization.....	15	2,334	8,157	2,131	4,147	6,865	14,384	29,822	44,208	689
22831	Wool yarns, except carpet (primary product class of estab.).....	78	10,567	35,306	9,673	18,831	29,069	57,633	124,220	183,173	1,675
	Establishments with:										
	90% or more specialization....	54	6,462	22,033	5,927	11,517	18,267	35,166	70,708	105,509	820
	75-89% specialization.....	9	1,342	4,282	1,226	2,372	3,582	7,476	15,716	23,415	(1)
22832	Wool carpet yarns (primary product class of estab.).....	34	3,652	13,228	3,366	7,114	11,024	24,905	53,997	78,478	2,823
	Establishments with:										
	90% or more specialization....	24	1,840	6,502	1,690	3,593	5,411	12,818	25,902	38,925	2,316
2284	THREAD MILLS (entire industry).....	86	11,213	35,479	9,727	18,482	27,006	62,965	105,618	168,570	1,777
	Establishments with:										
	90% or more specialization.....	69	7,722	24,305	6,686	12,852	18,551	40,383	70,816	111,630	907
22842	Finished thread for industrial or manufacturers' use (primary product class of estab.).....	41	5,860	19,471	5,009	9,673	14,207	40,906	65,871	105,434	1,312
	Establishments with:										
	90% or more specialization....	31	2,289	8,079	1,834	3,623	5,268	14,798	29,974	44,964	(1)
22843	Unfinished thread (primary product class of estab.).....	11	2,903	8,088	2,615	4,632	6,693	9,715	16,778	26,565	(1)

D Withheld to avoid disclosing figures for individual companies.

r Revised.

<sup>1</sup> Less than \$500 thousand.



## Miscellaneous Textile Goods

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2291—Felt Goods, Except Woven Felts and Hats
- 2292—Lace Goods
- 2293—Paddings and Upholstery Filling
- 2294—Processed Waste and Recovered Fibers and Flock
- 2295—Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics Except Rubberized
- 2296—Tire Cord and Fabric
- 2297—Wool Scouring, Worsted Combing, and Tow to Top Mills
- 2298—Cordage and Twine
- 2299—Textile Goods, Not Elsewhere Classified

### 2291—Felt Goods, Except Woven Felts and Hats

This industry comprises establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in Industry 2231, and those manufacturing felt hats in Group 235. For a detailed list of products of Industry 2291, refer to table 6A, product codes 2291011 to 2291058.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Felt Goods, N.E.C., Industry in 1958 totaled \$95 million. This included shipments of felt goods (primary products), valued at \$81 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts of \$4 million.

This industry's shipments of felt goods (primary products) in 1958 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 90 percent. Secondary products shipped by this industry in 1958 consisted mainly of paddings and upholstery filling.

Industry 2291 shipments of felt goods, except woven felts, in 1958 represented 86 percent (coverage ratio) of these products valued at \$94 million shipped by all industries. In 1954, the coverage ratio was 92 percent. Other industries shipping felt goods, except woven felts (primary products), consisted mainly of Industry 2231, Weaving and Finishing Mills, Wool, Industry 2279, Carpets and Rugs, N.E.C., and Industry 2293, Padding and Upholstery Filling.

### 2292—Lace Goods

This industry comprises establishments primarily engaged in manufacturing lace machine products, and those

primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in Industry 2397. For a detailed list of products of Industry 2292, refer to table 6A, product codes 2292011 to 2292098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Lace Goods Industry in 1958 totaled \$63 million. This included shipments of lace goods valued at \$52 million, shipments of other products valued at \$1 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$10 million.

This industry's shipments of lace goods in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 99 percent.

Industry 2291 shipments of lace goods (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$55 million shipped by all industries. In 1954, the coverage ratio was 94 percent.

### 2293—Paddings and Upholstery Filling

This industry comprises establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts, and apparel from curled hair, cotton mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in Industry 2429. For a detailed list of products of Industry 2293, refer to table 6A, product codes 2293013 to 2293059.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Padding and Upholstery Filling Industry in 1958 totaled \$140 million. This included shipments of padding, upholstery filling, batting, and wadding (primary products), valued at \$121 million, shipments of other products (secondary products), valued at \$11 million, and miscellaneous receipts (mainly from the resale of purchased products) of \$8 million.

This industry's shipments of padding, upholstery filling, etc. (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary products shipped by this industry in 1958 consisted mainly of housefurnishings, n.e.c., \$2 million; and mattresses and bedsprings, \$2 million.

Industry 2293 shipments of padding, upholstery filling, etc. (primary products) in 1958 represented 88 percent (coverage ratio) of these products valued at \$138 million shipped by all industries. In 1954, the coverage ratio,



was 90 percent. Other industries shipping these products (primary products) consisted mainly of Industry 2515, Mattresses and Bedsprings, \$6 million; and Industry 2291, Felt Goods, N.E.C., \$5 million to \$10 million.

#### 2294—Processed Waste and Recovered Fibers and Flock

This industry comprises establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in nonmanufacturing industries. For a detailed list of products of Industry 2294, refer to table 6A, product codes 2294012 to 2294098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Processed Textile Waste Industry in 1958 totaled \$93 million. This included shipments of recovered fibers, processed mill waste, and related products (primary products), valued at \$69 million, shipments of other products (secondary products), valued at \$3 million, and miscellaneous receipts of \$22 million.

This industry's shipments of recovered fibers, processed mill waste, etc. (primary products) in 1958 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 96 percent.

Industry 2294 shipments of recovered fibers, processed mill waste, and related products (primary products) in 1958 represented 93 percent (coverage ratio) of these products valued at \$74 million shipped by all industries. In 1954, the coverage ratio was 93 percent. Industry 2298 Cordage and Twine shipped \$2 million of recovered fibers, processed mill waste, and related products.

The total shipments of recovered fibers and processed mill waste shown in table 6A do not include sales of "original" mill waste, such as card strips, comber noils, etc., produced at yarn spinning and weaving mills.

#### 2295—Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics Except Rubberized

This industry comprises establishments primarily engaged in manufacturing coated and impregnated textiles, and in the special finishing of textiles such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in Industry 3069, and those primarily engaged in dyeing and finishing textiles in Group 226. For a detailed list of products of Industry 2295, refer to table 6A, product codes 2295111 to 2295398.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Coated Fabric, Not Rubberized Industry in 1958 totaled \$247 million. This included shipments of coated fabric, except rubberized (primary products), valued at \$195 million,

shipments of other products (secondary products), valued at \$42 million, and miscellaneous receipts of \$9 million.

This industry's shipments of coated fabric, except rubberized (primary products) in 1958 represented 82 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 86 percent. Secondary products shipped by this industry in 1958 consisted mainly of miscellaneous plastic products, \$18 million; and coated and glazed paper, \$7 million.

While the primary products of the industry represent more than one class of product the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 19 percent of the total industry shipments are represented by plants specializing in Pyroxylin coated fabrics; 40 percent in resin coated fabrics; and 38 percent in other impregnated and coated fabrics.

Industry 2295 shipments of coated fabric, except rubberized (primary products) in 1958 represented 80 percent (coverage ratio) of these products valued at \$245 million shipped by all industries. In 1954, the coverage ratio was 82 percent. Other industries shipping coated fabrics, except rubberized (primary products), consisted mainly of Industry 3069, Fabricated Rubber Products, N.E.C., \$20 million; and Industry 3079, Miscellaneous Plastic Products, \$12 million.

#### 2296—Tire Cord and Fabric

This industry comprises establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses. For a detailed list of products of Industry 2296, refer to table 6A, product codes 2296010 to 2296038.

Industry 2296 is a new industry as defined in the 1957 edition of the Standard Industrial Classification Manual. Under the old SIC system producers of tire cord and tire fabric were included in Industry 2221, Yarn Mills. (For Census purposes, old Industry 2221 was tabulated in two parts: Woolen and Worsted Yarn Mills, Code 2212, and Cotton System Yarn Mills, Code 2224.) The effect of this change in old Industry 2224 is summarized in table 1A which shows selected 1958 data on both the old and new classifications.

Value of shipments and other receipts of the Tire Cord and Fabric Industry in 1958 totaled \$376 million. This included shipments of tire cord and tire fabric (primary products), valued at \$313 million, shipments of other products (secondary products), valued at \$56 million, and miscellaneous receipts of \$7 million.

This industry's shipments of tire cord and tire fabric (primary products) in 1958 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of carded cotton yarns, \$18 million; other spun yarns, except wool, \$16 million; and woven fabric (cotton and man-made fibers), \$18 million.

Industry 2296 shipments of tire cord and tire fabric (primary products) in 1958 represented 94 percent (coverage ratio) of these products valued at \$332 million shipped by all industries. Other industries shipping tire cord and tire fabric consisted of Industries 2211, Weaving



Mills, Cotton; 2221, Weaving Mills, Synthetics; and 2823, Cellulosic Man-Made Fibers.

#### 2297—Wool Scouring, Worsted Combing, and Tow to Top Mills

This industry comprises establishments primarily engaged in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and combing and converting top. For a detailed list of products of Industry 2297, refer to table 6A, product codes 2297017 to 2297081.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2297 from code number 2211 in the previous classification system but were only slightly changed as to content.

Value of shipments and other receipts of the Scouring and Combing Plants Industry in 1958 totaled \$88 million. This included shipments of scoured wool, tops, and noils, valued at \$53 million, shipments of other products (secondary products), valued at \$5 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$29 million.

This industry's shipments of scoured wool, tops, and noils in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 83 percent.

Industry 2297 shipments of scoured wool, tops, and noils (primary products) in 1958 represented 59 percent (coverage ratio) of these products valued at \$90 million shipped by all industries. In 1954, the coverage ratio was 60 percent. Other industries shipping scoured wool, tops, and noils consisted mainly of 2231, Weaving and Finishing Mills, Wool; and Industry 2283, Yarn Mills, Wool.

Scoured wool, tops, and noils are frequently produced for own use at yarn mills or integrated spinning and weaving mills. The coverage ratio shown above relates to shipments and would be substantially lower if it were based on production. Data on production of top combed for own use by integrated establishments were collected and are shown in table 6A.

#### 2298—Cordage and Twine

This industry comprises establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, man-made fibers including glass, and other fibers. For a detailed list of products of Industry 2298, refer to table 6A, product codes 2298111 to 2298398.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Cordage and Twine Industry in 1958 totaled \$142 million. This included shipments of cordage and twine (primary products), valued at \$123 million, shipments of other products (sec-

ondary products), valued at \$11 million, and miscellaneous receipts (mainly from the resale of purchased products) of \$7 million.

This industry's shipments of cordage and twine (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 90 percent.

While the primary products of the industry represent more than one class of product the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 48 percent of the total industry shipments are represented by plants specializing in hard fiber cordage and twine; 17 percent in soft fiber cordage and twine, except cotton; and 33 percent in cotton cordage and twine.

Industry 2298 shipments of cordage and twine (primary products) in 1958 represented 93 percent (coverage ratio) of these products valued at \$132 million shipped by all industries. In 1954, the coverage ratio was 89 percent.

#### 2299—Textile Goods, Not Elsewhere Classified

This industry comprises establishments primarily engaged in manufacturing linen goods, jute goods except felt, bonded fiber fabrics except felt, and other textile goods, n.e.c. Establishments primarily engaged in manufacturing woven felts are classified in Industry 2231, nonwoven felts in Industry 2291, and cordage and twine in Industry 2298. For a detailed list of products of Industry 2299, refer to table 6A, product codes 2299111 to 2299270.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system.

In the 1954 Census, establishments primarily engaged in winding, warping, and spooling of yarn not spun or thrown in the same establishment were included in old Industry 2299. Processors of novelty yarn made from purchased yarn were also included in old Industry 2299. In the revised SIC all yarn throwing, winding, and spooling mills are classified in the new Industry 2282, Throwing and Winding Mills. This change resulted in the reclassification of a number of plants from the old SIC 2299 to the new SIC 2282. The composition of the new industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

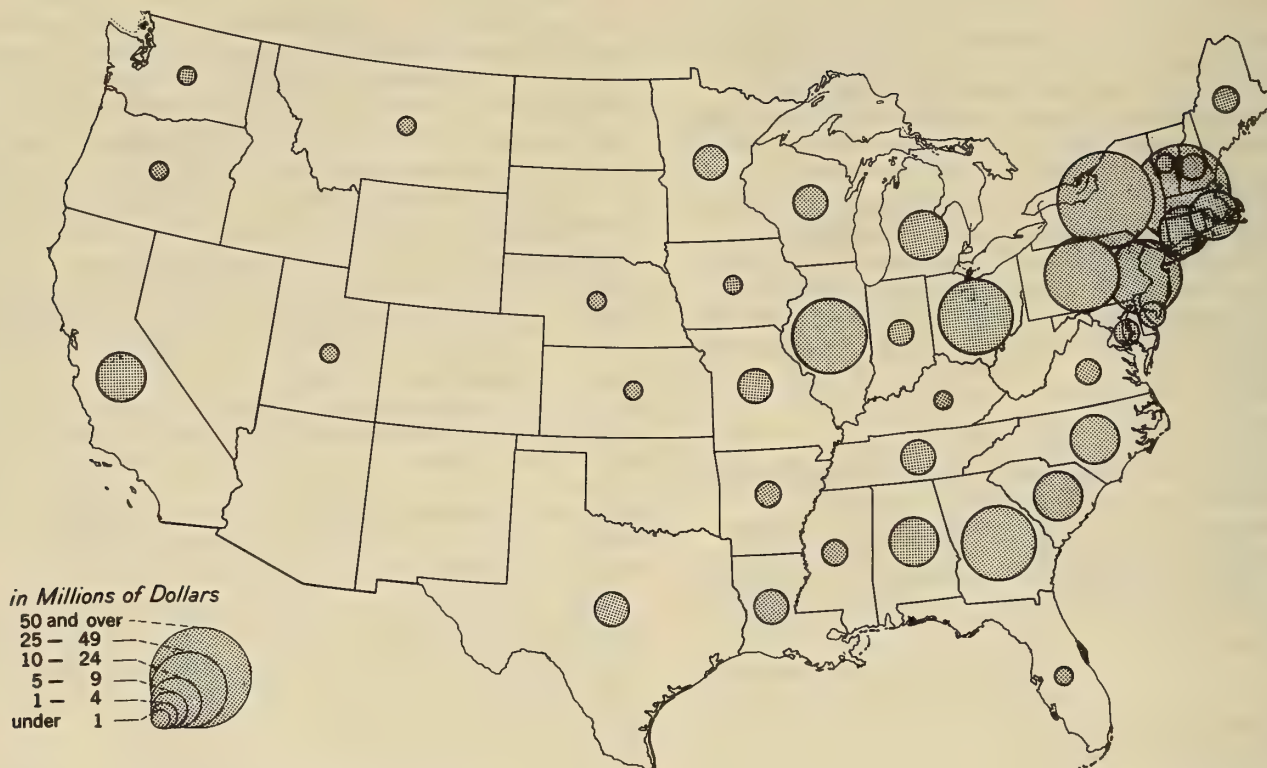
Value of shipments and other receipts of the Textile Goods, N.E.C., Industry in 1958 totaled \$135 million. This included shipments of textile goods, n.e.c. (primary products), valued at \$106 million, shipments of other products (secondary products), valued at \$19 million, and miscellaneous receipts of \$9 million.

Industry 2299 shipments of textile goods, n.e.c. (primary products) in 1958 represented 86 percent (coverage ratio) of these products valued at \$124 million shipped by all industries.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### MISCELLANEOUS TEXTILE GOODS: SIC 229

Value Added by Manufacture by State: 1958



Includes Industries 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298 and 2299. See Table 2.

Bureau of the Census M-58-D229



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>2</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization, ratio <sup>4</sup>	Coverage, ratio <sup>5</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2291 (old SIC 2291)	Felt goods, nec:														
	1958.....	61	66	28	4,573	21,268	3,625	7,704	15,355	44,443	50,210	95,435	1,099	89	86
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	5,858	24,819	4,883	9,779	18,250	45,184	65,189	110,696	(S)	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	6,099	25,137	5,200	10,832	18,942	44,781	67,396	112,574	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	6,133	24,595	5,251	11,191	18,783	47,676	60,144	106,851	(S)	(NA)	(NA)
	1954.....	65	72	33	5,987	28,376	5,182	10,767	18,083	42,610	59,802	101,703	1,623	90	92
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,788	19,561	4,134	8,743	15,211	37,697	49,426	87,123	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,889	20,387	4,277	9,370	15,914	39,492	65,854	105,346	(NA)	(NA)	(NA)
	1947.....	37	46	31	4,737	14,177	4,167	8,777	11,109	24,881	34,885	59,764	(NA)	95	97
	1939.....	(NA)	37	(NA)	3,770	4,870	3,346	(NA)	3,857	10,526	13,048	23,574	(NA)	(NA)	(NA)
	1937.....	(NA)	39	(NA)	4,145	5,540	3,711	(NA)	4,529	11,000	18,649	29,649	(NA)	(NA)	(NA)
	1935 <sup>7</sup> .....	(NA)	40	(NA)	3,974	4,407	3,576	(NA)	3,438	10,192	13,505	23,697	(NA)	(NA)	(NA)
2292 (old SIC 2292)	Lace goods <sup>18</sup>														
	1958.....	201	208	66	6,689	25,764	5,776	10,406	19,452	34,247	26,658	63,282	1,194	98	95
	1956.....	(NA)	(NA)	(NA)	7,928	30,459	6,984	13,665	24,604	44,080	28,819	72,182	(S)	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	8,200	30,209	7,216	13,838	24,174	41,411	27,030	69,923	(S)	(NA)	(NA)
	1954.....	133	138	62	7,442	26,117	6,568	12,521	20,492	37,571	23,775	61,767	1,941	99	94
	1952.....	(NA)	(NA)	(NA)	8,141	27,471	7,152	13,879	21,381	45,994	30,831	75,526	(NA)	(NA)	(NA)
	1947.....	93	96	52	8,580	21,346	7,856	15,403	17,745	44,872	26,099	68,663	(NA)	94	97
	1939.....	(NA)	63	(NA)	8,341	10,792	7,254	(NA)	8,107	15,353	8,785	24,138	(NA)	(NA)	(NA)
	1937.....	(NA)	57	(NA)	8,987	11,023	8,109	(NA)	9,037	17,808	10,534	28,342	(NA)	(NA)	(NA)
	1935.....	(NA)	56	(NA)	8,810	10,814	7,858	(NA)	8,686	17,496	10,032	27,528	(NA)	(NA)	(NA)
	1933.....	(NA)	44	(NA)	6,496	6,647	5,914	(NA)	5,582	11,116	5,813	16,929	(NA)	(NA)	(NA)
	1931.....	(NA)	42	(NA)	(NA)	(NA)	6,043	(NA)	6,289	13,039	6,123	19,162	(NA)	(NA)	(NA)
	1929.....	(NA)	42	(NA)	7,690	10,570	6,854	(NA)	7,670	19,125	10,112	29,237	(NA)	(NA)	(NA)
	1927.....	(NA)	43	(NA)	7,234	9,799	6,482	(NA)	7,585	15,906	11,392	27,298	(NA)	(NA)	(NA)
	1925.....	(NA)	42	(NA)	7,785	9,961	7,006	(NA)	7,620	17,483	13,361	30,844	(NA)	(NA)	(NA)
	1923.....	(NA)	39	(NA)	7,966	10,247	7,307	(NA)	8,085	21,161	14,631	35,792	(NA)	(NA)	(NA)
	1921.....	(NA)	37	(NA)	6,985	8,225	6,396	(NA)	6,209	14,660	11,321	25,981	(NA)	(NA)	(NA)
	1919.....	(NA)	44	(NA)	7,188	8,111	6,490	(NA)	6,087	16,321	13,076	29,397	(NA)	(NA)	(NA)
	1914 <sup>7</sup> .....	(NA)	41	(NA)	8,113	4,679	7,440	(NA)	3,468	7,530	5,677	13,207	(NA)	(NA)	(NA)
2293 (old SIC 2293)	Padding and upholstery filling <sup>18</sup>														
	1958.....	177	196	83	7,139	29,510	5,854	11,626	20,767	57,303	82,114	139,565	2,372	92	88
	1954.....	179	200	82	9,111	33,031	7,777	16,031	24,489	62,633	93,228	155,757	3,485	91	90
	1947.....	124	139	(NA)	8,306	21,466	7,431	(NA)	17,119	44,765	65,587	110,352	(NA)	96	92
	1939.....	(NA)	124	(NA)	5,291	6,188	4,505	(NA)	4,120	13,292	16,921	30,213	(NA)	(NA)	(NA)
	1937.....	(NA)	110	(NA)	5,229	6,019	4,645	(NA)	4,353	12,982	23,888	36,870	(NA)	(NA)	(NA)
	1935 <sup>7</sup> .....	(NA)	110	(NA)	3,746	3,958	3,248	(NA)	2,592	9,778	15,853	25,631	(NA)	(NA)	(NA)
2294 (old SIC 2294)	Processed textile waste <sup>18</sup>														
	1958.....	181	183	68	4,607	17,038	3,811	7,684	11,775	31,100	61,594	93,459	929	96	93
	1957.....	(NA)	(NA)	(NA)	5,999	20,284	5,044	10,556	14,285	35,092	75,600	108,166	600	99	94
	1956.....	(NA)	(NA)	(NA)	6,504	21,156	5,573	11,232	15,007	36,909	74,254	108,682	(S)	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	6,813	20,454	5,680	11,128	14,261	36,545	68,722	103,063	(S)	(NA)	(NA)
	1954.....	198	203	77	5,768	17,570	4,856	10,142	12,717	32,185	66,000	98,159	1,513	96	93
	1947.....	177	179	75	5,805	12,894	5,149	10,982	9,822	22,612	34,643	57,255	(NA)	94	94
	1939.....	(NA)	153	(NA)	5,683	6,167	4,844	(NA)	3,934	10,495	22,479	32,974	(NA)	(NA)	(NA)
	1937 <sup>7</sup> .....	(NA)	125	(NA)	(NA)	(NA)	5,418	(NA)	4,639	11,354	26,555	37,909	(NA)	(NA)	(NA)
2295 (old SIC 2295)	Coated fabric, not rubberized:														
	1958.....	122	126	64	10,182	53,980	7,196	15,405	33,761	100,420	146,231	246,616	8,576	82	80
	1957.....	(NA)	(NA)	(NA)	9,073	50,071	6,649	14,766	32,325	94,562	143,437	235,801	8,645	87	81
	1956.....	(NA)	(NA)	(NA)	9,171	48,806	6,827	14,872	31,417	88,676	144,315	231,224	9,277	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	9,187	47,798	7,102	16,095	32,198	97,652	163,190	258,435	(S)	(NA)	(NA)
	1954.....	103	106	51	8,547	41,699	6,576	14,711	27,386	79,868	133,191	213,627	4,117	86	82
	1953.....	(NA)	(NA)	(NA)	11,826	54,547	8,840	19,471	35,231	107,158	198,067	305,225	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	11,269	49,471	8,533	18,368	32,725	98,090	153,505	251,595	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	12,038	49,574	9,113	19,800	32,319	95,935	177,763	273,698	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	8,939	31,094	6,868	14,674	20,772	66,376	112,101	178,477	(NA)	(NA)	(NA)
	1947.....	106	105	(NA)	8,588	27,925	6,869	(NA)	19,692	52,491	110,106	162,597	(NA)	84	82
	1939 <sup>7</sup> .....	(NA)	92	(NA)	(NA)	(NA)	5,895	(NA)	7,790	28,273	34,929	63,202	(NA)	(NA)	(NA)

See footnotes at end of table.

Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>2</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2296	Tire cord and tire fabrics: <sup>9</sup>														
	1958.....	12	23	23	12,214	36,063	11,322	20,960	32,233	69,844	300,829	375,790	6,029	85	94
2281	Yarn mills, except wool: <sup>9</sup>														
	1958.....	268	r356	r310	r67,836	r179,782	r63,864	r117,472	r157,616	r292,219	r562,429	r855,363	r15,507	93	r77
2224	Yarn mills, cotton system (old classification): <sup>9</sup>														
	1958.....	(NA)	359	311	75,538	202,208	71,090	130,679	179,014	337,461	806,212	1,148,803	20,480	(NA)	(NA)
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	78,076	213,146	73,688	138,827	189,760	344,252	837,276	1,175,724	26,138	93	93
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	81,009	217,387	76,709	149,333	195,631	358,837	854,264	1,207,256	27,207	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	84,823	219,791	80,520	159,262	197,703	353,287	914,848	1,265,988	19,993	(NA)	(NA)
	1954.....	278	357	313	85,275	197,292	80,944	144,959	175,558	288,463	734,646	1,033,579	18,501	95	92
	1947.....	(NA)	474	(NA)	121,391	238,913	116,661	(NA)	218,924	(NA)	715,846	1,162,607	(NA)	(NA)	(NA)
2297 (old SIC 2211)	Scouring and combing plants:														
	1958.....	78	81	46	6,075	22,663	5,392	11,196	17,904	36,073	48,545	87,567	1,275	92	59
	1954.....	70	74	48	7,013	24,300	6,363	12,616	20,134	33,523	65,244	100,663	2,391	83	60
	1947.....	(NA)	56	(NA)	8,412	24,105	7,757	(NA)	20,572	36,920	38,637	75,557	(NA)	16	16
	1939 <sup>10</sup> .....	(NA)	49	(NA)	(NA)	(NA)	6,731	(NA)	6,696	13,015	21,682	34,697	(NA)	(NA)	(NA)
	1937.....	(NA)	31	(NA)	4,786	5,932	4,504	(NA)	4,951	8,361	6,489	14,850	(NA)	(NA)	(NA)
	1935.....	(NA)	32	(NA)	4,472	5,148	4,175	(NA)	4,382	8,444	5,656	14,100	(NA)	(NA)	(NA)
2298 (old SIC 2298)	Cordage and twine:														
	1958.....	128	147	71	9,583	33,134	8,187	15,550	r24,662	65,106	75,775	141,579	1,632	92	93
	1957.....	(NA)	(NA)	(NA)	11,692	39,226	10,097	19,401	28,649	77,759	84,976	161,462	2,530	91	90
	1956.....	(NA)	(NA)	(NA)	12,296	40,277	10,723	20,828	30,230	83,942	87,700	169,782	(S)	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	12,880	39,968	11,239	21,795	30,500	83,423	90,977	174,228	(S)	(NA)	(NA)
	1954.....	119	137	75	12,327	37,374	10,709	20,568	28,128	73,511	85,218	162,702	2,614	90	89
	1953.....	(NA)	(NA)	(NA)	13,887	43,201	12,188	23,618	33,353	75,022	97,910	172,932	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	14,078	42,556	12,268	23,809	32,835	82,308	130,561	213,888	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	15,706	45,932	13,954	27,260	35,953	83,731	153,239	237,989	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	13,985	35,281	12,149	23,359	27,204	59,865	96,765	157,014	(NA)	(NA)	(NA)
	1947.....	132	149	(NA)	16,366	37,143	14,482	(NA)	29,190	73,795	104,606	170,897	(NA)	87	87
	1939 <sup>11</sup> .....	(NA)	124	(NA)	(NA)	(NA)	12,587	(NA)	10,633	30,487	29,267	59,754	(NA)	(NA)	(NA)
	1937.....	(NA)	118	(NA)	15,237	41,643	14,043	(NA)	11,683	28,396	38,022	66,418	(NA)	(NA)	(NA)
	1935.....	(NA)	112	(NA)	13,434	11,915	12,260	(NA)	9,074	23,213	23,743	46,956	(NA)	(NA)	(NA)
	1933.....	(NA)	110	(NA)	12,080	9,149	11,145	(NA)	7,373	20,430	18,284	38,714	(NA)	(NA)	(NA)
	1931.....	(NA)	117	(NA)	(NA)	(NA)	11,087	(NA)	8,627	23,155	24,402	47,557	(NA)	(NA)	(NA)
	1929.....	(NA)	123	(NA)	15,898	16,830	14,489	(NA)	12,834	36,882	54,573	91,455	(NA)	(NA)	(NA)
	1927.....	(NA)	116	(NA)	16,489	17,530	15,084	(NA)	13,674	33,067	56,105	89,172	(NA)	(NA)	(NA)
	1925.....	(NA)	118	(NA)	16,866	17,788	15,400	(NA)	14,019	33,600	66,848	100,448	(NA)	(NA)	(NA)
	1923.....	(NA)	121	(NA)	17,901	19,257	16,382	(NA)	15,148	34,641	53,642	88,283	(NA)	(NA)	(NA)
	1921.....	(NA)	118	(NA)	16,111	16,988	14,593	(NA)	12,924	28,875	46,481	75,356	(NA)	(NA)	(NA)
	1919.....	(NA)	120	(NA)	19,203	18,716	17,622	(NA)	14,700	43,661	89,705	133,366	(NA)	(NA)	(NA)
	1914.....	(NA)	105	(NA)	16,811	8,625	15,769	(NA)	6,996	16,156	43,605	59,761	(NA)	(NA)	(NA)
	1909.....	(NA)	112	(NA)	15,498	6,506	14,629	(NA)	5,304	12,627	29,315	41,942	(NA)	(NA)	(NA)
	1904.....	(NA)	102	(NA)	15,345	6,338	14,614	(NA)	5,338	11,921	36,096	48,017	(NA)	(NA)	(NA)
	1899 <sup>7</sup> .....	(NA)	105	(NA)	13,550	4,780	13,114	(NA)	4,113	11,218	26,632	37,850	(NA)	(NA)	(NA)
2299	Textile goods, nec: <sup>12</sup>														
	1958.....	128	138	49	7,862	32,505	5,964	11,749	20,448	60,841	71,620	134,623	4,017	84	86

NA Not available. <sup>7</sup>Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.



Footnotes for Table 1—22F

<sup>3</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for years prior to 1935 do not include cost of contract work. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding value of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)		Cost of Materials, etc. (\$1,000)		Value of Shipments (\$1,000)	
	1954	1958	1954	1958	1954	1958
2291	41,656	46,802	51,275	91,393	92,931	
2292	37,734	25,269	22,061	61,327	59,795	
2293	61,499	76,181	87,329	132,216	148,828	
2294	30,723	51,024	54,299	80,839	85,023	
2295	80,294	144,312	132,016	244,204	212,310	
2296	(NA)	300,820	(NA)	375,780	(NA)	
2297	35,084	46,710	59,084	85,683	94,168	
2298	77,298	69,859	82,649	135,526	159,949	
2299	(NA)	69,451	(NA)	131,291	(NA)	
2224	298,833	(NA)	731,793	(NA)	1,030,627	

<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>6</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>7</sup>No comparable data are available for prior years.

<sup>8</sup>In this industry, which contains a large number of very small establishments, there is a possibility that some of these small establishments have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

<sup>9</sup>A revision in the definition of the "Yarn Mills, Cotton System Industry," Census Code 2224 was introduced in the 1957 Standard Industrial Classification. The major change created two new industries: "Yarn Mills, except Wool," Code 2281, and "Tire Cord and Fabric Mills," Code 2296. Other revisions were also made and are described in greater detail in the text and table 1A for Industry 2281. In order to provide 1958 data comparable with prior information, the 1958 reports were tabulated and are summarized above on the basis of the old Standard Industrial Classification system. Industry 2281 is not part of the group covered by this report. However, 1958 data are provided here because it previously was part of Industry 2224. In the report for Industry 2281 there is also shown a table 2A, General Statistics by Regions and States which shows the 1958 data on a geographic basis comparable to 1954 and 1947.

<sup>10</sup>Data for 1935-39 include information for "Topmakers" who do not perform any manufacturing operations but sell scoured wool or tops and noils which have been produced for their account by others on a contract or commission basis. The figures for 1947-58 exclude such topmakers and are thus not completely comparable with earlier information.

<sup>11</sup>The figures for 1939 have been revised to include data for fish nets and seines and are comparable with figures for 1947 and later years. Value added in 1939 on a basis comparable with earlier years was \$29.0 million.

<sup>12</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that 1958 data are not comparable with prior information. The details of this revision are described in the text. The resulting shifts in employment and value added by manufacture are further described in table 1A.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.)

Industry	Composition of new industry				Totals of old industry			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2296—Tire cord and fabric.....	23	23	12,214	69,844	xxx	xxx	xxx	xxx
Old Industry 2224—Yarn mills, cotton system <sup>1</sup> .....	23	23	12,214	69,844	359	311	75,538	337,461
New Industry 2299—Textile goods, nec.....	138	49	7,862	60,841	xxx	xxx	xxx	xxx
Old Industry 2299—Textile goods, nec <sup>2</sup> .....	138	49	7,862	60,841	r 175	72	10,119	74,919

<sup>1</sup>Most of the plants previously classified in old Industry 2224 are now classified in new Industry 2281, Yarn Mills, Except Wool.

<sup>2</sup>The difference between the new and old SIC Industry 2299 is largely accounted for by the reclassification of plants into new Industry 2282, Throwing and Winding Mills.

<sup>r</sup>Revised.

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2291	Felt goods, nec, total.....	66	28	4,573	21,268	3,625	7,704	15,355	44,443	95,435	1,099	5,987	41,656	4,737
	New England.....	15	8	1,235	5,684	1,016	2,187	4,411	10,795	21,971	( <sup>2</sup> )	1,262	9,402	1,267
	Massachusetts....	8	6	876	4,187	769	1,691	3,352	7,911	15,857	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Middle Atlantic....	22	7	1,295	6,069	1,057	2,101	4,362	13,249	29,615	( <sup>2</sup> )	1,463	10,007	1,544
	Pennsylvania.....	6	3	281	1,635	230	496	1,011	4,043	9,504	( <sup>2</sup> )	545	4,186	354
	North Central.....	15	7	1,127	5,407	766	1,694	3,509	11,379	24,256	( <sup>2</sup> )	1,813	13,148	1,451
	Illinois.....	7	4	702	3,344	418	925	1,960	7,691	16,599	( <sup>2</sup> )	1,076	8,461	979
	South.....	8	2	297	926	277	529	704	1,807	4,214	( <sup>2</sup> )	986	4,367	475
	Pacific.....	6	4	619	3,182	509	1,193	2,369	7,213	15,379	( <sup>2</sup> )	461	4,729	
	California.....	6	4	619	3,182	509	1,193	2,369	7,213	15,379	( <sup>2</sup> )	461	4,729	
2292	Lace goods, total...	208	66	6,689	25,764	5,776	10,406	19,452	34,247	63,282	1,194	7,442	37,734	8,580
	New England.....	89	28	2,911	11,658	2,530	4,511	9,006	14,958	25,078	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Rhode Island.....	76	24	2,430	9,580	2,150	3,806	7,600	12,392	20,427	( <sup>2</sup> )	2,775	15,285	2,213
	Connecticut.....	7	4	459	1,976	361	673	1,313	2,380	4,273	( <sup>2</sup> )	486	2,514	451
	Middle Atlantic....	110	35	3,533	13,281	3,028	5,485	9,805	18,308	36,100	802	3,898	18,499	5,370
	New York.....	55	21	1,510	5,942	1,302	2,531	4,339	8,386	17,800	( <sup>2</sup> )	1,367	7,090	1,197
	New Jersey.....	44	7	748	2,864	684	1,199	2,513	4,596	8,557	( <sup>2</sup> )	914	4,783	864
	Pennsylvania.....	11	7	1,275	4,475	1,042	1,755	2,953	5,326	9,743	( <sup>2</sup> )	1,617	6,626	3,309
	All other divisions.....	9	3	245	825	218	410	641	981	2,104	( <sup>2</sup> )	3,544	19,235	3,210
2293	Padding and upholstery filling, total.....	196	83	7,139	29,510	5,854	11,626	20,767	57,303	139,565	2,372	9,111	61,499	8,306
	New England.....	22	6	501	2,091	382	785	1,271	4,102	8,546	( <sup>2</sup> )	580	3,314	564
	Rhode Island....	3	2	251	1,014	195	381	639	2,215	4,166	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Middle Atlantic....	55	20	1,308	5,411	1,078	2,123	3,840	9,413	23,496	691	2,024	14,123	1,738
	New York.....	34	11	729	3,075	600	1,173	2,186	5,093	13,560	( <sup>2</sup> )	848	5,315	820
	East North Central	36	24	2,417	11,642	1,997	4,009	8,312	22,092	49,932	1,050	3,312	26,793	3,527
	Ohio.....	7	4	628	3,081	516	1,065	2,390	5,727	11,718	579	685	6,687	384
	Illinois.....	11	8	449	2,368	359	810	1,502	4,574	13,394	( <sup>2</sup> )	699	5,096	635
	Michigan.....	11	7	848	4,054	716	1,336	2,914	6,829	15,521	( <sup>2</sup> )	1,346	10,262	2,111
	West North Central	10	3	515	1,778	430	829	1,470	2,852	6,996	( <sup>2</sup> )	539	3,653	603
	South Atlantic....	27	12	1,137	3,618	995	1,894	2,542	6,793	19,243	( <sup>2</sup> )	1,169	4,150	(D)
	North Carolina..	11	6	721	2,226	641	1,155	1,541	3,874	11,962	( <sup>2</sup> )	417	1,190	378
	Florida.....	5	3	104	340	94	196	286	553	1,432	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	East South Central	8	4	225	832	184	400	561	2,278	7,247	( <sup>2</sup> )	168	1,551	(D)
	West South Central	13	5	551	1,740	480	955	1,366	3,805	8,348	( <sup>2</sup> )	695	3,588	711
	West.....	25	9	485	2,398	308	631	1,405	5,968	15,757	( <sup>2</sup> )	620	4,324	376
	California.....	20	9	465	2,282	292	598	1,333	5,798	15,215	( <sup>2</sup> )	609	4,231	339
2294	Processed textile waste, total.....	183	68	4,607	17,038	3,811	7,684	11,775	31,100	93,459	929	5,768	30,723	5,805
	New England.....	72	24	1,399	5,508	1,163	2,423	3,891	9,144	27,754	( <sup>2</sup> )	1,734	10,224	1,558
	Massachusetts....	50	17	852	3,694	705	1,484	2,639	5,835	15,872	( <sup>2</sup> )	1,124	6,441	1,020
	Rhode Island....	9	2	158	681	126	259	412	1,108	1,854	( <sup>2</sup> )	181	1,326	(D)
	Middle Atlantic....	47	20	1,478	6,038	1,224	2,444	4,104	11,291	33,498	( <sup>2</sup> )	1,542	8,654	1,600
	New York.....	25	12	1,009	4,033	867	1,727	2,830	6,950	19,001	( <sup>2</sup> )	1,078	6,693	1,082
	New Jersey.....	11	6	292	1,223	236	483	880	2,602	6,801	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Pennsylvania.....	11	2	177	782	121	234	394	1,739	7,696	( <sup>2</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	East North Central	19	9	568	1,967	444	934	1,374	3,131	9,653	( <sup>2</sup> )	638	3,015	540
	Illinois.....	5	3	102	476	69	147	295	790	2,047	( <sup>2</sup> )	103	658	136
	West North Central	6	3	365	985	316	600	744	1,981	4,838	( <sup>2</sup> )	426	1,796	402
	South.....	30	12	727	2,274	605	1,174	1,456	4,636	16,012	( <sup>2</sup> )	51,426	57,033	51,705
	South Carolina..	5	2	125	328	107	201	214	526	813	( <sup>2</sup> )	127	462	83
	Pacific.....	9	...	70	266	59	109	206	917	1,704	( <sup>2</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2295	Coated fabric not rubberized, total.....	126	64	10,182	53,980	7,196	15,405	33,761	100,420	246,616	8,576	8,547	80,294	8,588
	New England.....	35	24	2,946	13,770	2,096	4,450	8,929	29,333	73,784	1,325	1,804	13,130	2,583
	Massachusetts....	24	16	2,222	10,735	1,584	3,392	6,890	22,966	57,189	889	1,285	9,740	1,390
	Rhode Island....	5	4	450	1,889	351	700	1,341	3,004	8,659	(2)	341	2,074	394
	Middle Atlantic...	53	22	3,165	17,730	2,262	4,742	10,832	29,832	71,625	2,122	3,585	29,715	3,380
	New York.....	27	8	1,358	7,630	979	1,912	4,620	12,948	29,223	(D)	(4)	(4)	(4)
	New Jersey.....	23	14	1,804	10,089	1,281	2,826	6,203	16,863	42,327	(D)	1,933	15,397	1,757
	North Central.....	20	10	3,442	19,360	2,347	5,132	11,888	34,642	84,482	4,915	2,832	33,737	2,529
	Ohio.....	9	5	2,105	12,008	1,368	2,779	7,153	23,978	53,262	1,100	1,595	21,513	1,280
	South.....	9	4	326	1,378	284	615	1,088	2,914	8,406	(2)	324	3,711	96
	West.....	9	4	303	1,742	207	466	1,024	3,699	8,319	(2)			
2296	Tire cord and fabric, total.....	23	23	12,214	36,063	11,322	20,960	32,233	69,844	375,790	6,029	(6)	(6)	(6)
	Middle Atlantic...	4	4	597	2,081	546	981	1,858	3,532	25,214	(D)			
	South Atlantic....	15	15	9,673	27,619	8,991	16,664	24,740	55,145	288,410	4,731			
	Georgia.....	8	8	6,017	17,144	5,669	10,407	15,461	30,887	158,421	3,586			
	All other divisions.....	4	4	1,944	6,363	1,785	3,315	5,635	11,167	62,166	(D)			
2297	Scouring and combing plants, total.....	81	46	6,075	22,663	5,392	11,196	17,904	36,073	87,567	1,275	7,013	35,084	8,412
	New England.....	48	27	3,686	13,685	3,302	6,823	11,194	22,085	50,128	(2)	5,728	29,059	6,480
	Massachusetts....	29	16	2,523	9,321	2,292	4,826	7,671	17,528	33,803	(2)	3,909	20,408	4,254
	Middle Atlantic...	17	10	1,216	5,355	1,025	2,092	3,795	7,915	25,827	(2)	1,077	5,188	1,739
	Pennsylvania....	12	8	1,128	4,991	948	1,923	3,522	7,738	23,973	(2)	898	4,144	931
	North Central, South and West...	16	9	1,173	3,623	1,065	2,281	2,915	6,073	11,612	660	206	835	193
	South Carolina..	4	3	706	2,256	643	1,445	1,840	3,147	4,359	523	(4)	(4)	(4)
2298	Cordage and twine, total.....	147	71	9,583	33,134	8,187	15,550	24,662	65,106	141,579	1,632	12,327	77,298	16,366
	New England.....	31	18	1,817	6,504	1,455	2,677	4,493	12,907	25,631	(2)	2,008	16,349	(D)
	Massachusetts....	17	10	1,377	4,908	1,090	1,962	3,418	9,767	19,308	(2)	1,473	13,351	(D)
	Connecticut.....	8	6	229	904	189	372	590	1,834	4,033	(2)	237	1,160	338
	Middle Atlantic...	37	16	2,858	11,526	2,329	4,567	7,742	17,921	43,420	(2)	3,424	22,153	(D)
	New York.....	24	10	1,958	7,485	1,584	3,126	5,270	11,287	28,559	(2)	2,352	15,186	2,994
	New Jersey.....	8	2	441	2,351	384	748	1,356	4,111	9,140	(2)	583	4,518	(D)
	Pennsylvania....	5	4	459	1,690	361	693	1,116	2,523	5,721	(2)	488	2,448	1,556
	North Central.....	20	10	776	2,577	649	1,282	2,008	4,883	10,437	(2)	1,280	7,112	(D)
	Illinois.....	5	4	186	630	134	266	442	950	2,109	(2)	355	1,532	(D)
	Michigan.....	4	2	128	486	94	191	308	1,007	2,226	(2)	347	2,650	(D)
	South Atlantic....	19	12	1,690	4,908	1,575	2,991	4,309	10,290	23,738	(2)	2,579	10,514	6,044
	North Carolina..	9	7	982	2,763	938	1,732	2,500	6,179	13,158	(2)	1,043	5,503	
	Georgia.....	4	2	289	779	275	570	698	1,572	4,043	(2)	(4)	(4)	
	East South Central	11	5	1,401	3,948	1,307	2,360	3,430	9,090	17,359	(2)	1,678	9,763	
	West South Central	14	4	601	1,857	535	988	1,514	5,490	11,388	(2)	860	7,754	6,044
	Pacific.....	15	6	440	1,814	337	685	1,166	4,525	9,606	(2)	496	3,650	
	California.....	10	5	381	1,585	289	591	998	4,046	8,484	(2)	388	3,062	

See footnotes at end of table.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2299	Textile goods, nec, total.....	138	49	7,862	32,505	5,964	11,749	20,448	60,841	134,623	4,017			
	New England.....	23	10	1,694	6,918	1,053	2,164	3,551	9,314	25,896	800			
	Massachusetts...	18	9	1,652	6,756	1,024	2,108	3,453	9,064	25,507	779			
	Middle Atlantic...	61	15	2,465	10,295	2,055	3,962	7,470	17,499	38,299	(D)			
	New York.....	38	5	357	1,455	294	555	1,098	3,462	9,665	(2)			
	New Jersey.....	12	6	1,303	5,822	1,120	2,211	4,257	9,144	17,487	551	(6)	(6)	(6)
	Pennsylvania....	11	4	805	3,018	641	1,196	2,115	4,893	11,147	(D)			
	North Central, South and West...	54	24	3,703	15,292	2,856	5,623	9,427	34,028	70,428	(D)			
	North Carolina..	4	2	105	250	93	182	204	488	2,080	(2)			
	Alabama.....	5	3	174	528	126	207	302	1,011	3,749	(2)			
	California.....	13	5	233	957	190	369	663	2,079	4,661	(2)			

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2291, Felt Goods, NEC: New England—New Hampshire, 1 (1-19); Rhode Island, 4 (20-99); Connecticut, 2 (250-499); Middle Atlantic—New York, 11 (250-499); New Jersey, 5 (500-999); North Central—Ohio, 3 (20-99); Michigan, 1 (1-19); Wisconsin, 2 (250-499); Missouri, 2 (1-19); South—Virginia, 2 (100-249); South Carolina, 1 (1-19); Georgia, 1 (100-249); Florida, 1 (1-19); Tennessee, 1 (1-19); Texas, 2 (1-19).

SIC 2292, Lace Goods: New England—Maine, 1 (1-19); Massachusetts, 5 (20-99); East North Central—Ohio, 1 (20-99); South Atlantic—Maryland, 1 (1-19); North Carolina, 1 (20-99); Florida, 1 (1-19); East South Central—Tennessee, 1 (100-249); West South Central—Texas, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 2 (1-19).

SIC 2293, Padding and Upholstery Filling: New England—Vermont, 1 (20-99); Massachusetts, 15 (100-249); Connecticut, 3 (20-99); Middle Atlantic—New Jersey, 7 (100-249); Pennsylvania, 14 (250-499); East North Central—Indiana, 3 (250-499); Wisconsin, 4 (100-249); West North Central—Minnesota, 3 (20-99); Missouri, 6 (250-499); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 3 (20-99); Virginia, 1 (1-19); South Carolina, 2 (100-249); Georgia, 4 (20-99); East South Central—Tennessee, 6 (100-249); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (20-99); Louisiana, 3 (20-99); Texas, 8 (250-499); West—Utah, 1 (1-19); Washington, 3 (1-19); Oregon, 1 (1-19).

SIC 2294, Processed Textile Waste: New England—Maine, 4 (250-499); New Hampshire, 2 (20-99); Connecticut, 7 (20-99); East North Central—Ohio, 10 (250-499); Indiana, 1 (20-99); Michigan, 1 (1-19); Wisconsin, 2 (20-99); West North Central—Minnesota, 3 (100-249); Missouri, 3 (100-249); South Atlantic—Delaware, 2 (20-99); Maryland, 1 (1-19); North Carolina, 10 (100-249); Georgia, 4 (100-249); Florida, 1 (1-19); East South Central—Tennessee, 3 (20-99); Alabama, 1 (100-249); West South Central—Louisiana, 1 (1-19); Texas, 2 (20-99); Pacific—Washington, 1 (1-19); California, 8 (20-99).

SIC 2295, Coated Fabric, Not Rubberized: New England—Maine, 1 (20-99); Connecticut, 5 (100-249); Middle Atlantic—Pennsylvania, 3 (1-19); North Central—Indiana, 1 (1-19); Illinois, 5 (500-999); Michigan, 2 (100-249); Wisconsin, 1 (100-249); Minnesota, 1 (1-19); Nebraska, 1 (1-19); South—Virginia, 1 (20-99); North Carolina, 1 (20-99); South Carolina, 1 (20-99); Georgia, 2 (1-19); Florida, 1 (1-19); Tennessee, 1 (100-249); Alabama, 1 (1-19); Texas, 1 (1-19); West—Montana, 1 (20-99); California, 8 (250-499).

SIC 2296, Tire Cord and Fabric: Middle Atlantic—New York, 1 (100-249); Pennsylvania, 3 (250-499); East North Central—Ohio, 2 (500-999); South Atlantic—Virginia, 1 (100-249); North Carolina, 2 (1,000-2,499); South Carolina, 4 (1,707); East South Central—Tennessee, 1 (500-999); Alabama, 1 (250-499).

SIC 2297, Scouring and Combing Plants: New England—Maine, 2 (20-99); New Hampshire, 2 (20-99); Rhode Island, 13 (1,032); Connecticut, 2 (20-99); Middle Atlantic—New York, 1 (1-19); New Jersey, 4 (20-99); North Central, South and West—Wisconsin, 3 (1-19); North Carolina, 5 (250-499); Texas, 3 (100-249); Oregon, 1 (20-99).

SIC 2298, Cordage and Twine: New England—Maine, 2 (1-19); New Hampshire, 1 (20-99); Rhode Island, 3 (100-249); North Central—Ohio, 5 (100-249); Wisconsin, 2 (20-99); Iowa, 1 (1-19); Missouri, 3 (250-499); South Atlantic—Maryland, 2 (250-499); Virginia, 1 (20-99); South Carolina, 1 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 1 (100-249); Tennessee, 2 (250-499); Alabama, 4 (1,014); Mississippi, 4 (20-99); West South Central—Louisiana, 4 (250-499); Texas, 10 (100-249); Pacific—Washington, 5 (20-99).

SIC 2299, Textile Goods, NEC: New England—Maine, 1 (1-19); Vermont, 1 (1-19); Rhode Island, 3 (20-99); North Central, South and West—Indiana, 2 (20-99); Illinois, 7 (1,001); Michigan, 3 (250-499); Wisconsin, 2 (100-249); Minnesota, 2 (250-499); Missouri, 2 (1-19); Delaware, 1 (250-499); South Carolina, 4 (20-99); Georgia, 2 (250-499); Florida, 1 (1-19); Mississippi, 1 (250-499); Arkansas, 1 (100-249); Texas, 2 (1-19); Oregon, 2 (20-99).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>Included with "All other divisions."

<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>5</sup>Data for the West are included with the South.

<sup>6</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).



Table 3.—Detailed Statistics for the United States: 1958

Item	Felt goods, nec (SIC 2291)	Lace goods (SIC 2292)	Padding and upholstery filling (SIC 2293)	Processed textile waste (SIC 2294)	Coated fabric, not rubberized (SIC 2295)	Tire cord and fabric (SIC 2296)	Scouring and combing plants (SIC 2297)	Cordage and twine (SIC 2298)	Textile goods, nec (SIC 2299)
Primary product specialization ratio <sup>1</sup> .....	89	90	92	96	82	85	92	92	84
Coverage ratio <sup>2</sup> .....	86	92	88	93	80	94	59	93	86
Number of establishments, total.....	66	208	196	183	126	23	81	147	138
With 1-19 employees.....	38	142	113	115	62	0	35	76	89
With 20-99 employees.....	9	46	68	60	41	2	30	43	31
With 100 employees or more.....	19	20	15	8	23	21	16	28	18
Proprietors and working partners.....Number..	18	97	81	80	17	...	23	51	41
All employees:									
Number (average for the year).....	4,573	6,689	7,139	4,607	10,182	12,214	6,075	9,583	7,862
Payroll.....\$1,000..	21,268	25,764	29,510	17,038	53,980	36,063	22,663	33,134	32,505
Production workers:									
Number (average for the year).....	3,625	5,776	5,854	3,811	37,196	11,322	5,392	8,187	5,964
March.....	3,573	5,698	5,753	3,856	7,122	11,581	5,027	8,287	6,026
May.....	3,342	5,498	5,662	3,814	6,781	10,800	5,153	8,141	5,490
August.....	3,491	5,893	5,779	3,764	7,231	11,171	5,780	8,078	6,100
November.....	4,094	6,015	6,222	3,810	7,558	11,736	5,608	8,242	6,240
Man-hours.....1,000..	7,704	10,406	11,626	7,684	15,405	20,960	11,196	15,550	11,749
January-March.....do....	1,862	2,534	2,888	1,923	3,849	5,159	2,554	3,819	2,947
April-June.....do....	1,793	2,558	2,758	1,948	3,654	4,676	2,762	3,958	2,780
July-September.....do....	1,845	2,506	2,877	1,855	3,716	5,145	2,907	3,639	2,800
October-December.....do....	2,204	2,808	3,103	1,958	4,186	5,980	2,973	4,134	3,222
Wages.....\$1,000..	15,355	19,452	20,767	11,775	33,761	32,233	17,904	24,662	20,448
Cost of materials, etc., total.....do....	50,210	26,658	82,114	61,594	146,231	300,829	48,545	75,775	71,620
Materials, parts, containers, and supplies consumed.....do....	45,120	22,366	73,503	48,965	138,957	296,621	44,052	67,515	65,982
Cost of resales.....do....	3,408	1,389	5,933	10,570	1,919	9	1,835	5,916	2,169
Fuels consumed.....do....	919	527	891	467	1,978	422	1,350	524	731
Electricity purchased.....do....	760	446	1,113	714	1,604	3,244	932	1,261	1,137
Contract work.....do....	3	1,930	674	878	1,773	533	376	559	1,601
Value of shipments (including resales), total.....do....	95,435	63,282	139,565	93,459	246,616	375,790	87,567	141,579	134,623
Value of resales.....do....	4,042	1,955	7,349	12,620	2,412	10	1,884	6,317	3,332
Value added by manufacture, adjusted.....do....	44,443	34,247	57,303	31,100	100,420	69,844	36,073	65,106	60,841
Manufacturers' inventories:									
Beginning of year, total.....do....	15,921	16,092	21,034	13,231	46,035	53,000	16,096	39,781	33,839
Finished products.....do....	3,983	5,708	4,192	6,428	15,618	21,726	7,071	17,836	12,843
Work-in-process.....do....	1,409	6,152	1,664	1,568	10,075	12,548	3,604	5,205	5,392
Materials, supplies, fuel, etc.....do....	10,529	4,232	15,178	5,235	20,342	18,726	5,421	16,740	15,604
End of year, total.....do....	14,159	13,046	18,406	12,354	42,549	43,890	13,595	37,695	30,195
Finished products.....do....	3,390	4,663	4,186	5,638	15,925	16,753	4,914	17,659	10,670
Work-in-process.....do....	1,220	4,820	1,522	1,593	9,803	12,404	2,812	4,684	5,403
Materials, supplies, fuel, etc.....do....	9,549	3,563	12,698	5,123	16,821	14,733	5,869	15,352	14,122
Expenditures for plant and equipment, total.....do....	1,167	1,375	2,486	1,008	8,673	6,194	1,753	1,976	4,122
New, total.....do....	1,099	1,194	2,372	929	8,576	6,029	1,275	1,632	4,017
New structures and additions to plant.....do....	164	116	873	371	2,174	1,030	139	490	519
New machinery and equipment.....do....	935	1,078	1,499	558	6,402	4,999	1,136	1,142	3,498
Used plant and equipment.....do....	68	181	114	79	97	165	478	344	105

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>For Industry 2295 information regarding the average number of production workers was collected for the pay period ended nearest the 15th of each month. The number of production workers for each month not shown above were: January, 7,574; February, 7,229; April, 6,822; June, 6,817; July, 6,755; September, 7,316; October, 7,518 and December, 7,635.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2291	Felt goods, nec:											
	Number of establishments.....	66	11	17	10	7	2	13	6	...	...	...
	All employees:											
	Number.....	4,573	22	121	131	<u>395</u>	(D)	2,039	1,865	...	...	...
	Payroll.....\$1,000..	21,268	66	447	591	<u>1,969</u>	(D)	9,577	8,618	...	...	...
	Value added, adjusted..do....	44,443	179	1,038	966	<u>3,699</u>	(D)	19,965	18,596	...	...	...
	Value of shipments.....do....	95,435	315	2,142	1,997	<u>8,074</u>	(D)	44,913	37,994	...	...	...
	Capital expend., new...do....	1,099	...	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...
2292	Lace goods:											
	Number of establishments.....	208	75	39	28	32	14	15	5	...	...	...
	All employees:											
	Number.....	6,689	171	246	387	1,032	878	2,266	1,709	...	...	...
	Payroll.....\$1,000..	25,764	626	963	1,415	4,151	3,451	8,863	6,295	...	...	...
	Value added, adjusted..do....	34,247	1,180	1,563	2,151	5,683	4,706	10,671	8,293	...	...	...
	Value of shipments.....do....	63,282	2,815	3,746	3,790	9,110	8,619	21,788	13,414	...	...	...
	Capital expend., new...do....	1,194	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...
2293	Padding and upholstery filling:											
	Number of establishments.....	196	37	37	39	50	18	10	5	...	...	...
	All employees:											
	Number.....	7,139	86	268	562	1,603	1,179	1,758	1,683	...	...	...
	Payroll.....\$1,000..	29,510	317	1,194	2,437	6,864	5,152	6,667	6,879	...	...	...
	Value added, adjusted..do....	57,303	833	2,321	5,197	15,126	9,157	12,860	11,809	...	...	...
	Value of shipments.....do....	139,565	2,427	6,228	13,583	38,115	24,563	26,925	27,724	...	...	...
	Capital expend., new...do....	2,372	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	516	( <sup>1</sup> )	657	541	...	...	...
2294	Processed textile waste:											
	Number of establishments.....	183	37	34	44	46	14	8	...	...	...	...
	All employees:											
	Number.....	4,607	66	239	603	1,413	967	1,319	...	...	...	...
	Payroll.....\$1,000..	17,038	202	900	2,362	5,308	3,931	4,335	...	...	...	...
	Value added, adjusted..do....	31,100	619	1,950	5,085	9,798	6,323	7,325	...	...	...	...
	Value of shipments.....do....	93,459	1,406	5,301	11,076	23,332	22,822	29,522	...	...	...	...
	Capital expend., new...do....	929	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...	...
2295	Coated fabric, not rubberized:											
	Number of establishments.....	126	23	20	19	21	20	16	1	5	1	...
	All employees:											
	Number.....	10,182	39	140	274	627	1,403	<u>2,634</u>	(D)	<u>5,065</u>	(D)	...
	Payroll.....\$1,000..	53,980	184	674	1,252	2,860	6,904	<u>14,649</u>	(D)	<u>27,457</u>	(D)	...
	Value added, adjusted..do....	100,420	678	1,493	2,455	5,375	12,894	<u>24,861</u>	(D)	<u>52,664</u>	(D)	...
	Value of shipments.....do....	246,616	1,416	3,825	7,806	12,233	33,083	<u>67,740</u>	(D)	<u>120,513</u>	(D)	...
	Capital expend., new...do....	8,576	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	769	<u>5,063</u>	(D)	<u>2,189</u>	(D)	...
2296	Tire cord and fabric:											
	Number of establishments.....	23	...	...	...	2	...	8	4	5	4	...
	All employees:											
	Number.....	12,214	...	...	...	<u>1,616</u>	...	(D)	1,430	3,351	5,817	...
	Payroll.....\$1,000..	36,063	...	...	...	<u>4,913</u>	...	(D)	4,233	10,462	16,455	...
	Value added, adjusted..do....	69,844	...	...	...	<u>10,583</u>	...	(D)	10,737	16,903	31,621	...
	Value of shipments.....do....	375,790	...	...	...	<u>74,072</u>	...	(D)	53,200	103,603	144,915	...
	Capital expend., new...do....	6,029	...	...	...	<u>2,718</u>	...	(D)	(D)	(D)	3,311	...
2297	Scouring and combing plants:											
	Number of establishments.....	81	22	5	8	21	9	8	5	3	...	...
	All employees:											
	Number.....	6,075	43	30	96	620	653	1,095	1,840	1,698	...	...
	Payroll.....\$1,000..	22,663	133	125	502	2,269	2,365	4,376	6,839	6,054	...	...
	Value added, adjusted..do....	36,073	247	237	239	3,466	3,551	6,412	8,489	13,432	...	...
	Value of shipments.....do....	87,567	945	641	2,414	10,018	5,053	9,044	32,280	27,172	...	...
	Capital expend., new...do....	1,275	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	737	( <sup>1</sup> )	...	...
2298	Cordage and twine:											
	Number of establishments.....	147	41	10	25	20	23	22	3	3	...	...
	All employees:											
	Number.....	9,583	75	68	364	600	1,631	3,625	810	2,410	...	...
	Payroll.....\$1,000..	33,134	226	250	1,176	1,882	5,734	12,770	2,475	8,621	...	...
	Value added, adjusted..do....	65,106	565	557	2,630	3,689	11,964	24,323	4,491	16,887	...	...
	Value of shipments.....do....	141,579	1,584	1,420	5,675	7,595	24,561	54,180	11,420	35,144	...	...
	Capital expend., new...do....	1,632	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	502	...	...
2299	Textile goods, nec:											
	Number of establishments.....	138	46	18	25	24	7	6	10	2	...	...
	All employees:											
	Number.....	7,862	100	119	333	719	515	912	<u>5,164</u>	(D)	...	...
	Payroll.....\$1,000..	32,505	378	381	1,362	2,654	2,151	3,605	<u>21,974</u>	(D)	...	...
	Value added, adjusted..do....	60,841	570	1,122	2,308	4,878	5,459	9,250	<u>37,254</u>	(D)	...	...
	Value of shipments.....do....	134,623	2,600	3,183	7,171	12,729	11,570	19,613	<u>77,757</u>	(D)	...	...
	Capital expend., new...do....	4,017	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	810	<u>2,051</u>	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2291	Felt goods, nec .....1958..	95,435	80,949	10,193	4,293	89	94,146	80,949	13,197	86
	1954..	101,703	82,303	9,036	10,364	90	89,094	82,303	6,791	92
2292	Lace goods.....1958..	63,282	52,132	999	10,151	98	54,950	52,132	2,818	95
	1954..	61,767	51,366	631	9,770	99	54,601	51,366	3,235	94
2293	Padding and upholstery filling..1958..	139,565	120,893	10,715	7,957	92	137,807	120,893	16,914	88
	1954..	155,737	135,359	13,056	7,322	91	149,417	135,359	14,058	90
2294	Processed textile waste.....1958..	93,459	68,981	2,552	21,926	96	74,326	68,981	5,345	93
	1954..	98,159	71,532	3,285	23,342	96	76,629	71,532	5,087	93
2295	Coated fabric, not rubberized...1958..	246,616	195,428	42,452	8,736	82	245,200	195,428	49,772	80
	1954..	213,627	175,422	27,636	10,569	86	215,204	175,422	39,782	82
2296	Tire cord and fabric <sup>3</sup> .....1958..	375,790	312,529	55,907	7,354	85	332,132	312,529	19,603	94
2297	Scouring and combing plants.....1958..	87,567	53,356	4,753	29,458	92	89,696	53,356	36,340	59
	1954..	100,663	54,648	11,211	34,804	83	91,036	54,648	36,388	60
2298	Cordage and twine.....1958..	141,579	122,838	11,405	7,336	92	132,322	122,838	9,484	93
	1954..	162,702	142,554	15,613	4,535	90	159,853	142,554	17,299	89
2299	Textile goods, nec <sup>3</sup> .....1958..	134,623	106,048	19,494	9,081	84	123,568	106,048	17,520	86

<sup>1</sup>Revised.

<sup>2</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>3</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>4</sup>Comparable 1954 data are not available because of changes in industry definition (See text and table 1A).

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Felt goods, nec, industry	Felt goods, nec (SIC 2291)	Other industries	All industries
22910	Total shipments of the industry.....	95,435	xxx	xxx
	Felt goods, except woven felts and hats.....	80,949	<sup>1</sup> 13,197	94,146
	Secondary products.....	<sup>2</sup> 10,193	xxx	xxx
	Miscellaneous receipts.....	4,293	xxx	xxx
	Products bought and resold without further manufacture.....	4,042	xxx	xxx
	Other.....	251	xxx	xxx
Prod. class code	Lace goods industry	Lace goods (SIC 2292)	Other industries	All industries
22920	Total shipments of the industry.....	63,282	xxx	xxx
	Lace goods.....	52,132	2,818	54,950
	Secondary products.....	999	xxx	xxx
	Miscellaneous receipts.....	10,151	xxx	xxx
	Receipts for commission dyeing and finishing of lace goods.....	6,423	xxx	xxx
	Other commission receipts, including commission receipts nsk.....	1,632	xxx	xxx
	Products bought and resold without further manufacture.....	1,955	xxx	xxx
	Other receipts.....	141	xxx	xxx
Prod. class code	Padding and upholstery filling industry	Padding and upholstery filling (SIC 2293)	Other industries	All industries
22930	Total shipments of the industry.....	139,565	xxx	xxx
	Paddings, upholstery filling, batting, and wadding.....	120,893	<sup>3</sup> 16,914	137,807
	Secondary products.....	10,715	xxx	xxx
2392-2515-	Housefurnishings, nec.....	2,205	xxx	xxx
	Mattresses and bedsprings.....	2,228	xxx	xxx
	Other products.....	<sup>4</sup> 6,282	xxx	xxx
	Miscellaneous receipts.....	7,957	xxx	xxx
	Products bought and resold without further manufacture.....	7,349	xxx	xxx
	Other receipts.....	608	xxx	xxx
Prod. class code	Processed textile waste industry	Processed textile waste (SIC 2294)	Other industries	All industries
22940	Total shipments of the industry.....	93,459	xxx	xxx
	Recovered fibers, processed mill waste, and related products.....	68,981	<sup>5</sup> 5,345	<sup>6</sup> 74,326
	Secondary products.....	2,552	xxx	xxx
	Miscellaneous receipts.....	21,926	xxx	xxx
	Commission receipts for work done for others.....	6,809	xxx	xxx
	Sale of wiping rags.....	2,219	xxx	xxx
	Other products bought and resold without further manufacture.....	12,620	xxx	xxx
	Other receipts.....	278	xxx	xxx
Prod. class code	Coated fabric, not rubberized, industry	Coated fabric, not rubberized (SIC 2295)	Other industries	All industries
	Total shipments of the industry.....	246,616	xxx	xxx
	Coated fabrics, except rubberized.....	195,428	<sup>7</sup> 49,722	245,200
22951	Pyroxylin-coated fabrics.....	35,947	2,489	38,436
22952	Resin-coated fabrics.....	84,921	36,244	121,165
22953	Other impregnated and coated fabrics.....	70,518	10,057	80,575
22950	Coated fabrics, except rubberized, nsk.....	4,042	982	5,024
	Secondary products.....	42,452	xxx	xxx
2641-3069-3079-	Coated and glazed paper.....	6,560	xxx	xxx
	Fabricated rubber products, nec.....	5,157	xxx	xxx
	Miscellaneous plastic products.....	18,393	xxx	xxx
	Other products.....	<sup>8</sup> 12,342	xxx	xxx
	Miscellaneous receipts.....	8,736	xxx	xxx
	Commission receipts for work done for others.....	5,901	xxx	xxx
	Products bought and resold without further manufacture.....	2,412	xxx	xxx
	Other receipts.....	423	xxx	xxx

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Tire cord and fabric industry	Tire cord and fabric (SIC 2296)	Other industries	All industries
	Total shipments of the industry.....	375,790	xxx	xxx
22960	Tire cord and tire fabrics.....	312,529	<sup>9</sup> 19,603	332,132
	Secondary products.....	55,907	xxx	xxx
2211-	Cotton broad woven fabrics.....	12,619	xxx	xxx
2221-	Man-made fiber broad woven fabrics.....	4,924	xxx	xxx
2281-	Carded cotton yarns.....	18,472	xxx	xxx
22812	Combed cotton yarn.....	16,379	xxx	xxx
22813	Rayon and/or acetate spun yarns.....			
22814	Other spun man-made fiber and silk yarns.....			
	Other products.....	3,513	xxx	xxx
	Miscellaneous receipts.....	7,354	xxx	xxx
	Commission receipts for work done for others.....	5,690	xxx	xxx
	Other receipts.....	1,664	xxx	xxx
Prod. class code	Scouring and combing mills	Scouring and combing mills (SIC 2297)	Other industries	All industries
	Total shipments of the industry.....	87,567	xxx	xxx
22970	Scouring and combing mill products.....	53,356	<sup>10</sup> 36,340	89,696
	Secondary products.....	<sup>11</sup> 4,753	xxx	xxx
	Miscellaneous receipts.....	29,458	xxx	xxx
	Commission receipts for scouring, combing and related processing of wool.....	26,248	xxx	xxx
	Other commission receipts, including receipts nsk.....	344	xxx	xxx
	Products bought and resold without further manufacture.....	1,884	xxx	xxx
	Other receipts.....	982	xxx	xxx
Prod. class code	Cordage and twine industry	Cordage and twine (SIC 2298)	Other industries	All industries
	Total shipments of the industry.....	141,579	xxx	xxx
	Cordage and twine.....	122,838	<sup>12</sup> 9,484	132,322
22981	Hard fiber cordage and twine.....	51,094	1,166	52,260
22982	Soft fiber cordage and twine, except cotton.....	28,261	5,834	34,095
22983	Cotton cordage and twine.....	37,964	2,482	40,446
22980	Cordage and twine, nsk.....	5,519	2	5,521
	Secondary products.....	11,405	xxx	xxx
22940	Recovered fibers, processed mill waste and related products.....	2,040	xxx	xxx
	Other products.....	9,365	xxx	xxx
	Miscellaneous receipts.....	7,336	xxx	xxx
	Products bought and resold without further manufacture.....	6,317	xxx	xxx
	Other receipts.....	1,019	xxx	xxx
Prod. class code	Textile goods, nec, industry	Textile goods, nec (SIC 2299)	Other industries	All industries
	Total shipments of the industry.....	134,623	xxx	xxx
	Primary products.....	106,048	17,520	123,568
22991	Bonded fiber fabrics (nonwoven textiles).....	( <sup>13</sup> )	( <sup>13</sup> )	( <sup>13</sup> )
22992	Jute goods (except jute felts), linen goods, and other textile goods, nec.....	42,672	11,339	54,011
22990	Textile goods, nsk.....	63,376	6,181	69,557
	Secondary products.....	19,494	xxx	xxx
2298-	Cordage and twine.....	4,849	xxx	xxx
	Other products.....	14,645	xxx	xxx
	Miscellaneous receipts.....	9,081	xxx	xxx
	Commission receipts for work done for others.....	2,855	xxx	xxx
	Products bought and resold without further manufacture.....	3,332	xxx	xxx
	Other receipts.....	2,894	xxx	xxx

<sup>1</sup>The following industries had shipments which totaled \$2 million or more but the data are withheld to avoid disclosure of individual company figures: 2231, Weaving and Finishing Mills, Wool; 2279, Carpets and Rugs, NEC; 2293, Padding and Upholstery Filling. <sup>2</sup>Includes an amount between \$5 and \$10 million of paddings and upholstery filling shipped by establishments classified in Industry 2291. <sup>3</sup>Includes \$5,653 thousand shipped by Industry 2515. Also includes an amount between \$5 and \$10 million shipped by establishments classified in Industry 2291. <sup>4</sup>Includes shipments of more than \$2 million of felt goods, except woven felts, Product class 22910. <sup>5</sup>Includes \$2,040 thousand shipped by establishments classified in Industry 2298, Cordage and Twine. <sup>6</sup>Does not include original mill waste (card strips, combor noils, etc.) shipped by weaving mills, etc. <sup>7</sup>Includes \$19,910 thousand shipped by Industry 3069, \$11,820 thousand shipped by Industry 3079, and amounts between \$2 and \$5 million shipped by Industries 2261 and 2641. <sup>8</sup>Includes an amount between \$5 and \$10 million of Venetian blinds and shades. <sup>9</sup>The tire cord and tire fabrics shipped by other industries were entirely accounted for by shipments from industries: 2211, Weaving Mills, Cotton; 2221, Weaving Mills, Synthetic; 2283, Cellulosic Man-Made Fibers. <sup>10</sup>Includes \$5,273 thousand shipped by Industry 2283. Also includes an amount greater than \$10 million shipped by Industry 2231. The exact figure is withheld to avoid disclosure of individual company figures. <sup>11</sup>Includes over \$2 million of woolen and worsted fabrics. <sup>12</sup>Includes \$4,849 thousand shipped by Industry 2299. In addition, Industry 2281 had shipments of more than \$2 million. <sup>13</sup>Data for bonded fiber fabrics, 22991, are included with textile goods, nsk, because the data were not satisfactorily reported, due to problems associated with the product definition. <sup>14</sup>Includes shipments of \$2 to \$5 million of the product classes listed below. Data are withheld to avoid disclosing figures for individual companies; 22617, Finished cotton broad woven fabrics; 22690, Finished yarn, raw stock, etc., except wool; and 23990, Fabricated textile products, nec.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958			1954	
		Total production  (1,000 lbs.)	Total shipments including interplant transfers			
			Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2291—	Felt goods, nec, except woven felts and hats, total.....	1,206,008	1,284,731	94,146	280,674	89,094
2291011	Pressed wool felts:					
2291019	Industrial felts (1/8" thick and over).....	9,226	9,075	14,820	12,336	19,121
	Other pressed wool felts.....	8,353	8,462	12,578	8,152	16,212
2291051	Punched or needled felt (hair and jute):					
2291053	Carpet and rug linings and cushions.....	197,438	198,160	44,644	157,654	34,684
2291058	Automotive felts.....	46,247	44,711	10,962	64,482	10,962
	Other punched or needled felt.....	24,744	24,323	7,081	38,050	8,115
2291000	Felt goods except woven felts and hats, nsk.....	xxx	xxx	4,061	xxx	...
			Total shipments including interplant transfers			
		Unit of measure	1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2292—	Lace goods, total.....		xxx	54,950	xxx	54,601
2292011	Lavers lace machine products:					
	All-overs.....	1,000 sq. yds.....	10,427	11,141	8,811	10,750
2292015	Edgings, insertions, galloons, and flouncings.....	do.....	13,567	15,052	(NA)	25,748
2292019	All other lavers products.....	do.....	(NA)	3,454	(NA)	944
2292051	Nottingham lace machine products:					
2292059	Curtains.....	1,000 pairs..	642	1,269	(NA)	3,491
	All other Nottingham lace and lace products.....		xxx	5,528	xxx	6,174
2292098	All other laces and nets, including Bobbinets and Barren laces.....		xxx	8,121	xxx	7,494
2292000	Lace goods, nsk.....		xxx	10,385	...	...
2293—	Padding and upholstery filling, total.....		xxx	137,807	(NA)	149,417
2293013	Automotive pads excluding foam rubber and vinyl:					
2293015	Made from cotton lintens, cotton waste and raw cotton.....	1,000 lbs....	112,316	31,769	158,237	41,401
	Made from sisal and all other fibers:					
	Quantity reported.....	do.....	38,302	7,452		
	Quantity not reported.....		xxx	1,365		
2293019	All other pads of hard fiber.....	1,000 lbs....	33,143	6,334	(NA)	8,915
2293032	Battling, wadding, and mattress felts:					
2293039	Made from cotton lintens, cotton waste and raw cotton.....	do.....	223,636	44,945	(2)	68,146
	Made from other fibers.....	do.....	51,649	12,957	38,349	7,687
2293051	Upholstery filling:					
	Curled hair.....	do.....	22,147	14,530	24,748	14,880
2293059	Other:					
	Quantity reported.....	do.....	34,635	6,102	36,901	6,763
	Quantity not reported.....		xxx	1,260	xxx	1,625
2293000	Padding and upholstery filling, nsk.....		xxx	11,093	...	...
2294—	Processed waste and recovered fibers and flock, total <sup>3</sup> .....		xxx	74,326	xxx	76,629
2294012	Fiber recovered from:					
2294018	Wool clips and rags (new and used).....	1,000 lbs....	26,763	13,609	29,487	13,681
	Other clips and rags.....	do.....	31,087	9,422	34,153	7,393
2294021	Processed mill waste (excluding fiber recovered from clips and rags):					
2294023	Cotton.....	do.....	84,367	9,121	132,514	15,387
2294028	Wool.....	do.....	12,233	5,513	16,165	10,364
	Man-made and other fibers.....	do.....	31,630	14,260	34,197	7,690
2294041	Flock, all fibers (new stock, waste or reclaimed fiber).....		(NA)	4,500	xxx	3,625
2294051	Oakum.....	1,000 lbs....	26,363	5,655	25,762	4,603
2294098	All other textile waste and recovered fibers.....		...	...	xxx	13,886
2294000	Processed textile waste and recovered fibers, nsk.....		xxx	12,246		

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers				
		Total production (1,000 lin. yds.)	1958		1954	
			Quantity (1,000 lin. yds.)	Value (\$1,000)	Quantity (1,000 lin. yds.)	Value (\$1,000)
2295---	Coated fabrics, except rubberized, total.....	xxx	xxx	245,200	xxx	215,204
22951--	Pyroxylin-coated materials (except paper).....	66,696	63,420	38,436	85,143	49,050
	On a textile base (excluding shade cloth):					
2295111	Light cotton fabrics (print cloths, sheetings, etc.).....	36,269	33,259	19,477	26,498	15,636
2295115	Heavy cotton fabrics (ducks, drills, twills, sateens, etc.).....	6,874	6,447	6,145	16,476	13,519
2295119	Fabrics other than cotton.....					
2295171	Shade Cloth.....	21,902	22,063	11,499	42,169	19,895
2295198	Other pyroxylin coated materials (except paper).....	...	...	...		
2295100	Pyroxylin-coated materials, nsk.....	1,651	1,651	1,315	...	...
22952--	Resin-coated fabrics.....	xxx	xxx	121,165	91,756	115,866
2295211	Light-weight fabrics (finished wt. 10 oz. and under per sq. yd.)...	18,719	15,285	13,491	23,929	19,548
2295251	Heavy-weight fabrics (finished wt. over 10 oz. per sq. yd.).....	75,961	75,799	104,887	67,837	96,318
2295200	Resin-coated fabrics, nsk.....	xxx	xxx	2,787	...	...
22953--	Other impregnated and coated fabrics (except rubber coated).....	xxx	xxx	80,575	xxx	50,288
2295311	Varnished insulating fabrics.....	xxx	xxx	6,257	xxx	9,218
2295351	Plastic laminated sheets on a textile or random fiber.....	29,987	28,110	25,628		
2295398	Other impregnated and coated fabrics.....	xxx	xxx	47,852	xxx	41,070
2295300	Other impregnated and coated fabrics (except rubber coated), nsk...	xxx	xxx	838		
2295000	Coated fabrics, except rubberized, nsk.....	xxx	xxx	5,024	...	...
			1958		1954	
			Total shipments including inter-plant transfers		Total shipments including inter-plant transfers	
			Quantity	Value	Quantity	Value
			(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)
2296---	Tire cord and tire fabrics, total.....	388,712	394,489	332,132	418,338	431,583
2296010	Cotton tire cord and tire fabric:					
	Total as reported in the Census.....	38,281	38,828	24,187	59,890	64,068
	Total as reported on Census quarterly Form M22T.....	37,520	xxx	xxx	459,890	xxx
2296012	Tire cord and tire cord fabrics.....	6,755	xxx	xxx	12,716	xxx
2296014	Chafer and other tire fabrics.....	30,765	xxx	xxx	47,174	xxx
2296030	Man-made fiber tire cord and tire fabrics:					
	Total as reported in the Census.....	350,431	355,661	307,945	358,448	367,515
	Total as reported on Census quarterly Form M22T.....	349,545	xxx	xxx	4358,448	xxx
2296032	Rayon tire cord and tire cord fabric.....	248,291	xxx	xxx	329,384	xxx
2296036	Nylon tire cord and tire cord fabrics.....	95,576	xxx	xxx	29,064	xxx
2296038	Chafer and other man-made fiber tire fabrics.....	5,678	xxx	xxx	(5)	xxx
			1958		1954	
			Total production	Total shipments including inter-plant transfers	Total production	Total shipments including inter-plant transfers
			Quantity	Value	Quantity	Value
			(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)
2297---	Scouring and combing mill products, total...	xxx	xxx	89,696	xxx	31,370
2297017	Scoured wool for sale.....	xxx	22,297	27,481	11,401	14,538
2297041	Top combed on worsted combs:					
	Wool of the sheep:					
	Total as reported in the Census.....	99,829	25,735	40,490	7,707	12,490
	Total as reported on Census Monthly Form M22D.....	98,660	xxx	xxx	xxx	xxx
	60's and finer.....	62,294	xxx	xxx	xxx	xxx
	50's and finer.....	30,581	xxx	xxx	xxx	xxx
	48's and coarser.....	5,785	xxx	xxx	xxx	xxx
2297045	Other top:					
	Total as reported in the Census.....	19,903	6,118	7,883	1,561	2,645
	Total as reported on Census Monthly Form M22D.....	19,698	xxx	xxx	xxx	xxx
	Mohair.....	5,566	xxx	xxx	xxx	xxx
	Man-made fibers:					
	Rayon or acetate.....	6,057	xxx	xxx	xxx	xxx
	Other man-made fibers.....	2,727	xxx	xxx	xxx	xxx
	Other fibers.....	5,348	xxx	xxx	xxx	xxx

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958						1954		
		Total production (1,000 lbs.)	Total shipments including inter-plant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 lbs.)	Total production (1,000 lbs.)	Total shipments including inter-plant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)			Quantity (1,000 lbs.)	Value (\$1,000)
2297061	Wools:									
	Wool of the sheep:									
	Total as reported in the Census.....	11,445	4,073	2,828	xxx	xxx	xxx	615,630	7,070	6,728
	Total as reported on Census Monthly Form M22D.....	12,105	xxx	xxx	xxx	xxx	xxx	415,630	xxx	xxx
	60's and finer.....	7,999	xxx	xxx	xxx	xxx	xxx	11,034	xxx	xxx
	50's up to 60's.....	3,588	xxx	xxx	xxx	xxx	xxx	3,507	xxx	xxx
	48's and coarser.....	518	xxx	xxx	xxx	xxx	xxx	1,089	xxx	xxx
2297065	Other wools:									
	Total as reported in the Census.....	1,643	767	280	xxx	xxx	xxx	2,190	445	353
	Total as reported on Census Monthly Form M22D.....	1,869	xxx	xxx	xxx	xxx	xxx	42,190	xxx	xxx
	Mohair.....	581	xxx	xxx	xxx	xxx	xxx	554	xxx	xxx
	Man-made fibers:									
	Rayon and acetate.....	346	xxx	xxx	xxx	xxx	xxx	297	xxx	xxx
	Other man-made fibers.....	142	xxx	xxx	xxx	xxx	xxx	223	xxx	xxx
	Other fibers.....	800	xxx	xxx	xxx	xxx	xxx	596	xxx	xxx
2297071	Man-made top converted from tow without combing.....	xxx	xxx	2,455	xxx	xxx	xxx	(7)	(7)	(7)
2297075	Nubs and slubs.....	xxx	xxx	1,788	...	...	xxx	(7)	(7)	(7)
2297081	Recovered wool grease.....	4,460	4,531	459	...	...	...	65,354	5,376	608
2297000	All other scouring and combing mill products, including products, nsk.....	xxx	xxx	6,032	xxx	xxx	...	xxx	xxx	76,200

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)
2298---	Cordage and twine, total.....	xxx	132,322	403,996	159,853
22981--	Hard fiber cordage and twine.....	xxx	52,260	249,343	64,759
	Hard fiber cordage:				
	Abaca rope and cable:				
2298111	3/4 inch diameter and larger.....	47,665	17,760	52,498	19,004
2298115	Less than 3/4 inch diameter.....	20,825	8,561	22,146	8,805
2298122	Agave rope and cable.....	14,999	4,350	17,147	5,473
2298129	Other hard fiber rope and cable.....			5,077	1,265
	Hard fiber twine:				
2298131	Binder twine.....	5,658	948	16,782	2,999
2298133	Baler twine.....	(8)	(8)	113,225	22,094
2298135	Wrapping or tying twines.....	18,925	4,291	21,203	4,717
2298139	Other hard fiber twine including twine and cord made of hard fiber and paper.....	87,753	14,918	1,265	402
2298100	Hard fiber cordage and twine, nsk.....	xxx	1,432	...	...
22982--	Soft fiber cordage and twine, except cotton.....	xxx	34,095	76,563	42,486
2298211	For net making and net repairing.....	xxx	(9)	1,232	3,597
	Fishline:				
2298213	Nylon.....	xxx	7,807	330	8,355
2298215	Other fibers.....	438	3,259	176	1,728
2298217	Man-made fiber rope.....	3,426	5,701	1,325	3,254
	For wrapping and other uses, wholly or chiefly by weight of:				
2298223	Jute.....	12,857	4,641	25,317	8,096
2298225	Paper.....	19,978	5,370	26,149	6,458
2298227	Other soft fibers, except cotton.....	xxx	97,317	22,034	10,998
2298200	Soft fiber cordage and twine, except cotton, nsk.....				
22983--	Cotton cordage and twine.....	xxx	40,446	78,090	52,608
2298311	Braided cord.....	19,198	12,317	23,481	15,419
2298315	Fishing netting.....	(3)	(3)	3,239	5,797
	Twine:				
2298321	Seine twine.....	5,026	3,625	9,299	7,320
2298331	Wrapping and other uses.....	22,681	11,681	39,020	22,092
2298398	All other cotton cordage and twine.....	36,068	36,742	3,051	1,980
2298300	Cotton cordage and twine, nsk.....	xxx	6,081	...	...
2298000	Cordage and twine, nsk.....	xxx	5,521	...	...

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958		1954		
			Production for all purposes	Total shipments including interplant transfers			
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2299---	Textile goods, nec, total.....	.....	xxx	xxx	123,548	xxx	<sup>11</sup> 128,548
22991--	Bonded fiber fabrics (nonwoven textiles).....	.....	xxx	xxx	( <sup>12</sup> )	xxx	( <sup>12</sup> )
2299111	Primarily cotton.....	1,000 lbs....	}	(NA)	(NA)	{	(NA)
2299113	Primarily rayon.....	....do.....					
2299119	Primarily other fibers.....	....do.....					
22992--	Jute goods (except jute felts), linen goods, and other textile goods, nec.....	.....	xxx	xxx	54,011	xxx	46,401
2299211	Jute yarn and rove.....	1,000 lbs....	}	xxx	20,647	{	94,142
2299251	Jute bagging for baling cotton.....	1,000 sq. yds.....					
2299259	All other jute woven goods, except felt.....	.....	xxx	xxx	3,068	25,207	4,186
2299271	Linen (flax) thread (excluding jacquard thread or jacquard twine)....	1,000 lbs....	xxx	1,672	3,160	26,179	8,227
2299279	Other linen goods.....	.....	xxx	xxx	5,787	1,972	4,272
2299270	Linen goods, nsk.....	.....	xxx	xxx	5,772	xxx	4,401
2299200	Other textile goods, nec.....	.....	xxx	xxx	15,577	}	<sup>11,12</sup> 82,147
2299000	Textile goods, nsk.....	.....	xxx	xxx	<sup>12</sup> 69,557		

NA Not available

<sup>1</sup>Excludes quantity data for products not specified by kind.<sup>2</sup>In 1954, manufacturers' shipments of batting, wadding, and mattress felts made of cotton waste or lintens and waste mixed amounted to 248,708 thousand pounds valued at \$60,255 thousand.<sup>3</sup>Does not include sales by textile mills of "original" mill waste such as card strips, noils, and sweepings.<sup>4</sup>Commodity survey data adjusted to the 1954 Census of Manufactures totals.<sup>5</sup>Rayon tire cord and tire cord fabric includes a small quantity of chafer and other man-made fiber tire fabrics.<sup>6</sup>Partially estimated from other inquiries on the 1954 report form and monthly and quarterly Census Commodity Reports.<sup>7</sup>Data not collected separately and included with "All other scouring and combing mill products."<sup>8</sup>For 1958, product code 2298133 is included with product code 2298139.<sup>9</sup>For 1958, product code 2298211 is included with product code 2298200.<sup>10</sup>For 1958, product code 2298315 is included with product code 2298398.<sup>11</sup>In 1954, a very substantial part of other textile goods, nec, consisted of novelty weaving and knitting yarns plied or otherwise prepared from purchased yarns (not spun or thrown in the same establishment). In 1958, such yarns are included in the report for Industry 2282, Throwing and Winding Mills.<sup>12</sup>Data for bonded fiber fabrics, code 22991--, are included with Textile goods nsk, code 2299000. This combination was made because the data were unsatisfactorily reported, due to problems associated with the product definition.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Resin-coated fabrics (22952)</u>			<u>Resin-coated fabrics (22952)- Continued</u>	1958 <sup>1</sup>	1954	<u>Other impregnated and coated fabrics (except rubber coated) (22953)--Continued</u>	1958 <sup>1</sup>	
United States, total:								
1958.....	121,165		Pacific.....	5,302	( <sup>2</sup> )	Pacific.....		1,802
1957.....	135,569		Other regions.....	2,652	4,095	California.....		1,802
1956.....	126,732					Other regions.....		5,158
1955.....	158,442		<u>Other impregnated and coated fabrics (except rubber coated) (22953):</u>	Value of shipments		<u>Hard fiber cordage and twine (22981):</u>	Value of shipments	
1954.....	115,866		United States, total:			United States, total:		
1953.....	133,147		1958.....	80,575		1958.....	52,260	
1952.....	105,673		1957.....	57,087		1957.....	62,059	
1951.....	89,052		1956.....	55,233		1956.....	65,563	
1950.....	72,543		1955.....	54,901		1955.....	68,257	
1947.....	36,907		1954.....	50,288		1954.....	64,759	
	1958 <sup>1</sup>	1954	1947.....	62,948		1953.....	63,152	
New England.....	26,697	13,472				1952.....	105,254	
Massachusetts.....	18,914	11,396		1958 <sup>1</sup>		1951.....	111,181	
Middle Atlantic.....	41,544	45,373	New England.....	22,031		1947.....	67,962	
New York.....	12,815	19,422	Massachusetts.....	17,740			1958 <sup>1</sup>	1954
New Jersey.....	22,029	24,494	Middle Atlantic.....	21,266		Middle Atlantic.....	19,776	21,612
Pennsylvania.....	6,700	1,456	New York.....	8,488		New York.....	11,444	13,950
			New Jersey.....	12,778		East North Central.....	3,970	( <sup>2</sup> )
East North Central.....	44,990	52,926	East North Central.....	30,318		Other regions.....	28,514	43,147

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22952, Rhode Island, Connecticut, Ohio, Indiana, Illinois, Wisconsin, and California; 22953, Rhode Island, Ohio, Michigan, Delaware, and Tennessee; 22981, Massachusetts, New Jersey, Pennsylvania, Ohio, Michigan, Missouri, Louisiana, and California.

<sup>2</sup>Included with other regions.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	Quantity	Delivered cost (\$1,000)
INDUSTRY 2292—LACE GOODS				
	Materials, containers, and supplies, total.....		xxx	22,366
222111	Cotton yarns.....	1,000 lbs.....	2,406	2,106
222151	Man-made fiber yarns.....	.....do.....	5,032	9,826
970099	All other materials, containers, supplies, components, etc.....		xxx	5,530
973000	Materials, containers, supplies, not specified by kind <sup>1</sup> .....		xxx	4,904
INDUSTRY 2293—PADDING AND UPHOLSTERY FILLING				
	Materials, containers, and supplies, total.....		xxx	73,503
011161	Raw cotton (net weight).....	1,000 lbs.....	10,205	3,407
941252	Cotton waste.....	.....do.....	147,613	13,722
288113	Cotton linters (net weight).....	.....do.....	161,768	12,564
941254	Other fiber waste (rayon, nylon, etc.).....	.....do.....	39,403	3,985
941255	New and used rags, clips, etc.....	.....do.....	8,357	667
970099	All other materials, containers, supplies, components, etc. <sup>2</sup> .....		xxx	31,166
973000	Materials, containers, supplies, not specified by kind <sup>1</sup> .....		xxx	7,992
INDUSTRY 2294—PROCESSED TEXTILE WASTE				
	Materials, containers, and supplies, total.....		xxx	48,965
941252	Cotton waste.....	1,000 lbs.....	94,626	5,854
221100	Wool noils and waste.....	.....do.....	11,459	3,855
941254	Other fiber waste (rayon, nylon, etc.).....	.....do.....	58,119	12,471
941255	New and used rags, clips, etc.....	.....do.....	65,724	15,723
970099	All other materials, containers, supplies, components, etc.....		xxx	3,910
973000	Materials, containers, supplies, not specified by kind <sup>1</sup> .....		xxx	7,153
INDUSTRY 2295—CGATED FABRIC, NOT RUBBERIZED				
	Materials, containers, and supplies, total.....		xxx	138,957
288031	Vegetable oils, including crude and processed.....	1,000 lbs.....	8,507	1,515
282321	Vinyl plastics, all forms.....	.....do.....	63,533	22,571
280051	Pigment.....	.....do.....	17,116	4,222
282371	Pyroxylin.....	.....do.....	19,737	5,045
223131	Cotton fabrics.....	1,000 lin. yds..	186,461	51,366
223131	Man-made fiber fabrics.....	.....do.....	15,277	5,599
970099	All other materials, containers, supplies, components, etc. <sup>2</sup> .....		xxx	32,318
973000	Materials, containers, supplies, not specified by kind <sup>1</sup> .....		xxx	16,321

<sup>1</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

<sup>2</sup>May include data for some materials which are listed above.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2291	FELT GOODS, NEC (entire industry).....	66	4,573	21,268	3,625	7,704	15,355	44,443	50,210	95,435	1,099
	Establishments with:										
	90% or more specialization.....	54	3,177	14,664	2,456	5,308	10,636	30,552	32,459	63,559	730
2295	COATED FABRIC, NOT RUBBERIZED (entire industry).....	126	10,182	53,980	7,196	15,405	33,761	100,420	146,231	246,616	8,576
	Establishments with:										
	90% or more specialization.....	92	4,855	25,620	3,525	7,407	16,163	44,221	69,376	113,319	6,451
	75-89% specialization.....	10	2,624	18,058	1,686	3,502	8,700	29,795	39,082	69,469	1,472
22951	Pyroxylin-coated fabrics (primary product class of estab.).....	13	2,074	10,742	1,594	3,615	7,005	16,050	29,792	45,813	625
	Establishments with:										
	90% or more specialization....	5	348	1,556	283	542	1,069	1,803	5,567	7,387	( <sup>1</sup> )
22952	Resin-coated fabrics (primary product class of estab.).....	29	3,943	21,848	2,713	5,811	13,001	39,851	60,260	99,749	2,363
	Establishments with:										
	90% or more specialization....	16	1,731	9,118	1,271	2,850	5,946	16,513	26,327	42,057	1,073
	75-89% specialization.....	5	501	3,022	303	680	1,542	6,184	11,617	17,583	( <sup>1</sup> )
22953	Other impregnated and coated fabrics (primary product class of estab.).....	47	3,816	19,870	2,650	5,441	12,687	40,891	52,080	93,390	5,390
	Establishments with:										
	90% or more specialization....	34	1,026	5,200	723	1,488	3,176	8,705	16,040	24,619	4,238
2296	TIRE CORD AND TIRE FABRICS (entire industry).....	23	12,214	36,063	11,322	20,960	32,233	69,844	300,829	375,790	6,029
	Establishments with:										
	90% or more specialization.....	16	5,850	18,079	5,391	10,126	16,394	35,578	196,512	236,329	2,881
2298	CORDAGE AND TWINE (entire industry)....	147	9,583	33,134	8,187	15,550	24,662	65,106	75,775	141,579	1,632
	Establishments with:										
	90% or more specialization.....	125	6,592	23,816	5,479	10,398	16,931	46,552	55,990	103,141	1,153
	75-89% specialization.....	13	2,368	7,246	2,161	4,031	6,121	14,964	16,162	31,044	( <sup>1</sup> )
22981	Hard fiber cordage and twine (primary product class of estab.)..	36	3,764	15,468	3,006	5,785	10,340	29,387	36,431	66,123	622
	Establishments with:										
	90% or more specialization....	23	1,002	3,819	851	1,620	2,901	9,064	10,965	19,992	( <sup>1</sup> )
	75-89% specialization.....	7	1,607	6,934	1,264	2,381	4,258	13,424	13,976	27,391	( <sup>1</sup> )
22982	Soft fiber cordage and twine, except cotton (primary product class of estab.).....	29	1,656	5,787	1,387	2,742	4,123	11,088	10,911	22,139	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	19	950	3,148	783	1,531	2,212	6,172	6,177	12,438	( <sup>1</sup> )
	75-89% specialization.....	5	310	1,192	259	498	822	2,457	2,670	5,019	( <sup>1</sup> )
22983	Cotton fiber cordage and twine (primary product class of estab.)..	45	3,688	10,855	3,387	6,305	9,141	21,835	24,915	46,960	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	29	1,381	3,795	1,274	2,339	3,353	8,097	9,220	17,608	( <sup>1</sup> )
	75-89% specialization.....	7	1,431	3,973	1,362	2,512	3,545	9,185	8,608	17,785	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.



## Major Group 23.—Apparel and Related Products

This major group of industries, generally known as the "cutting-up and needle trades," includes establishments producing clothing and fabricated textile products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs. Excluded from this group are knitting mills primarily engaged in manufacturing apparel from yarns knitted in the same establishment; such plants are included in Group 225, Knitting Mills. Weaving mills that further fabricate the fabric at the same establishment into such end products as sheets, towels, pillowcases, etc., are classified in Major Group 22, Textile Mill Products. Plants producing leather shoes and gloves are classified in Major Group 31, Leather and Leather Products; and rubber footwear in Industry 3021, Rubber Footwear. Custom tailors and dressmakers, who manufacture and sell apparel in the same retail establishment, are classified as nonmanufacturing. Similarly, establishments which are primarily wholesalers or dealers in that they purchase and resell finished garments but do not perform the functions of the apparel jobbers described below are classified in Wholesale Trade.

There are three types of establishments which operate in the apparel industries included in Major Group 23: (1) the regular factories or "manufacturers"; (2) the apparel "jobbers"; and (3) the contract factories or "contractors." The "manufacturers" purchase fabric, employ production workers in their own plants to cut and sew the materials into apparel, and sell the final product; in effect, such establishments perform all of the usual manufacturing functions within their own establishments. The "jobbers," on the other hand, primarily perform the entrepreneurial functions of a manufacturing company such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials, and selling of the finished apparel. The actual processing (cutting, sewing, etc.) is performed on contract by the apparel contractors, although many jobbers perform the cutting operation in their own establishments. Apparel jobbers are included in manufacturing. However, jobbers of miscellaneous fabricated textile products, such as curtains, draperies, etc., are classified in the Wholesale Trade industries and were included in the Census of Business.

In reporting on the Census of Manufactures questionnaires, the manufacturers show figures on employment, cost of raw materials, and value of products made and sold. The apparel "jobbers" report data comparable to the man-

ufacturers on the cost of raw materials and the value of products, but very little employment at their establishments. The labor costs incurred in producing their garments are included by the "jobbers" in cost of contract work. The value added by manufacture shown for apparel "jobbers," as for all other manufacturing industries, exclude the cost of contract work as well as the cost of materials. The "contractors," on the other hand, report their employment and receipts for contract work rather than the value of products. These contract plants do not report the cost of materials which they process but only the cost of their own operating supplies. As a result, for "contractors," the ratio of wages and salaries to value added by manufacture is substantially higher than the ratio for "manufacturers," which, in turn, is substantially greater than for "jobbers."

In order to point up these significant differences in the relationship between wages and salaries paid, the cost of materials, the value of products, and value added by manufacture for the three types of establishment, plants were classified by their primary method of operations as "manufacturer," "jobber," or "contractor." Separate data are generally shown for each type of establishment in the individual industry reports.

In this connection it should be noted that establishments in these industries may also employ more than one method of operation. For example, some establishments will act as both "manufacturer" and "jobber," or as "manufacturer" and "contractor." In assigning the primary method of operation classification to manufacturer-jobber plants, their relationship between wages and salaries paid to the cost of contract work was used. If wage and salary payments exceeded contract work payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wages and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation. In the case of some multi-unit companies, it was necessary to treat stitching plants at separate locations as contract plants because of the record-keeping practices of the companies. This somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, which thinks of contractors in terms of independently owned establishments.

Table 1.-GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees <sup>1</sup>		Production workers			Adjusted value added by manu- facture <sup>2</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	1,187,840	3,635,106	1,031,784	1,836,564	2,770,570	6,003,853	89,450
Administrative and auxiliary establishments <sup>3</sup> .....	(NA)	(NA)	7,323	49,460	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments <sup>4</sup> .....	29,297	13,008	1,180,517	3,585,646	1,031,784	1,836,564	2,770,570	6,003,853	89,450
Operating manufacturing establishments (based on old SIC) .....	29,260	12,962	1,170,441	3,551,424	1,022,988	1,820,824	2,744,641	5,951,661	89,465
Operating manufacturing establishments:									
1957 <sup>5</sup> .....	(NA)	(NA)	1,264,308	3,663,658	1,123,029	1,989,301	2,867,336	6,066,503	106,566
1956 <sup>5</sup> .....	(NA)	(NA)	1,271,241	3,611,780	1,133,718	2,030,749	2,842,370	5,973,170	87,532
1955 <sup>5</sup> .....	(NA)	(NA)	1,248,354	3,408,191	1,116,783	1,999,832	2,683,907	5,649,508	85,551
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	1,195,779	3,236,141	1,069,867	1,898,999	2,521,135	5,165,547	76,552
Administrative and auxiliary establishments..	(NA)	(NA)	5,715	34,346	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	31,372	13,280	1,190,064	3,201,795	1,069,867	1,898,999	2,521,135	5,165,547	76,552
Operating manufacturing establishments:									
1953 <sup>5</sup> .....	(NA)	(NA)	1,227,161	3,357,941	1,105,498	1,994,996	2,652,212	5,414,627	60,161
1952 <sup>5</sup> .....	28,979	(NA)	1,142,655	3,079,050	1,018,354	1,875,459	2,403,660	4,849,336	54,657
1951 <sup>5</sup> .....	28,931	(NA)	1,123,171	2,955,023	1,001,672	1,818,650	2,294,761	4,698,888	69,309
1950 <sup>5</sup> .....	26,145	(NA)	1,150,624	2,765,215	1,004,685	1,815,125	2,170,191	4,175,974	62,558
1949 <sup>5</sup> .....	(NA)	(NA)	1,160,808	2,717,148	1,008,696	1,812,868	2,093,843	4,245,194	53,712
1947.....	30,963	(NA)	1,081,670	2,525,183	973,029	1,811,120	2,014,758	4,439,597	83,945
1939 <sup>6</sup> .....	20,275	(NA)	(NA)	(NA)	752,829	(NA)	656,289	1,386,004	(NA)
1937 <sup>6</sup> .....	16,284	(NA)	(NA)	(NA)	693,112	(NA)	600,424	1,244,542	(NA)
1935.....	18,852	(NA)	(NA)	(NA)	630,678	(NA)	545,470	1,122,911	(NA)
1933.....	14,801	(NA)	(NA)	(NA)	513,448	(NA)	365,732	825,770	(NA)
1931.....	19,650	(NA)	(NA)	(NA)	531,190	(NA)	502,602	1,369,698	(NA)
1929.....	22,870	(NA)	680,930	900,936	606,087	(NA)	686,846	1,927,269	(NA)
1927.....	21,977	(NA)	648,133	859,447	570,613	(NA)	672,644	1,877,954	(NA)
1925.....	18,609	(NA)	(NA)	(NA)	515,264	(NA)	601,603	1,685,332	(NA)
1923.....	20,333	(NA)	634,782	815,860	545,491	(NA)	626,818	1,748,238	(NA)
1921.....	20,049	(NA)	585,666	732,910	514,666	(NA)	584,036	1,408,056	(NA)
1919.....	22,501	(NA)	640,084	769,175	553,715	(NA)	578,077	1,617,726	(NA)
1914.....	18,015	(NA)	617,477	355,918	548,255	(NA)	269,953	682,344	(NA)
1909.....	16,747	(NA)	(NA)	(NA)	537,275	(NA)	247,061	613,541	(NA)
1904.....	12,416	(NA)	428,009	194,188	391,275	(NA)	158,855	413,851	(NA)
1899.....	12,619	(NA)	364,430	149,500	337,934	(NA)	123,092	309,057	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

<sup>2</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For industries reporting the value of production, the adjustment for the change in finished products inventories was not made. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

See Introduction, "Value Added by Manufacture."

<sup>3</sup>Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these establishments are not available for the years 1955-1957, or prior to 1949.

<sup>4</sup>The 1958 data are not completely comparable to data shown for prior years. In 1957 and prior years establishments producing hats, except cloth and millinery, were included in Major Group 22, Textile Mill Products. In 1958 they are included in Major Group 23. In 1954 these plants had 12,988 employees and value added by manufacture of \$61,886 thousand. In addition establishments primarily engaged in shrinking and sponging of cloth are classified in Major Group 22 for 1958, but were included in Major Group 23 for 1957 and prior years. Such establishments in 1958 had 1,723 employees and \$10,709 thousand value added by manufacture.

<sup>5</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.

<sup>6</sup>The figures for all years except 1939 and 1937 include data for establishments that cut and stitch products from knit cloth made in separate mills of integrated companies. The 1939 and 1937 data for these establishments are included in the figures for the textile mill products industries.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
23	APPAREL AND RELATED PRODUCTS, TOTAL <sup>1</sup>	29 297	13 008	1 180 517	3 585 646	1 031 784	1 836 564	2 770 570	6 003 853	89 450	1 190 064	15 147 371
	NEW ENGLAND . . . . .	1 781	995	88 097	263 028	77 599	136 667	206 355	429 129	5 228	86 849	362 163
	MAINE . . . . .	41	21	3 072	8 379	2 784	4 761	6 659	15 137	152	2 922	13 226
	NEW HAMPSHIRE . . . . .	35	21	1 479	3 915	1 343	2 390	3 209	5 689	52	1 147	3 749
	VERMONT . . . . .	28	20	1 882	5 053	1 725	3 006	4 259	7 672	56	2 249	7 901
	MASSACHUSETTS . . . . .	1 246	680	59 586	178 071	52 234	91 524	138 501	282 747	3 763	58 897	244 050
	RHODE ISLAND . . . . .	76	44	4 250	11 573	3 765	6 647	9 139	20 520	280	4 154	18 509
	CONNECTICUT . . . . .	355	209	17 828	56 037	15 748	28 339	44 588	97 364	925	17 467	74 726
	MIDDLE ATLANTIC . . . . .	19 041	7 916	576 298	1 890 014	496 766	873 603	1 436 654	3 207 276	43 935	614 949	2 879 631
	NEW YORK . . . . .	14 289	5 331	342 269	1 233 699	285 264	505 156	891 417	2 182 480	29 260	379 926	2 012 515
	NEW JERSEY . . . . .	2 472	1 029	75 477	228 117	67 937	118 586	190 153	372 472	7 275	77 872	319 202
	PENNSYLVANIA . . . . .	2 280	1 556	158 552	428 198	143 565	249 861	355 084	652 324	7 400	157 151	547 914
	EAST NORTH CENTRAL . . . . .	2 004	832	96 681	322 342	81 479	146 445	234 125	526 863	8 611	110 567	495 060
	OHIO . . . . .	393	161	21 379	70 779	17 471	31 149	48 380	123 252	1 596	25 714	112 759
	INDIANA . . . . .	179	100	12 892	34 979	11 382	19 947	28 024	59 283	790	15 358	60 167
	ILLINOIS . . . . .	1 002	423	44 345	148 714	37 786	67 709	107 567	246 407	3 443	50 817	232 342
	MICHIGAN . . . . .	251	79	11 010	46 324	9 008	17 237	34 999	57 110	2 278	10 218	52 027
	WISCONSIN . . . . .	179	69	7 055	21 546	5 832	10 403	15 155	40 811	504	8 458	37 753
	WEST NORTH CENTRAL . . . . .	836	471	48 311	140 238	42 081	75 772	106 320	234 363	3 094	52 237	212 260
	MINNESOTA . . . . .	183	89	7 735	23 964	6 517	11 650	17 691	42 040	488	8 971	38 962
	IOWA . . . . .	71	42	3 888	11 191	3 420	6 485	8 420	17 887	578	3 975	12 541
	MISSOURI . . . . .	468	293	32 371	93 690	28 266	50 585	70 715	154 662	1 620	35 375	145 390
	NORTH DAKOTA . . . . .	2	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	SOUTH DAKOTA . . . . .	6	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	NEBRASKA . . . . .	38	15	1 533	3 935	1 341	2 387	3 211	7 307	(D)	1 493	6 723
	KANSAS . . . . .	68	32	2 766	7 413	2 520	4 638	6 240	12 385	265	2 406	8 593
	SOUTH ATLANTIC . . . . .	1 666	1 007	150 883	385 608	135 822	246 587	312 385	640 955	11 374	134 933	468 739
	DELAWARE . . . . .	28	17	3 308	11 313	2 362	4 266	6 426	28 390	90	3 265	22 037
	MARYLAND . . . . .	346	199	22 107	68 067	18 617	33 857	48 764	119 006	1 607	24 043	105 151
	DISTRICT OF COLUMBIA . . . . .	18	3	198	659	152	295	481	829	25	177	726
	VIRGINIA . . . . .	158	113	21 479	51 861	20 091	35 712	45 032	75 435	1 112	19 584	59 293
	WEST VIRGINIA . . . . .	34	22	3 879	8 979	3 587	6 314	7 818	12 290	140	4 321	11 316
	NORTH CAROLINA . . . . .	243	184	29 378	69 742	26 972	48 121	59 485	115 244	2 312	21 364	63 179
	SOUTH CAROLINA . . . . .	163	122	24 456	55 251	22 188	40 802	46 015	85 198	1 647	19 777	67 955
	GEORGIA . . . . .	346	249	39 429	101 358	36 118	66 852	84 256	175 314	3 593	36 552	119 209
	FLORIDA . . . . .	330	98	6 649	18 378	5 735	10 368	14 108	29 249	848	5 847	19 869
	EAST SOUTH CENTRAL . . . . .	571	449	101 901	234 719	94 859	169 918	205 230	373 604	6 054	82 028	256 962
	KENTUCKY . . . . .	104	83	17 903	45 567	16 504	29 129	38 717	71 022	1 153	17 013	56 661
	TENNESSEE . . . . .	209	163	38 127	85 458	35 452	64 028	74 411	136 737	1 682	27 443	80 888
	ALABAMA . . . . .	146	107	21 995	50 420	20 439	36 431	44 334	89 821	1 611	18 351	64 397
	MISSISSIPPI . . . . .	112	96	23 876	53 274	22 464	40 330	47 768	76 024	1 608	19 221	55 017
	WEST SOUTH CENTRAL . . . . .	736	416	50 008	126 092	45 223	83 127	102 368	203 411	3 971	42 341	143 843
	ARKANSAS . . . . .	56	40	7 715	16 817	7 371	13 066	15 621	24 454	309	5 250	14 381
	LOUISIANA . . . . .	76	37	5 534	14 304	4 692	7 987	10 354	23 577	672	6 179	20 568
	OKLAHOMA . . . . .	62	29	3 433	8 020	3 183	5 889	6 986	15 374	333	2 368	10 204
	TEXAS . . . . .	542	310	33 326	86 951	29 977	56 185	69 407	140 006	2 657	28 543	98 689
	MOUNTAIN . . . . .	200	58	5 382	15 246	4 648	8 507	11 474	24 896	506	4 546	16 539
	MONTANA . . . . .	3	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	IDAHO . . . . .	7	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	WYOMING . . . . .	1	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	COLORADO . . . . .	66	21	1 505	5 116	1 233	2 262	3 486	8 270	158	1 880	6 971
	NEW MEXICO . . . . .	19	4	506	1 182	444	861	971	2 091	35	278	956
	ARIZONA . . . . .	67	18	1 682	4 570	1 464	2 685	3 546	7 432	172	785	3 641
	UTAH . . . . .	31	15	1 638	4 222	1 464	2 625	3 344	6 749	113	1 508	4 543
	NEVADA . . . . .	6	...	14	50	12	19	39	136	14	(*)	(*)
	PACIFIC . . . . .	2 462	864	62 956	208 359	53 307	95 938	155 659	363 356	6 677	61 610	312 171
	WASHINGTON . . . . .	121	41	3 489	11 623	2 806	5 048	8 128	17 971	351	3 694	19 330
	OREGON . . . . .	69	24	2 533	7 976	2 113	3 730	5 725	14 267	153	2 434	13 260
	CALIFORNIA . . . . .	2 272	799	56 934	188 760	48 388	87 160	141 806	331 118	6 173	55 481	279 580
231	MEN'S & BOYS' SUITS & COATS, TOTAL <sup>2</sup>	1 365	763	122 205	407 986	107 215	184 782	321 525	642 510	4 906	119 001	536 880
232	MEN'S AND BOYS' FURNISHINGS, TOTAL	3 120	1 877	272 460	693 239	247 057	441 369	568 885	1 136 917	16 960	285 594	1 008 357
	NEW ENGLAND . . . . .	173	101	9 233	25 463	8 241	14 618	19 955	42 638	551	12 388	43 864
	NEW HAMPSHIRE . . . . .	6	5	308	946	254	465	613	1 826	(D)	538	1 861
	MASSACHUSETTS . . . . .	119	63	5 936	16 205	5 416	9 477	13 231	26 546	349	7 517	26 435
	CONNECTICUT . . . . .	36	24	1 690	4 482	1 482	2 805	3 519	7 036	105	2 473	7 594
	MIDDLE ATLANTIC . . . . .	1 424	657	69 052	201 914	60 442	108 257	155 698	347 065	4 457	86 222	347 162
	NEW YORK . . . . .	953	332	27 237	90 966	21 983	38 883	60 629	170 751	2 702	34 545	167 769
	NEW JERSEY . . . . .	108	70	7 142	20 454	6 245	11 372	16 492	39 009	265	8 396	34 306
	PENNSYLVANIA . . . . .	363	255	34 673	90 494	32 214	58 002	78 577	137 305	1 490	43 281	145 087
	EAST NORTH CENTRAL . . . . .	243	143	17 937	50 844	15 475	27 187	37 652	87 169	896	21 675	84 873
	OHIO . . . . .	51	30	5 053	15 750	3 990	7 128	9 800	30 295	268	5 831	23 844
	INDIANA . . . . .	47	42	5 955	15 589	5 324	9 215	12 598	24 860	309	7 048	27 968
	ILLINOIS . . . . .	102	47	4 625	12 998	4 178	7 277	10 149	21 834	197	5 775	22 117
	MICHIGAN . . . . .	28	12	1 128	3 176	951	1 772	2 534	4 629	93	1 257	4 148
	WISCONSIN . . . . .	15	12	1 176	3 331	1 032	1 795	2 571	5 551	29	1 763	6 795

See footnotes at end of table.

Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
232	MEN'S AND BOYS' FURNISHINGS--CON.											
	WEST NORTH CENTRAL . . . . .	147	116	15 448	39 090	13 995	24 487	31 511	61 974	726	17 995	60 531
	MINNESOTA . . . . .	24	20	1 958	5 694	1 709	2 973	4 342	11 472	59	2 774	13 080
	IOWA . . . . .	18	14	1 158	2 949	1 066	1 980	2 434	4 300	120	1 063	2 717
	MISSOURI . . . . .	86	68	10 794	26 784	9 820	17 173	21 650	40 376	393	13 148	41 326
	NEBRASKA . . . . .	8	6	516	1 334	452	712	1 058	1 854	83	295	945
	KANSAS . . . . .	11	8	1 022	2 329	948	1 649	2 027	3 972	71	714	2 462
	SOUTH ATLANTIC . . . . .	416	337	57 139	131 063	52 961	94 605	113 550	212 344	3 735	57 210	170 698
	DELAWARE . . . . .	6	5	505	1 109	492	853	1 020	1 408	(D)	852	3 307
	MARYLAND . . . . .	95	59	5 592	13 869	4 989	9 029	10 959	26 597	329	7 078	27 091
	VIRGINIA . . . . .	47	44	9 819	21 180	9 388	15 921	19 136	33 818	597	8 937	24 077
	WEST VIRGINIA . . . . .	6	5	631	1 057	608	1 117	941	1 778	(D)	318	634
	NORTH CAROLINA . . . . .	68	60	10 938	23 614	10 214	17 552	21 075	38 151	462	8 832	23 766
	SOUTH CAROLINA . . . . .	45	38	7 984	18 195	7 427	13 707	15 839	26 832	489	7 854	21 098
	GEORGIA . . . . .	113	107	19 882	48 282	18 255	33 638	41 401	77 937	1 595	21 564	66 044
	FLORIDA . . . . .	36	19	1 788	3 757	1 588	2 788	3 179	5 823	211	1 772	4 678
	EAST SOUTH CENTRAL . . . . .	283	271	69 703	156 246	65 312	117 016	137 920	234 954	4 095	56 363	163 751
	KENTUCKY . . . . .	45	41	10 358	25 997	9 631	16 819	22 242	42 802	816	9 300	28 599
	TENNESSEE . . . . .	109	105	28 145	60 868	26 312	47 593	53 460	93 524	1 125	20 157	55 013
	ALABAMA . . . . .	60	58	13 066	28 982	12 163	21 708	25 653	42 810	893	11 692	38 024
	MISSISSIPPI . . . . .	69	67	18 134	40 399	17 206	30 896	36 565	55 818	1 261	15 215	42 117
	WEST SOUTH CENTRAL . . . . .	136	117	21 744	50 251	20 267	36 318	43 608	83 291	1 553	19 490	64 875
	ARKANSAS . . . . .	22	22	5 277	11 178	5 035	8 755	10 392	16 795	174	3 661	10 037
	LOUISIANA . . . . .	20	15	2 623	6 468	2 301	3 863	4 829	12 115	320	2 877	10 111
	OKLAHOMA . . . . .	10	8	1 216	2 815	1 165	2 258	2 607	5 128	200	773	3 321
	TEXAS . . . . .	84	72	12 628	29 790	11 766	21 442	25 780	49 253	859	12 178	41 405
	MOUNTAIN . . . . .	27	12	1 645	5 115	1 328	2 347	3 498	7 721	84	1 248	3 540
	COLORADO . . . . .	6	4	520	2 073	378	596	1 193	3 288	(D)	930	2 952
	ARIZONA . . . . .	12	5	765	2 241	660	1 260	1 727	3 357	62	122	333
	PACIFIC . . . . .	271	123	10 559	33 253	9 036	16 534	25 493	59 761	863	12 998	69 058
	CALIFORNIA . . . . .	245	107	8 758	27 583	7 540	13 928	21 374	49 023	786	11 335	60 407
233	WOMEN'S AND MISSES' OUTERWEAR: TOTAL	9 751	5 537	360 009	1 154 007	310 759	544 042	875 352	1 913 626	22 257	363 896	1 686 067
	NEW ENGLAND . . . . .	659	454	31 344	93 235	27 814	47 739	73 613	146 662	1 437	29 967	122 386
	MAINE . . . . .	8	6	581	1 328	561	884	1 221	1 541	6	275	538
	NEW HAMPSHIRE . . . . .	8	7	453	965	433	739	890	1 315	9	285	728
	VERMONT . . . . .	6	4	612	1 632	559	793	1 281	2 570	7	(*)	(*)
	MASSACHUSETTS . . . . .	491	328	22 549	68 840	19 732	34 080	52 928	108 982	1 122	21 314	93 645
	RHODE ISLAND . . . . .	17	15	849	2 007	786	1 368	1 795	2 579	22	(*)	(*)
	CONNECTICUT . . . . .	129	94	6 300	18 463	5 743	9 875	15 498	29 675	271	6 453	21 761
	MIDDLE ATLANTIC . . . . .	6 884	3 846	216 450	728 921	185 506	320 107	548 693	1 218 060	13 534	229 084	1 106 624
	NEW YORK . . . . .	5 340	2 690	140 427	532 777	116 197	204 810	381 187	934 206	10 349	156 080	867 522
	NEW JERSEY . . . . .	715	507	28 059	79 869	25 755	42 931	69 850	113 056	1 337	28 109	100 778
	PENNSYLVANIA . . . . .	829	649	47 964	116 275	43 554	72 366	97 656	170 798	1 848	44 894	137 846
	EAST NORTH CENTRAL . . . . .	381	249	22 900	74 457	19 614	35 487	54 156	120 653	1 370	27 279	118 561
	OHIO . . . . .	56	44	4 146	14 332	3 464	6 536	9 340	26 972	429	5 377	25 412
	INDIANA . . . . .	21	16	1 902	4 834	1 585	2 792	3 691	8 315	45	2 011	7 143
	ILLINOIS . . . . .	253	156	13 655	45 488	12 003	21 495	34 688	66 333	691	16 649	72 975
	MICHIGAN . . . . .	22	12	532	1 538	450	790	1 222	2 566	18	732	3 003
	WISCONSIN . . . . .	29	21	2 665	8 265	2 112	3 874	5 215	16 467	187	2 509	10 017
	WEST NORTH CENTRAL . . . . .	197	139	14 480	45 762	12 376	22 323	33 652	80 377	691	15 442	72 738
	MINNESOTA . . . . .	34	23	1 461	4 706	1 251	2 196	3 500	7 813	69	1 770	6 648
	MISSOURI . . . . .	140	101	11 105	35 809	9 357	16 806	25 671	62 739	457	11 847	59 195
	KANSAS . . . . .	13	9	762	2 061	714	1 263	1 833	3 329	121	555	2 202
	SOUTH ATLANTIC . . . . .	339	220	27 782	68 611	24 713	45 556	55 376	102 884	1 360	21 189	74 793
	MARYLAND . . . . .	59	45	4 752	14 889	4 047	7 364	10 708	23 892	172	4 670	22 377
	VIRGINIA . . . . .	30	24	4 135	9 628	3 913	7 384	8 574	13 817	126	2 911	9 066
	WEST VIRGINIA . . . . .	8	7	1 398	3 451	1 331	2 455	3 163	5 076	31	1 824	4 920
	NORTH CAROLINA . . . . .	32	24	3 397	7 661	3 101	5 661	6 602	12 190	180	1 910	5 495
	SOUTH CAROLINA . . . . .	37	34	8 316	17 673	7 262	13 604	14 135	24 747	249	5 430	17 459
	GEORGIA . . . . .	45	33	2 778	6 424	2 506	4 603	5 554	8 895	228	1 252	3 870
	FLORIDA . . . . .	121	47	2 608	7 877	2 182	3 874	5 808	13 035	342	2 734	9 975
	EAST SOUTH CENTRAL . . . . .	62	50	6 179	14 359	5 657	10 032	12 242	21 713	314	5 348	17 686
	KENTUCKY . . . . .	16	15	1 379	3 267	1 277	2 249	2 727	3 818	38	2 040	7 079
	TENNESSEE . . . . .	22	17	2 795	6 915	2 580	4 533	5 924	11 453	98	1 872	6 948
	ALABAMA . . . . .	17	12	961	1 969	811	1 369	1 574	3 494	83	285	701
	MISSISSIPPI . . . . .	7	6	1 044	2 208	989	1 881	2 017	2 948	95	1 150	2 958
	WEST SOUTH CENTRAL . . . . .	173	116	10 349	27 059	9 375	17 347	21 691	39 918	762	8 311	30 074
	ARKANSAS . . . . .	15	10	1 777	4 147	1 715	3 234	3 850	5 569	101	1 163	3 505
	OKLAHOMA . . . . .	8	5	379	872	356	661	735	1 360	29	103	238
	TEXAS . . . . .	145	101	8 167	22 002	7 283	13 414	17 078	32 933	625	7 007	26 315
	MOUNTAIN . . . . .	45	23	1 627	4 233	1 469	2 701	3 355	6 972	146	1 322	5 284
	COLORADO . . . . .	7	6	304	841	276	516	677	1 460	22	198	862
	ARIZONA . . . . .	24	10	563	1 385	513	897	1 126	2 307	33	355	1 652
	UTAH . . . . .	7	6	705	1 869	637	1 205	1 438	2 953	81	(*)	(*)
	PACIFIC . . . . .	1 011	440	28 898	97 370	24 235	42 750	72 574	176 387	2 643	25 949	137 917
	WASHINGTON . . . . .	26	11	1 024	3 398	846	1 490	2 449	5 001	43	1 084	7 193
	OREGON . . . . .	15	6	667	2 147	459	762	1 188	3 353	18	772	5 183
	CALIFORNIA . . . . .	970	423	27 207	91 825	22 930	40 498	68 937	168 033	2 582	24 092	125 540

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

(For explanation of column captions see introduction)												
Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
234	WOMEN'S UNDERGARMENTS: TOTAL	1 645	999	111 335	321 591	96 571	172 927	237 380	596 248	8 143	112 234	513 256
	NEW ENGLAND . . . . .	105	84	9 764	27 441	8 660	15 806	21 817	51 845	559	12 034	57 860
	VERMONT . . . . .	7	7	857	2 405	793	1 522	2 121	3 612	36	846	3 100
	MASSACHUSETTS . . . . .	48	37	4 689	12 735	4 202	7 472	10 179	19 992	355	6 106	23 589
	RHODE ISLAND . . . . .	7	4	300	577	251	408	457	992	7	606	2 122
	CONNECTICUT . . . . .	39	33	3 747	11 337	3 252	6 137	8 721	26 681	159	4 426	28 907
	MIDDLE ATLANTIC . . . . .	1 175	642	60 556	179 741	52 002	91 163	129 559	314 548	4 233	64 239	292 724
	NEW YORK . . . . .	894	425	34 615	109 114	29 075	51 214	75 651	195 354	2 669	37 200	191 118
	NEW JERSEY . . . . .	112	70	8 897	28 623	7 520	13 145	20 118	55 761	604	10 108	49 779
	PENNSYLVANIA . . . . .	169	147	17 044	42 004	15 407	26 804	33 790	63 433	960	16 929	51 826
	EAST NORTH CENTRAL . . . . .	75	53	7 379	23 316	6 225	11 561	15 885	51 473	745	7 729	43 769
	INDIANA . . . . .	7	7	867	1 953	766	1 401	1 671	6 442	35	1 006	5 606
	ILLINOIS . . . . .	42	29	4 550	16 594	3 685	6 805	10 082	35 719	611	4 414	27 991
	MICHIGAN . . . . .	15	10	1 350	3 221	1 194	2 328	2 719	5 887	92	1 670	6 416
	WEST NORTH CENTRAL . . . . .	22	21	1 827	5 056	1 594	2 811	3 801	8 264	55	2 508	9 853
	MINNESOTA . . . . .	5	4	333	787	281	462	594	1 595	7	(*)	(*)
	MISSOURI . . . . .	10	10	916	2 735	788	1 390	1 856	4 363	27	1 351	5 666
	SOUTH ATLANTIC . . . . .	119	96	17 667	48 165	15 319	28 045	36 540	100 048	1 252	13 919	58 165
	VIRGINIA . . . . .	12	8	1 359	3 339	1 183	2 163	2 663	4 559	55	1 401	3 525
	NORTH CAROLINA . . . . .	48	41	6 283	15 607	5 669	10 286	12 723	27 785	430	4 700	16 300
	GEORGIA . . . . .	26	22	4 858	13 319	4 482	8 513	11 001	32 440	430	2 712	10 663
	FLORIDA . . . . .	7	4	304	826	255	460	566	1 146	24	246	871
	EAST SOUTH CENTRAL . . . . .	28	26	6 293	15 173	5 905	10 618	13 490	32 214	514	4 438	20 706
	ALABAMA . . . . .	14	13	3 757	9 444	3 596	6 374	8 469	20 264	307	(*)	(*)
	MISSISSIPPI . . . . .	6	6	1 492	3 244	1 336	2 467	2 872	6 686	103	763	3 352
	WEST SOUTH CENTRAL . . . . .	34	27	3 353	8 628	3 001	5 750	6 611	16 171	248	3 278	10 796
	TEXAS . . . . .	22	18	1 698	4 735	1 480	3 094	3 389	8 039	200	(*)	(*)
	WEST . . . . .	87	50	4 496	14 071	3 865	7 173	9 677	21 685	537	(*)	(*)
	CALIFORNIA . . . . .	80	45	3 986	12 825	3 395	6 310	8 594	19 660	518	(*)	(*)
235	MILLINERY: HATS AND CAPS: TOTAL	1 249	453	35 539	123 429	30 832	55 891	96 409	200 431	2 446	40 538	192 193
	NEW ENGLAND . . . . .	71	34	5 374	18 729	4 745	8 272	15 008	29 639	175	29 731	145 956
	CONNECTICUT . . . . .	20	12	2 488	10 302	2 086	3 534	7 929	16 430	(D)	(*)	(*)
	MIDDLE ATLANTIC . . . . .	898	292	20 184	74 350	17 355	31 416	57 956	122 875	1 627	(*)	(*)
	NEW YORK . . . . .	809	254	15 557	56 790	13 190	24 067	44 730	97 483	1 324	16 710	88 539
	NEW JERSEY . . . . .	34	12	927	3 033	799	1 415	2 425	4 951	51	(*)	(*)
	PENNSYLVANIA . . . . .	55	26	3 900	14 527	3 366	5 934	10 801	20 441	252	4 197	21 223
	EAST NORTH CENTRAL . . . . .	90	37	2 581	8 450	2 232	3 894	6 381	13 864	176	3 281	15 500
	OHIO . . . . .	14	3	212	714	162	311	468	1 055	9	(*)	(*)
	ILLINOIS . . . . .	61	28	1 889	6 436	1 654	2 919	4 961	10 836	155	(*)	(*)
	WEST NORTH CENTRAL . . . . .	58	35	2 811	7 907	2 511	4 627	6 382	11 890	148	2 839	10 434
	MISSOURI . . . . .	49	32	2 572	7 110	2 333	4 306	5 842	10 779	126	(*)	(*)
	SOUTH . . . . .	72	40	3 805	11 216	3 322	6 427	8 489	17 510	270	(*)	(*)
	MARYLAND . . . . .	11	7	620	2 047	552	1 096	1 439	3 223	19	(*)	(*)
	GEORGIA . . . . .	4	4	225	617	189	306	436	1 067	(D)	(*)	(*)
	KENTUCKY . . . . .	3	3	219	656	201	422	567	1 036	7	190	925
	WEST . . . . .	60	15	784	2 777	667	1 255	2 193	4 653	50	(*)	(*)
	CALIFORNIA . . . . .	51	13	678	2 461	591	1 114	1 991	4 160	44	(*)	(*)
236	CHILDREN'S OUTERWEAR: TOTAL	1 928	1 074	80 809	231 184	71 024	127 147	178 584	381 349	5 014	77 538	322 052
	NEW ENGLAND . . . . .	93	52	5 268	14 941	4 780	8 869	12 214	25 034	325	4 509	20 056
	MASSACHUSETTS . . . . .	59	31	2 955	8 610	2 638	4 835	6 789	13 632	181	2 002	9 149
	MIDDLE ATLANTIC . . . . .	1 407	779	51 184	155 430	44 371	78 664	116 784	259 872	3 084	53 350	236 276
	NEW YORK . . . . .	961	459	26 008	87 942	21 739	38 661	61 117	158 383	2 066	28 626	145 038
	NEW JERSEY . . . . .	214	135	8 374	23 615	7 582	13 374	19 194	36 969	464	9 158	35 760
	PENNSYLVANIA . . . . .	232	185	16 802	43 873	15 050	26 629	36 473	64 520	554	15 564	55 478
	EAST NORTH CENTRAL . . . . .	53	24	1 996	5 340	1 692	3 195	4 038	9 212	(D)	2 899	11 439
	OHIO . . . . .	6	2	177	452	146	220	252	811	(D)	(*)	(*)
	ILLINOIS . . . . .	18	8	467	1 279	388	769	967	2 338	35	1 001	4 016
	MICHIGAN . . . . .	17	10	926	2 398	798	1 469	1 894	4 301	56	1 025	4 012
	WEST NORTH CENTRAL . . . . .	44	23	1 804	4 648	1 465	2 650	3 435	9 361	(D)	2 617	9 612
	MINNESOTA . . . . .	13	5	727	1 778	592	1 033	1 452	3 848	56	1 057	3 900
	IOAA . . . . .	3	3	274	805	200	356	466	1 497	17	315	1 128
	MISSOURI . . . . .	21	10	583	1 516	465	852	1 031	3 088	35	867	3 663
	KANSAS . . . . .	7	5	220	549	208	409	486	928	3	(*)	(*)
	SOUTH ATLANTIC . . . . .	123	94	12 728	30 827	11 736	21 142	25 839	44 875	875	6 626	18 550
	MARYLAND . . . . .	17	12	795	1 947	726	1 264	1 714	2 827	20	637	1 640
	VIRGINIA . . . . .	15	15	1 817	4 317	1 744	3 290	3 961	4 882	45	1 715	4 015
	NORTH CAROLINA . . . . .	26	24	2 734	6 733	2 493	4 363	5 522	9 595	366	1 902	4 892
	SOUTH CAROLINA . . . . .	20	18	4 778	11 124	4 480	8 001	9 321	18 166	332	822	2 935
	GEORGIA . . . . .	14	12	1 366	3 504	1 220	2 312	2 856	4 852	(D)	652	2 177
	FLORIDA . . . . .	21	9	669	1 913	587	1 103	1 468	2 901	35	291	1 274

See footnotes at end of table.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- ture, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
236	CHILDREN'S OUTERWEAR--CONTINUED											
	EAST SOUTH CENTRAL.....	15	11	1 474	3 492	1 335	2 406	2 938	6 419	96	1 175	3 083
	ALABAMA.....	8	6	831	2 016	759	1 448	1 739	4 758	79	(*)	(*)
	WEST SOUTH CENTRAL.....	66	41	3 395	8 794	3 047	5 824	7 000	13 642	159	3 125	10 135
	TEXAS.....	54	35	2 966	7 779	2 674	5 170	6 133	12 018	137	2 816	9 519
	PACIFIC.....	121	49	2 876	7 587	2 521	4 295	6 231	12 626	241	(*)	(*)
237	FUR GOODS, TOTAL <sup>2</sup>	1 651	78	9 355	50 454	7 944	13 648	41 715	95 411	2 644	9 983	74 755
238	MISCELLANEOUS APPAREL, TOTAL	1 701	729	60 026	177 499	51 884	91 989	133 232	306 277	3 644	64 333	266 605
	NEW ENGLAND.....	148	83	6 948	20 910	6 084	10 721	15 974	32 767	355	7 265	29 677
	MASSACHUSETTS.....	103	57	4 887	14 651	4 246	7 477	11 305	22 225	263	5 144	20 839
	RHODE ISLAND.....	13	8	551	1 457	504	886	1 164	3 120	9	542	1 911
	CONNECTICUT.....	26	14	964	3 169	858	1 518	2 369	5 074	77	1 078	4 779
	MIDDLE ATLANTIC.....	1 097	438	30 976	96 486	26 433	47 091	71 710	174 286	1 984	33 320	150 974
	NEW YORK.....	909	332	22 756	73 897	19 048	34 199	53 968	137 208	1 530	24 179	116 171
	NEW JERSEY.....	99	53	3 677	10 144	3 386	5 866	8 692	17 662	218	3 950	13 775
	PENNSYLVANIA.....	89	53	4 543	12 445	3 999	7 026	9 050	19 416	236	5 190	21 027
	EAST NORTH CENTRAL.....	158	67	7 454	22 092	6 301	11 274	15 992	37 718	293	9 757	39 941
	OHIO.....	33	13	1 703	5 271	1 439	2 642	3 763	9 332	63	1 609	6 230
	INDIANA.....	18	10	1 194	3 451	1 073	1 811	2 850	5 507	18	1 683	6 024
	ILLINOIS.....	64	27	2 971	8 163	2 522	4 496	5 878	13 790	136	3 813	14 265
	MICHIGAN.....	16	5	407	1 412	254	448	686	2 616	29	1 043	6 114
	WISCONSIN.....	27	12	1 179	3 795	1 013	1 877	2 815	6 473	47	1 608	7 307
	WEST NORTH CENTRAL.....	42	24	1 674	4 118	1 507	2 634	3 349	5 564	88	2 262	7 285
	MINNESOTA.....	8	2	137	373	116	207	282	476	20	427	1 631
	IOWA.....	9	6	430	1 136	369	692	838	1 810	15	(*)	(*)
	SOUTH ATLANTIC.....	64	37	4 813	12 468	4 334	7 492	9 448	21 615	384	4 529	12 535
	MARYLAND.....	8	4	521	1 682	472	790	1 243	3 826	63	188	554
	SOUTH CAROLINA.....	13	9	817	2 179	753	1 388	1 652	3 537	49	368	899
	GEORGIA.....	20	11	1 632	4 070	1 433	2 385	3 057	7 086	161	1 650	4 033
	FLORIDA.....	9	4	200	631	218	403	502	819	22	(*)	(*)
	EAST SOUTH CENTRAL.....	23	20	3 591	7 736	3 313	5 646	6 747	12 213	173	2 814	8 346
	TENNESSEE.....	6	6	890	1 905	851	1 418	1 718	2 980	39	(*)	(*)
	WEST SOUTH CENTRAL.....	46	23	2 109	5 261	1 797	3 215	3 866	8 294	96	1 696	5 389
	OKLAHOMA.....	7	4	313	859	282	529	663	1 348	15	124	537
	TEXAS.....	26	14	1 343	3 386	1 087	1 961	2 241	5 462	49	1 422	4 589
	MOUNTAIN.....	15	4	265	789	230	420	543	1 551	60	384	1 727
	PACIFIC.....	108	33	2 196	7 639	1 885	3 496	5 603	12 269	211	2 303	10 727
	WASHINGTON.....	8	3	212	586	192	377	462	857	3	(*)	(*)
	OREGON.....	7	2	140	407	126	207	326	514	19	(*)	(*)
	CALIFORNIA.....	93	28	1 844	6 646	1 567	2 912	4 815	10 898	189	1 872	9 407
239	FABRICATED TEXTILES, NEC, TOTAL	6 887	1 498	128 779	426 257	108 498	204 769	317 488	731 084	23 436	<sup>3</sup> 134 560	<sup>3</sup> 626 928
	NEW ENGLAND.....	399	118	10 656	32 474	9 093	16 842	24 144	59 526	1 370	11 159	49 791
	NEW HAMPSHIRE.....	11	1	162	507	147	309	458	700	10	(*)	(*)
	MASSACHUSETTS.....	266	85	7 295	21 787	6 177	11 352	15 759	41 076	1 029	7 784	34 013
	CONNECTICUT.....	80	22	1 994	6 530	1 736	3 363	5 087	9 974	169	1 591	5 598
	MIDDLE ATLANTIC.....	3 828	740	54 774	181 833	46 461	86 988	137 988	325 907	10 066	59 818	287 113
	NEW YORK.....	2 432	531	35 793	118 612	29 928	55 047	86 997	211 044	4 976	42 347	199 399
	NEW JERSEY.....	1 078	105	11 272	40 567	10 022	19 518	33 965	74 258	4 079	10 160	54 660
	PENNSYLVANIA.....	318	104	7 709	22 654	6 511	12 423	17 026	40 605	1 011	7 310	33 054
	EAST NORTH CENTRAL.....	818	190	19 371	79 998	15 434	29 662	55 809	114 391	4 075	18 866	100 417
	OHIO.....	187	42	3 488	12 182	2 633	4 983	7 660	17 441	517	4 545	22 721
	INDIANA.....	76	18	1 410	4 979	1 184	2 300	3 528	8 047	317	1 696	7 700
	ILLINOIS.....	342	93	7 076	25 957	5 746	11 044	17 293	47 635	1 093	7 034	36 323
	MICHIGAN.....	139	27	6 510	34 007	5 219	10 147	25 437	35 650	1 980	4 367	27 249
	WISCONSIN.....	74	10	887	2 873	652	1 188	1 891	5 618	168	1 222	6 421
	WEST NORTH CENTRAL.....	272	92	6 077	20 013	4 980	9 718	13 982	34 854	1 125	7 319	32 661
	MINNESOTA.....	65	20	1 557	4 890	1 263	2 350	3 451	8 370	182	1 368	7 132
	IOWA.....	28	9	988	3 406	815	1 682	2 234	5 601	390	1 005	4 515
	MISSOURI.....	122	44	2 866	9 479	2 349	4 553	6 626	17 182	474	3 858	16 051
	NEBRASKA.....	18	2	100	253	79	138	188	449	(D)	393	2 260
	KANSAS.....	32	7	549	1 941	458	969	1 441	3 170	(D)	679	2 665
	SOUTH ATLANTIC.....	465	135	16 575	46 811	14 581	27 514	36 736	83 241	3 298	<sup>4</sup> 27 110	<sup>4</sup> 108 804
	DELAWARE.....	9	1	147	365	132	243	308	610	33	156	462
	MARYLAND.....	68	19	2 234	7 635	1 706	3 373	4 700	12 513	792	(*)	(*)
	VIRGINIA.....	37	12	1 904	6 368	1 606	3 065	4 540	9 724	231	2 370	11 499
	NORTH CAROLINA.....	58	26	4 166	11 685	3 822	7 279	10 072	20 555	758	(*)	(*)
	SOUTH CAROLINA.....	37	14	1 421	3 231	1 254	2 268	2 696	7 082	269	(*)	(*)
	GEORGIA.....	112	48	5 591	14 047	5 142	9 517	11 780	27 314	978	(*)	(*)
	FLORIDA.....	122	11	882	2 732	743	1 450	2 114	4 509	200	(*)	(*)

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more non- employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
239	FABRICATED TEXTILES, NEC--CONTINUED											
	EAST SOUTH CENTRAL . . . . .	126	40	5 566	14 525	4 878	9 317	11 632	27 644	555	(4)	(4)
	KENTUCKY . . . . .	26	11	954	2 725	771	1 552	2 069	3 260	167	874	2 274
	TENNESSEE . . . . .	46	14	2 120	5 563	1 811	3 536	4 266	10 156	147	2 440	11 388
	ALABAMA . . . . .	36	9	1 492	3 899	1 358	2 676	3 320	10 819	195	1 509	6 542
	MISSISSIPPI . . . . .	18	6	1 000	2 338	938	1 553	1 977	3 409	46	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	217	56	4 647	13 288	3 865	7 452	10 086	22 560	803	(4)	(4)
	LOUISIANA . . . . .	24	11	1 041	2 677	782	1 457	1 919	3 869	271	1 177	3 654
	OKLAHOMA . . . . .	25	4	242	634	200	367	486	924	49	(*)	(*)
	TEXAS . . . . .	158	41	3 334	9 908	2 858	5 587	7 623	17 642	477	2 674	8 915
	MOUNTAIN . . . . .	90	9	908	2 633	769	1 470	2 052	5 048	183	723	3 205
	COLORADO . . . . .	36	6	306	1 003	261	494	726	1 770	102	446	1 961
	UTAH . . . . .	12	1	115	438	100	174	373	1 119	22	112	513
	PACIFIC . . . . .	672	128	10 205	34 682	8 437	15 806	25 059	57 913	1 961	9 562	44 934
	WASHINGTON . . . . .	55	10	876	3 069	716	1 280	2 228	5 032	214	811	3 774
	OREGON . . . . .	35	11	940	3 159	789	1 514	2 229	4 737	97	768	3 980
	CALIFORNIA . . . . .	582	107	8 389	28 454	6 932	13 012	20 602	48 144	1 650	7 982	37 179

Note: Due to a change in the Standard Industrial Classification system between the two Census years the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>The 1954 totals for Major Group 23 are not completely comparable to the 1958 data because the 1954 data include information for plants primarily engaged in shrinking and sponging of cloth for others (group 239). Such plants in 1958 were classified in Major Group 22 and in 1958 had 1,723 employees and \$10,709 thousand value added by manufacture. In addition, the 1954 totals exclude plants primarily producing hats, except cloth and millinery, which were classified in Major Group 22 in 1954 and in Major Group 23 in 1958. In 1954, such plants had 12,988 employees and value added by manufacture of \$61,886 thousand. Most of these plants are now classified in Group 235 and the 1954 totals for that group have been revised to include producers of hats, except millinery and cloth. Therefore, the 3-digit totals shown in this table do not add to the summary figures for Major Group 23.

<sup>2</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

<sup>3</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.

<sup>4</sup>Data for South Atlantic includes East and West South Central.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Apparel and related products (SIC 23)	Men's and boys' suits and coats (SIC 231)	Men's and boys' furnishings (SIC 232)	Women's and misses' outerwear (SIC 233)	Women's undergarments (SIC 234)	Millinery, hats and caps (SIC 235)	Children's outerwear (SIC 236)	Fur goods (SIC 237)	Miscellaneous apparel (SIC 238)	Fabricated textiles, nec (SIC 239)
Number of establishments, total.....	29,297	1,365	3,120	9,751	1,645	1,249	1,928	1,651	1,701	6,887
With 1-19 employees.....	16,289	602	1,243	4,214	646	796	854	1,573	972	5,389
With 20-99 employees.....	10,350	472	1,036	4,926	690	392	889	76	591	1,278
With 100 employees or more.....	2,658	291	841	611	309	61	185	2	138	220
Proprietors and working partners.....Number..	18,959	750	1,579	5,971	762	788	1,245	1,280	1,050	5,534
All employees:										
Number (average for the year).....	1,180,517	122,205	272,460	360,009	111,335	35,539	80,809	9,355	60,026	128,779
Payroll.....\$1,000..	3,585,646	407,986	693,239	1,154,007	321,591	123,429	231,184	50,454	177,499	426,257
Production workers:										
Number (average for the year).....	1,031,784	107,215	247,057	310,759	96,571	30,832	71,024	7,944	51,884	108,498
March.....	1,020,758	108,000	244,863	307,486	95,640	33,773	70,787	6,557	50,313	103,339
May.....	999,870	104,129	242,612	303,724	92,390	27,294	67,695	7,813	49,634	104,579
August.....	1,048,401	108,516	250,315	316,598	96,280	31,820	74,311	8,814	53,072	108,675
November.....	1,058,497	108,215	250,041	315,350	101,974	30,441	71,303	9,259	54,515	117,399
Man-hours.....1,000..	1,836,564	184,782	441,369	544,042	172,927	55,891	127,147	13,648	91,989	204,769
January-March.....do....	451,987	46,653	108,735	134,459	42,522	15,159	31,706	2,603	21,915	48,235
April-June.....do....	447,375	45,403	108,376	134,031	40,910	12,539	30,842	3,298	22,356	49,620
July-September.....do....	459,192	44,641	111,162	136,354	42,704	13,987	32,607	3,750	23,199	50,788
October-December.....do....	478,010	48,085	113,096	139,198	46,791	14,206	31,992	3,997	24,519	56,126
Wages.....\$1,000..	2,770,570	321,525	568,885	875,352	237,380	96,409	178,584	41,715	133,232	317,488
Value added by manufacture, adjusted....do....	6,003,853	642,510	1,136,917	1,913,626	596,248	200,431	381,349	95,411	306,277	731,084
Cost of fuels consumed.....do....	15,747	1,981	3,184	3,314	1,296	1,261	695	284	872	2,860
Cost of electricity purchased.....do....	34,517	2,865	5,008	10,933	2,846	1,596	2,109	873	1,869	6,418
Manufacturers' inventories:										
Beginning of year, total.....do....	1,701,991	228,628	430,988	339,302	175,358	40,230	91,239	41,987	97,640	256,619
Finished products.....do....	751,837	94,666	230,039	128,955	82,332	14,498	36,494	26,569	48,335	89,949
Work-in-process.....do....	311,227	45,071	56,797	67,561	38,765	7,698	19,965	4,761	18,584	52,025
Materials, supplies, fuel, etc.....do....	638,927	88,891	144,152	142,786	54,261	18,034	34,780	10,657	30,721	114,645
End of year, total.....do....	1,633,385	199,477	409,418	333,468	174,465	39,793	90,270	43,227	94,630	248,637
Finished products.....do....	717,007	82,498	215,939	125,770	79,672	14,340	35,700	26,940	44,252	91,896
Work-in-process.....do....	307,898	43,258	57,468	68,718	41,104	7,029	19,599	5,477	19,806	45,439
Materials, supplies, fuel, etc.....do....	608,480	73,721	136,011	138,980	53,689	18,424	34,971	10,810	30,572	111,302
Expenditures for plant and equipment, total.....do....	97,538	5,215	18,032	24,432	8,821	2,597	5,445	2,832	4,155	26,009
New, total.....do....	89,450	4,906	16,960	22,257	8,143	2,446	5,014	2,644	3,644	23,436
New structures and additions to plant.....do....	25,450	1,297	4,757	6,744	2,233	419	840	400	689	8,071
New machinery and equipment.....do....	64,000	3,609	12,203	15,513	5,910	2,027	4,174	2,244	2,955	15,365
Used plant and equipment.....do....	8,088	309	1,072	2,175	678	151	431	188	511	2,573

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.



# Men's and Boys' Apparel

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2311—Men's, Youths', and Boys' Suits, Coats, and Overcoats
- 2321—Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear
- 2322—Men's, Youths', and Boys' Underwear
- 2323—Men's, Youths', and Boys' Neckwear
- 2327—Men's, Youths', and Boys' Separate Trousers
- 2328—Work Clothing
- 2329—Men's, Youths', and Boys' Clothing, N.E.C.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the Census of Business.

## Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

The 1957 edition of the Standard Industrial Classification Manual included apparel jobbers within the manufacturing sector. The previous edition had been amended by

the Bureau of the Budget to transfer apparel jobbers from Wholesale Trade to Manufacturing. Since apparel jobbers were also included in manufacturing in earlier Censuses of Manufactures, data for 1958 and earlier years shown in this report are comparable.

## Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

## Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2-4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multi-plant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are usually



described in the trade, where contractors are thought of as independently owned establishments.

The following table provides comparative data for each of the three types of establishments included in the industries covered by this report.

SUMMARY STATISTICS FOR MEN'S AND BOYS' APPAREL INDUSTRIES (GROUPS 231 AND 232), BY TYPE OF ESTABLISHMENT: 1958

Item	Manufac- turers (02)	Jobbers (03)	Con- trac- tors (04)
Production workers, number.....	<sup>r</sup> 194,159	8,755	151,358
All employees, number..	<sup>r</sup> 217,399	17,976	159,290
Ratio of production work- ers to all employees.....	.89	.49	.95
Total value of production, including miscellaneous receipts (\$1,000).....	<sup>r</sup> 2,369,439	1,080,193	<sup>1</sup> 545,200
Adjusted value added by manufacture (\$1,000).....	<sup>r</sup> 1,071,973	224,528	482,926
Ratio of adjusted value added by manufacture to total value of production	.45	.21	.89
Salaries and wages paid (\$1,000).....	<sup>r</sup> 619,587	84,800	396,838
Ratio of wages and sal- aries to adjusted value added by manufacture.....	.58	.38	.82

<sup>1</sup>This figure consists largely of receipts for contract work, but such receipts are treated as equivalent to value of production in the industry statistics (tables 1-4) and part of table 5. <sup>r</sup>Revised.

#### 2311—Men's, Youths', and Boys' Suits, Coats, and Overcoats

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (military, policemen's, firemen's, etc.) and tailored dress and sport coats, including sport and leisure jackets, are also included in this industry. Establishments primarily engaged in manufacturing men's work and sport garments (such as lumber-jackets, ski suits, and riding garments) are classified in Group 232, Men's, Youths', and Boys' Furnishings, Work Clothing, and Allied Garments. For a detailed list of products of Industry 2311, refer to table 6A, product codes 2311111 to 2311451.

The specialization and coverage ratios for Industry 2311 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The product class groupings for Industry 2311 were revised in the 1958 Census of Manufactures to separate the statistics on boys' suits, coats, and overcoats. This revision permits a more homogeneous grouping of producers of these products since few men's tailored apparel manufacturers also make boys' suits and coats. The degree to which establishments tend to specialize in men's suits, coats, and overcoats is shown in table 8.

#### 2321—Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' shirts, collars, and nightwear cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing knit outerwear sport shirts from purchased knit fabric are also classified in Industry 2321. Establishments primarily engaged in manufacturing work shirts are classified in Industry 2328, Work Clothing. Knitting mills primarily engaged in manufacturing nightwear are classified in Industry 2254, Knit Underwear Mills, and knit sport shirts in Industry 2253, Knit Outerwear Mills. For a detailed list of products of Industry 2321, refer to table 6A, product codes 2321261 to 2321516.

The value of production and other receipts of the Men's Dress Shirts and Nightwear Industry in 1958 totaled \$967 million. This included production of men's and boys' shirts and nightwear (primary products), valued at \$704 million, production of other products (secondary products), valued at \$81 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$182 million.

This industry's production of men's and boys' shirts and nightwear (primary products) in 1958 represented 90 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary products made by this industry in 1958 consisted mainly of women's woven fabric blouses, \$19 million, and men's and boys' heavy outerwear jackets, \$18 million.

Men's and boys' knit outerwear shirts made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills; men's and boys' knit nightwear made in knitting mills is included in Industry 2254, Knit Underwear Mills. The production of men's and boys' knit shirts and nightwear cut and sewed from purchased knit fabric is, however, included in Industry 2321. In order to show the total value of men's and boys' knit outerwear shirts and knit underwear made by all industries (regardless of the method of production), combined values for the 2253---, 2254---, and 2321--- products are given in tables 5 and 6A. Using the combined figure of \$864 million of men's and boys' shirts and nightwear (knit and woven) made by all industries as the base, Industry 2321 production of men's and boys' shirts and nightwear in 1958 accounted for 81 percent of the total dollar value of these products. In 1954, the coverage ratio on this basis was 85 percent.

If, however, only the production of men's and boys' shirts and nightwear cut and sewed from purchased woven or knit fabric is considered, Industry 2321 production in 1958 represented 91 percent of the total production of men's and boys' shirts and nightwear cut and sewed from purchased fabrics, valued at \$775 million. Viewed in this way, there is a high degree of comparability between the industry statistics (tables 1-4) and the total value of the 2321--- products shown in table 6A.

#### 2322—Men's, Youths', and Boys' Underwear

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in Industry 2254. For a detailed list of



products of Industry 2322, refer to table 6A, product codes 2322112 to 2322141.

The value of production and other receipts of the Men's and Boys' Underwear Industry in 1958 totaled \$122 million. This included production of men's and boys' underwear (primary products), valued at \$98 million, production of other products (secondary products), valued at \$13 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$11 million.

This industry's production of men's and boys' underwear (primary products) in 1958 represented 89 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 88 percent. Secondary products made by this industry in 1958 consisted mainly of men's and boys' knit outerwear shirts, \$4 million.

Men's and boys' knit underwear garments made in knitting mills are classified as primary products of Industry 2254, Knit Underwear Mills, while men's and boys' knit underwear cut and sewed from purchased knit fabric is included in Industry 2322. In order to show the total value of men's and boys' knit underwear made by all industries (regardless of the method of production), combined values for the 2254--- and 2322--- products are given in tables 5 and 6A. Using the combined figure of \$261 million of men's and boys' underwear (knit and woven) made by all industries as the base, Industry 2321 production of men's and boys' underwear in 1958 accounted for 38 percent of the total dollar value of these products. In 1954, the coverage ratio was 28 percent.

If, however, only the production of men's and boys' underwear cut and sewed from purchased woven and knit fabric is considered, Industry 2322 production in 1958 represented 87 percent of the total production of men's and boys' underwear cut and sewed from purchased fabrics, valued at \$113 million. Viewed in this way, there is a high degree of comparability between the industry statistics (tables 1-4) and the total value of the 2322--- products shown in table 6A.

#### 2323--Men's, Youths', and Boys' Neckwear

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in Industry 2253. For a detailed list of products of Industry 2323, refer to table 6A, product codes 2323021 to 2323041.

The specialization and coverage ratios for Industry 2323 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

#### 2327--Men's, Youths', and Boys' Separate Trousers

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in Industry 2311, and work pants in Industry 2328. For a detailed list of products of Industry 2327, refer to table 6A, product codes 2327112 to 2327151.

The value of production and other receipts of the Separate Trousers Industry in 1958 totaled \$452 million. This included production of men's and boys' trousers (primary products), valued at \$310 million, production of other products (secondary products), valued at \$37 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$105 million.

This industry's production of men's and boys' separate trousers (primary products) in 1958 as in 1954 represented 89 percent (specialization ratio) of its total production (primary and secondary). Other products made by this industry in 1958 consisted mainly of men's and boys' work clothing (except work shirts), \$10 million, and men's and boys' woven dress and sport shirts, \$6 million.

Industry 2327 production of men's and boys' separate trousers (primary products) in 1958 represented 71 percent (coverage ratio) of these products valued at \$436 million made by all industries. In 1954, the coverage ratio was 75 percent. Other industries making men's and boys' separate trousers (primary products) consisted mainly of Industry 2311, Men's and Boys' Suits and Coats, \$47 million, and Industry 2328, Work Clothing, \$39 million.

#### 2328--Work Clothing

This industry comprises establishments primarily engaged in manufacturing men's and boys' work shirts, pants, and other work clothing and washable service apparel. For a detailed list of products of Industry 2328, refer to table 6A, product codes 2328113 to 2328212.

In the 1957 edition of the Standard Industrial Classification Manual, the definition for Industry 2328 was revised to include men's and boys' work clothing and washable service apparel as well as work shirts. Under the previous classification system, the old S.I.C. Industry 2328 covered only work shirts, while men's and boys' work clothing (except work shirts) and washable service apparel were included in the old S.I.C. Industry 2329. Table 1A compares the composition of Industry 2328 for 1958 under both the old and revised classification systems.

The value of production and other receipts of the Work Clothing Industry in 1958 totaled \$690 million. This included production of men's and boys' work clothing (primary products), valued at \$497 million, production of other products (secondary products), valued at \$96 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$97 million.

This industry's production of men's and boys' work clothing (primary products) in 1958 represented 84 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of men's and boys' separate trousers, \$39 million, and men's and boys' woven dress and sport shirts, \$14 million.

Industry 2328 production of men's and boys' work clothing (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$526 million made by all industries. Industry 2327, Separate Trousers, was another industry making work clothing with \$10 million. Comparable specialization and coverage ratios for 1954 are not available.



2329--Men's, Youths', and Boys' Clothing, N.E.C.

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' clothing, n.e.c. Establishments primarily engaged in manufacturing polo and sport shirts are classified in Industry 2321; separate trousers in Industry 2327; work clothing in Industry 2328; and leather and sheep lined garments in Industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. For a detailed list of products of Industry 2329, refer to table 6A, product codes 2329112 to 2329281.

In the 1957 edition of the Standard Industrial Classification Manual, the definition for Industry 2329 was revised to exclude the output of men's and boys' work clothing and washable service apparel. These products are now included in Industry 2328, Work Clothing. Table 1A compares the composition of Industry 2329 for 1958 under both the old and revised classification systems.

The value of production and other receipts of the Men's and Boys' Clothing, N.E.C. Industry in 1958 totaled \$366 million. This included production of men's and boys' outerwear, n.e.c. (primary products), valued at \$247 million, production of other products (secondary products), valued at \$69 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$50 million.

This industry's production of men's and boys' outerwear, n.e.c. (primary products) in 1958 represented 78 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of men's and boys' knit and woven shirts, \$20 million, separate trousers, \$16 million, and men's tailored dress and sport coats, \$7 million.

Men's and boys' knit sweaters and other knit outerwear, n.e.c. made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while men's and boys' knit outerwear, n.e.c. cut and sewed from purchased knit fabric are included in Industry 2329. In order to show the total value of men's and boys' outerwear, n.e.c. made by all industries (regardless of the method of production), combined values for the 2253--- and 2329--- products are shown in tables 5 and 6A. Using the combined figure of \$436 million of men's and boys' outerwear, n.e.c. (knit and woven) made by all industries as the base, Industry 2329 production of men's and boys' outerwear, n.e.c. in 1958 accounted for 57 percent of the total dollar value of these products. Comparable specialization and coverage ratios for 1954 are not available.

Relationship of Census of Manufactures and Current Industrial Reports Data

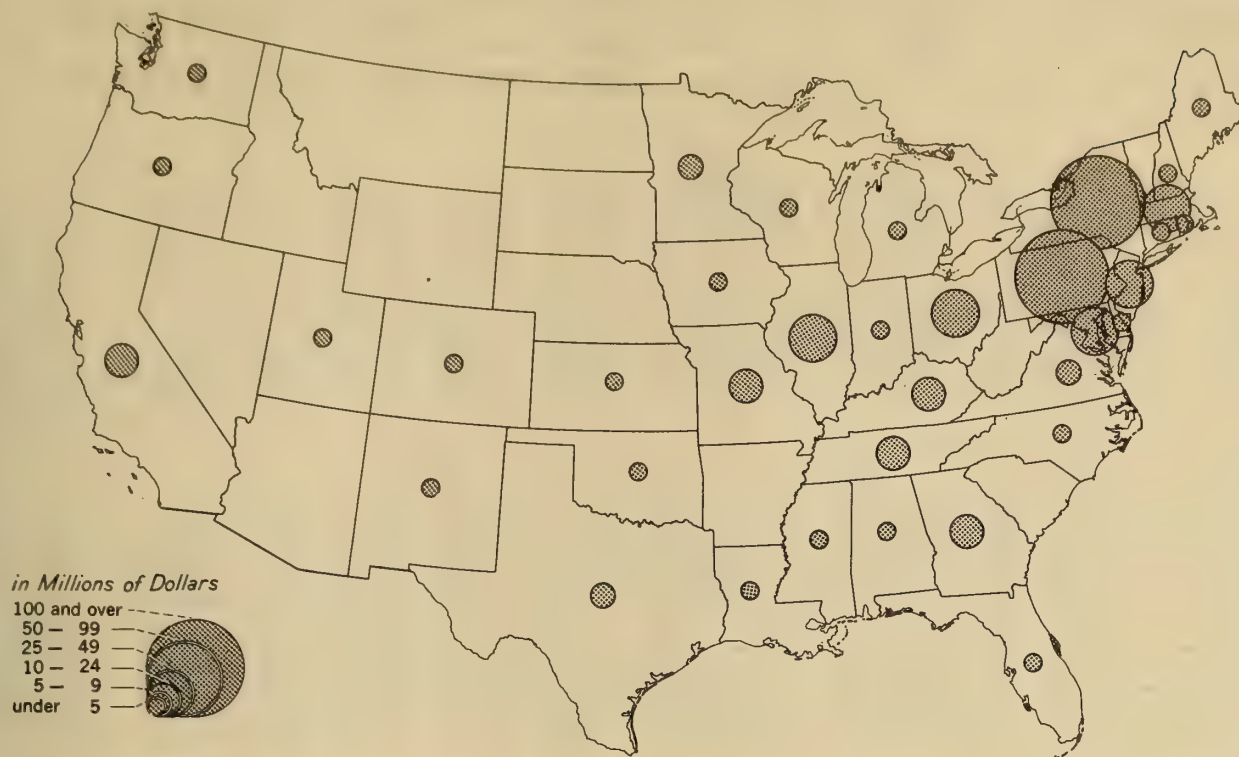
The Census Bureau publishes monthly data on the cuttings of selected items of men's apparel in its Current Industrial Reports Series M23B, and quarterly figures on the output of men's and boys' knit cotton and wool nightwear and underwear in the Current Industrial Reports Series M23C. Detailed annual information on the production of men's and boys' apparel (except neckwear) is published in the Current Industrial Reports Series M23A. For 1958, Annual Apparel Survey MA23A was conducted concurrently with the Census of Manufactures. The Census of Manufactures report form collected only summary figures on the quantity and value of men's and boys' apparel and detailed product data were reported in Survey Form MA23A. These detailed data are included in table 6A.

The general statistics (employment, payrolls, value of production, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing production by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products made by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS: SIC 231

Value Added by Manufacture by State: 1958

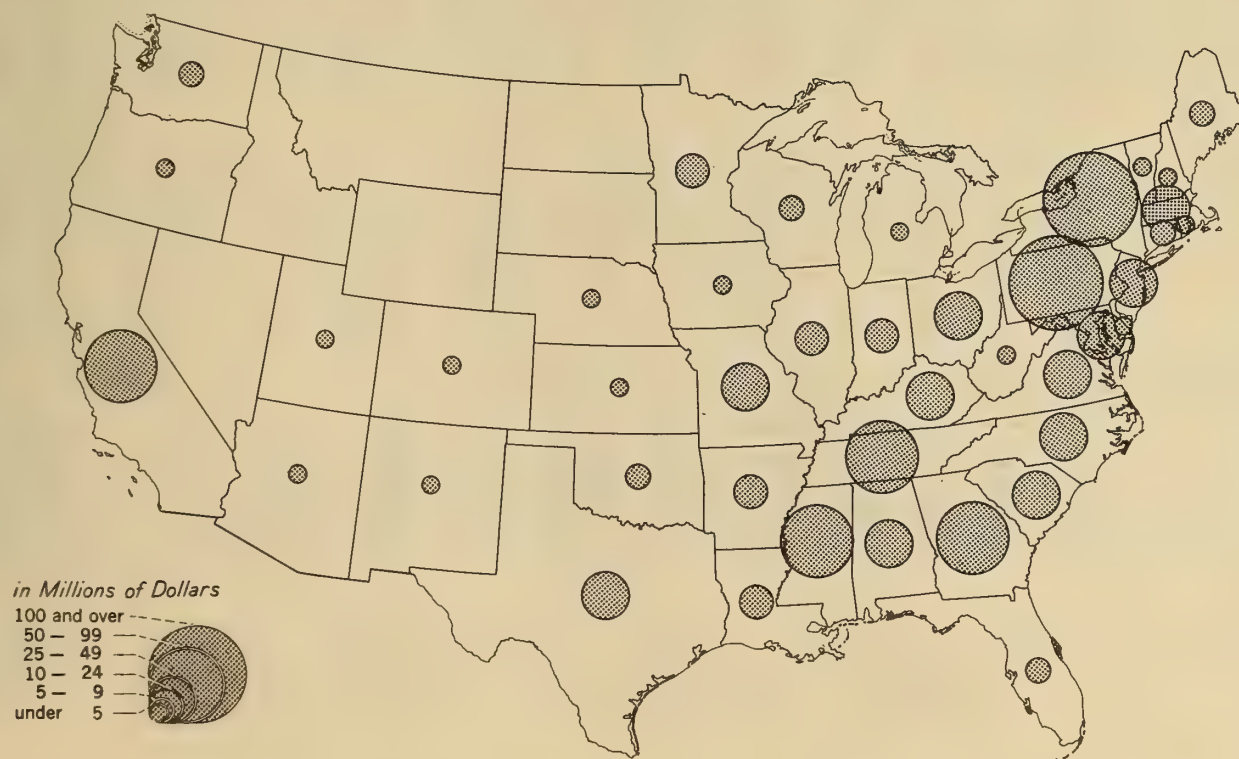


Includes only Industry 2311. See Table 2.

Bureau of the Census. M-58-D231

## MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS: SIC 232

Value Added by Manufacture by State: 1958



Includes Industries 2321, 2322, 2323, 2327, 2328 and 2329. See Table 2.

Bureau of the Census. M-58-D232

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2311 (old SIC 2311)	Men's and boys' suits and coats:														
	1958.....	1,286	1,365	763	122,205	407,986	107,215	184,782	321,525	642,510	651,039	1,295,362	4,906	93	97
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	123,795	416,915	109,127	186,688	335,145	601,428	668,832	1,269,470	(S)	92	98
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	128,521	430,744	113,451	203,513	348,065	637,906	697,547	1,319,854	6,948	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	126,772	406,748	112,003	200,443	326,745	600,148	662,056	1,249,011	4,721	(NA)	(NA)
	1954.....	1,255	1,310	687	119,001	374,795	106,720	187,579	301,062	527,234	630,794	1,172,979	3,466	91	96
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	129,190	407,415	115,695	209,612	329,576	585,164	647,314	1,232,478	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	124,326	370,154	110,518	205,317	297,881	543,665	621,690	1,165,355	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	135,944	399,323	121,682	219,477	323,626	576,894	685,704	1,262,598	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	150,580	418,434	134,472	239,532	340,460	572,534	668,670	1,241,204	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	132,459	359,142	117,420	209,323	286,759	563,570	597,673	1,161,243	(NA)	(NA)	(NA)
	1947.....	1,761	1,814	(NA)	147,099	397,151	133,181	259,677	332,007	660,206	752,576	1,412,782	10,747	92	97
	1939 <sup>9</sup> .....	(NA)	1,848	(NA)	(NA)	(NA)	116,852	(NA)	123,326	236,511	309,400	545,911	(NA)	(NA)	(NA)
2321 (old SIC 2321)	Men's dress shirts and nightwear:														
	1958.....	738	780	760	103,596	254,139	94,609	169,035	210,309	421,876	544,790	967,223	5,687	90	81
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	104,456	255,506	96,159	173,910	214,029	441,804	614,288	1,049,538	(S)	88	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	110,876	261,064	101,675	185,612	219,041	441,887	619,224	1,043,305	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	111,370	248,106	103,150	188,534	207,206	416,825	585,992	988,266	(S)	(NA)	(NA)
	1954.....	838	971	676	108,304	236,726	100,262	181,083	196,683	370,129	544,064	923,577	6,370	91	85
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	108,670	242,891	101,966	186,685	207,704	384,608	425,482	810,090	(S)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	103,574	223,172	96,180	172,999	187,140	325,459	413,143	738,602	(S)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	96,880	204,194	90,372	157,251	171,552	307,692	394,057	701,749	(S)	(NA)	(NA)
	1947.....	922	1,064	676	94,182	163,751	88,052	163,188	137,487	292,426	438,851	731,277	7,786	94	87
	1939.....	(NA)	590	(NA)	75,008	53,666	70,453	(NA)	44,942	83,727	108,640	192,367	(NA)	(NA)	(NA)
	1937.....	(NA)	529	(NA)	71,089	47,362	67,594	(NA)	41,055	80,179	104,049	184,228	(NA)	(NA)	(NA)
	1935.....	(NA)	555	(NA)	64,097	44,336	60,777	(NA)	38,059	65,716	94,053	159,769	(NA)	(NA)	(NA)
	1933 <sup>9</sup> .....	(NA)	596	(NA)	57,528	30,196	55,029	(NA)	26,906	52,713	70,240	122,953	(NA)	(NA)	(NA)
2322 (old SIC 2322)	Men's and boys' underwear:														
	1958.....	79	91	73	12,326	30,285	11,108	19,338	25,111	51,621	70,439	121,646	908	89	38
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,336	26,664	10,677	20,128	23,480	43,527	52,114	93,846	(S)	92	33
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,296	21,554	9,811	17,212	18,924	35,753	51,982	85,716	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,855	19,528	9,344	16,497	17,110	31,110	48,328	78,423	1,017	(NA)	(NA)
	1954.....	72	82	60	9,385	18,923	8,827	15,325	16,289	31,453	55,157	86,282	1,168	88	28
	1947.....	94	103	69	7,269	11,330	6,929	12,326	9,847	20,348	29,405	49,753	396	95	21
	1939.....	(NA)	54	(NA)	6,901	4,313	6,543	(NA)	3,728	6,415	10,278	16,693	(NA)	(NA)	(NA)
	1937.....	(NA)	59	(NA)	9,718	5,617	9,312	(NA)	4,836	7,340	13,855	21,195	(NA)	(NA)	(NA)
	1935 <sup>9</sup> .....	(NA)	65	(NA)	8,019	4,688	7,655	(NA)	4,021	7,314	11,654	18,968	(NA)	(NA)	(NA)
2323 (old SIC 2323)	Men's and boys' neckwear:														
	1958.....	362	362	111	7,734	26,835	6,177	10,786	17,538	48,938	53,169	102,405	584	97	98
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,209	30,286	8,330	13,331	20,626	56,143	54,512	109,812	(S)	98	95
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,172	30,875	8,633	14,135	21,595	57,174	56,219	110,394	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,447	28,057	7,902	13,679	19,073	52,758	52,432	103,599	(S)	(NA)	(NA)
	1954.....	403	403	127	9,483	27,797	8,051	13,789	19,056	49,351	57,327	107,556	(10)	98	92
	1947.....	408	413	134	10,744	25,367	9,246	16,942	18,485	50,708	62,980	113,688	(10)	97	93
	1939.....	(NA)	381	(NA)	11,367	10,955	9,603	(NA)	7,346	19,795	26,598	46,393	(NA)	(NA)	(NA)
	1937 <sup>9</sup> .....	(NA)	320	(NA)	(NA)	(NA)	10,958	(NA)	8,729	20,466	30,306	50,772	(NA)	(NA)	(NA)
2327 (old SIC 2327)	Separate trousers:														
	1958.....	719	748	367	51,632	134,027	47,229	85,290	109,510	209,050	243,407	452,414	3,970	89	71
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	52,408	133,234	48,516	86,630	108,756	206,788	252,590	459,663	(S)	90	69
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	55,988	138,590	52,048	93,263	115,032	219,345	266,840	476,383	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	54,484	127,654	50,592	93,028	106,530	205,407	243,182	447,160	(S)	(NA)	(NA)
	1954.....	768	798	410	51,652	118,688	48,315	86,421	99,562	180,384	219,846	402,055	2,776	89	75
	1947.....	956	973	(NA)	47,279	91,400	44,006	83,265	75,620	159,439	174,600	334,039	(NA)	86	70
	1939 <sup>9</sup> .....	(NA)	659	(NA)	(NA)	(NA)	31,327	(NA)	22,201	39,528	43,240	82,768	(NA)	(NA)	(NA)
2328 (old SIC 2328 and 2329 pt)	Work clothing:														
	1958 <sup>11</sup> .....	376	500	396	64,780	154,834	59,328	104,481	132,570	255,481	434,820	689,819	3,452	84	95

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2329 (old SIC 2329 pt)	Men's and boys' clothing, nec:														
	1958 <sup>11</sup> .....	516	539	324	32,392	93,119	28,606	52,439	73,847	149,951	216,599	365,963	2,359	78	57
	Total for work shirts and men's outerwear, nec, industries: <sup>12</sup>														
	1958.....	(NA)	1,039	720	97,172	247,953	87,934	156,920	206,417	405,422	651,419	1,055,782	5,811	(NA)	(NA)
	1954.....	(NA)	1,169	765	97,751	212,198	89,299	157,871	171,205	337,122	536,556	872,715	(NA)	(NA)	(NA)
	1947.....	(NA)	1,092	709	86,894	148,209	79,867	145,983	119,947	252,407	400,446	652,853	5,462	(NA)	(NA)
	1939 <sup>9</sup> .....	(NA)	866	(NA)	(NA)	(NA)	74,153	(NA)	47,117	91,777	141,380	233,157	(NA)	(NA)	(NA)

NA Not available. <sup>11</sup> Revised.<sup>12</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of production (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2311	536,880	2327	181,309
2321	372,941	2328 }	
2322	29,952	2329 }	338,307
2323	48,237		

<sup>4</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2311	626,316	603,850	2327	236,704	216,376
2321	524,767	521,036	2328	400,761	
2322	67,972	44,371	2329	211,945	492,877
2323	49,378	51,798			

<sup>5</sup> For 1958 and 1954, includes value of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." The figures represent value of production rather than value of shipments for all years except 1949-53. Value of production excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Production (\$1,000)		Industry Code	Value of Production (\$1,000)	
	1958	1954		1958	1954
2311	1,262,634	1,140,731	2327	444,119	397,685
2321	941,986	893,980	2328	651,009	
2322	118,759	74,324	2329	359,895	831,186
2323	96,493	100,036			

<sup>6</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>7</sup> The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products made by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.<sup>8</sup> The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.<sup>9</sup> No comparable figures are available for earlier years.<sup>10</sup> Less than \$500 thousand.<sup>11</sup> A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.<sup>12</sup> Data for Industries 2328 and 2329 are shown on a combined basis so that historical data may be presented.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry			Totals for industries on old SIC			
	Establishments, number		Number of employees	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees		Total	20 or more employees		
New Industry 2328—Work clothing.....	500	396	64,780	255,481	xxx	xxx	xxx
Old Industry 2328—Work shirts.....	50	40	6,282	20,482	50	40	6,282
Old Industry 2329—Men's and boys' clothing, nec.....	450	356	58,498	234,999	989	680	90,890
New Industry 2329—Men's and boys' clothing, nec.....	539	324	32,392	149,951	xxx	xxx	xxx
Old Industry 2329—Men's and boys' clothing, nec.....	539	324	32,392	149,951	989	680	90,890

<sup>1</sup> Revised.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2311	Men's and boys' suits and coats, total.....	1,365	763	122,205	407,986	107,215	184,782	321,525	642,510	1,295,362	4,906	119,001	536,880	147,099
	New England.....	121	69	9,473	29,711	8,150	13,746	23,523	40,791	78,196	450	6,766	28,629	9,453
	Massachusetts....	104	57	8,374	26,747	7,151	12,071	21,174	36,936	73,181	395	6,499	27,753	8,997
	Rhode Island.....	5	4	606	1,498	544	884	1,169	1,942	2,186	43	(3)	(3)	(3)
	Connecticut.....	8	4	215	610	199	377	527	731	937	5	(3)	(3)	(3)
	Middle Atlantic...	844	449	64,475	223,988	56,875	97,331	179,174	356,659	720,773	2,549	63,588	304,145	81,309
	New York.....	537	236	31,587	116,864	26,915	45,924	88,555	191,330	423,569	1,305	33,969	181,358	47,788
	New Jersey.....	105	77	7,096	21,683	6,601	10,918	19,311	30,536	44,808	250	7,287	26,029	10,675
	Pennsylvania....	202	136	25,792	85,441	23,359	40,489	71,308	134,793	252,396	994	22,331	96,757	22,846
	East North Central	119	65	16,755	56,370	14,239	23,719	42,990	88,526	160,136	817	20,212	84,317	26,456
	Ohio.....	35	23	6,254	21,199	5,314	8,743	16,318	35,933	72,126	308	7,731	32,080	10,417
	Indiana.....	3	3	1,123	2,990	1,076	1,694	2,766	4,244	5,379	(2)	1,493	4,302	1,729
	Illinois.....	71	35	8,977	31,055	7,494	12,706	22,952	46,110	78,559	462	10,642	46,676	13,266
	Wisconsin.....	6	4	365	979	325	500	829	1,913	3,365	(D)	301	1,043	855
	West North Central	43	31	4,141	13,422	3,612	6,453	10,037	21,735	41,370	(2)	3,622	17,739	(D)
	Minnesota.....	18	13	1,323	4,829	1,131	2,120	3,459	7,209	14,517	(2)	612	2,693	815
	Missouri.....	19	15	2,622	8,062	2,306	4,051	6,137	13,702	25,511	(2)	2,735	14,336	2,354
	South Atlantic....	107	71	12,810	43,571	10,976	19,953	31,915	69,860	173,211	405	(3)	(3)	(3)
	Maryland.....	80	49	7,080	24,649	5,644	10,128	16,892	44,402	123,199	(2)	8,053	38,859	8,514
	Georgia.....	12	12	3,097	11,095	2,891	5,578	8,171	15,723	35,478	(2)	(3)	(3)	(3)
	Florida.....	7	4	175	578	144	259	427	898	1,583	(2)	(3)	(3)	(3)
	East South Central	25	25	8,569	21,775	7,996	13,962	19,093	36,382	61,477	294	(3)	(3)	(3)
	Tennessee.....	11	11	2,873	7,170	2,714	4,822	6,478	12,887	9,208	(2)	1,835	3,537	1,861
	West South Central	26	19	2,457	6,922	2,181	3,935	5,045	9,931	27,145	(2)	(3)	(3)	(3)
	Louisiana.....	9	6	1,163	3,305	991	1,601	2,205	4,667	10,610	(2)	1,224	4,341	1,706
	Mountain.....	5	3	273	874	245	484	662	1,088	2,252	(2)	(3)	(3)	(3)
	Pacific.....	75	31	3,252	11,353	2,941	5,199	9,086	17,538	30,802	(2)	(3)	(3)	(3)
	California.....	70	28	3,117	10,905	2,823	4,983	8,744	16,949	28,731	(2)	(3)	(3)	(3)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2311-02	Men's and boys' suits and coats—Manufacturers, total.....	494	282	66,019	225,312	57,688	101,064	176,703	377,268	713,851	2,768	67,795	309,702	(NA)
	New England.....	55	35	6,188	19,928	5,265	8,671	15,778	27,586	51,155	325	4,903	22,049	(NA)
	Massachusetts...	50	31	5,887	18,894	5,002	8,262	15,015	26,080	48,689	298	(3)	(3)	(NA)
	Middle Atlantic...	223	101	26,222	95,908	22,818	40,367	75,553	175,476	335,478	1,200	27,890	143,161	(NA)
	New York.....	143	56	14,978	56,217	12,918	22,332	43,252	100,964	189,268	715	17,223	92,115	(NA)
	New Jersey.....	19	7	1,493	4,913	1,349	2,478	4,249	8,361	15,683	(2)	2,189	7,847	(NA)
	Pennsylvania....	61	38	9,751	34,778	8,551	15,557	28,052	66,151	130,527	455	8,476	43,199	(NA)
	East North Central	60	35	13,853	47,450	11,830	20,009	36,567	74,191	132,353	514	16,381	66,124	(NA)
	Ohio.....	23	16	5,752	19,113	4,926	8,120	15,092	32,291	63,264	275	6,805	25,395	(NA)
	Illinois.....	29	15	7,728	27,281	6,583	11,305	20,602	38,713	63,323	223	8,960	38,945	(NA)
	West North Central	34	25	3,271	11,119	2,790	4,973	7,965	17,625	34,028	132	3,282	15,466	(NA)
	Missouri.....	13	10	1,882	6,075	1,604	2,749	4,336	9,995	18,641	(2)	(3)	(3)	(NA)
	South.....	81	63	13,701	40,913	12,447	22,491	32,889	67,490	134,685	526	12,324	48,922	(NA)
	Maryland.....	27	19	2,640	9,751	2,284	4,266	7,530	15,468	34,708	(2)	2,765	13,201	(NA)
	Georgia.....	5	5	1,495	4,920	1,397	2,595	3,822	7,850	16,051	(2)	1,678	7,471	(NA)
	Tennessee.....	7	7	1,977	4,903	1,865	3,341	4,330	10,448	18,924	(2)	(3)	(3)	(NA)
	West.....	41	23	2,784	9,994	2,538	4,553	7,951	14,900	26,152	(2)	3,012	13,977	(NA)
	California.....	34	18	2,441	8,871	2,232	3,960	7,100	13,427	22,901	(2)	2,607	12,228	(NA)
2311-03	Men's and boys' suits and coats—Jobbers, total.....	291	75	7,029	37,525	3,032	5,570	12,010	89,449	385,506	409	7,673	82,261	(NA)
	New England.....	22	1	164	1,072	24	37	132	2,428	14,592	(2)	97	715	(NA)
	Massachusetts...	22	1	164	1,072	24	37	132	2,428	14,592	10	(3)	(3)	(NA)
	Middle Atlantic...	220	55	4,282	24,390	1,831	3,401	8,268	55,271	245,568	320	4,929	54,501	(NA)
	New York.....	178	38	3,141	17,876	1,249	2,249	5,676	39,170	177,757	(2)	3,506	38,975	(NA)
	New Jersey.....	4	1	127	600	68	130	272	837	4,970	(2)	(3)	(3)	(NA)
	Pennsylvania....	38	16	1,014	5,914	514	1,022	2,320	15,264	62,841	(2)	(3)	(3)	(NA)
	North Central.....	16	7	779	3,359	419	734	1,377	8,688	23,778	21	861	8,975	(NA)
	Illinois.....	11	4	284	1,235	29	62	128	4,190	11,257	(2)	(3)	(3)	(NA)
	South.....	27	11	1,741	8,408	732	1,352	2,168	21,910	97,810	(2)	(3)	(3)	(NA)
	Maryland.....	23	8	1,511	6,581	592	1,068	1,733	18,770	77,807	(2)	1,614	15,213	(NA)
	Pacific.....	6	1	63	296	26	46	65	1,152	3,758	(2)	91	1,033	(NA)
2311-04	Men's and boys' suits and coats—Contractors, total.....	580	406	49,157	145,149	46,495	78,148	132,812	175,793	196,005	1,729	40,723	130,590	(NA)
	New England.....	44	33	3,121	8,711	2,861	5,038	7,613	10,777	12,449	(2)	1,765	5,864	(NA)
	Massachusetts...	32	25	2,323	6,781	2,125	3,772	6,027	8,428	9,900	(2)	1,562	5,315	(NA)
	Middle Atlantic...	401	293	33,971	103,690	32,226	53,563	95,353	125,912	139,727	1,029	28,555	95,536	(NA)
	New York.....	216	142	13,468	42,771	12,748	21,343	39,627	51,196	56,544	461	11,631	40,828	(NA)
	New Jersey.....	82	69	5,476	16,170	5,184	8,310	14,790	21,338	24,155	(2)	4,862	16,626	(NA)
	Pennsylvania....	103	82	15,027	44,749	14,294	23,910	40,936	53,378	59,028	353	12,061	38,081	(NA)
	North Central.....	52	29	2,993	7,864	2,812	4,456	7,118	9,757	11,347	297	10,401	29,188	(NA)
	Illinois.....	31	16	965	2,539	882	1,339	2,222	3,207	3,976	(2)	1,177	3,578	(NA)
	South.....	50	41	8,394	22,947	7,974	14,007	20,996	26,773	29,338	268	(3)	(3)	(NA)
	Maryland.....	30	22	2,929	8,317	2,768	4,794	7,629	10,164	10,684	(2)	(3)	(3)	(NA)
	Tennessee.....	4	4	896	2,267	849	1,481	2,148	2,439	3,050	(2)	(3)	(3)	(NA)
	West.....	33	10	678	1,937	622	1,084	1,732	2,574	3,144	(2)	(3)	(3)	(NA)
2321	Men's dress shirts and nightwear, total.....	r880	r606	r103,596	r254,139	r94,609	r169,035	r210,309	r421,876	r967,223	r5,687	108,304	372,941	94,182
	New England.....	37	29	4,109	10,853	3,773	6,604	9,034	18,309	46,414	(2)	5,472	17,473	6,525
	Massachusetts...	14	11	2,112	5,207	2,205	3,449	4,890	8,362	22,059	(2)	2,795	8,647	3,238
	Connecticut.....	19	14	1,135	2,919	1,021	1,929	2,351	4,830	10,243	45	1,395	3,777	2,342
	Middle Atlantic...	412	229	31,866	89,923	28,101	50,259	69,014	161,520	449,449	1,525	39,121	155,249	43,403
	New York.....	263	102	11,042	35,711	8,664	14,820	21,522	68,230	259,117	777	12,421	61,226	11,164
	New Jersey.....	32	26	3,081	8,705	2,823	5,362	7,256	23,641	57,155	(2)	4,083	19,140	4,978
	Pennsylvania....	117	101	17,743	45,507	16,614	30,077	40,236	69,649	133,177	662	22,616	74,882	27,261
	East North Central	28	17	2,976	7,854	2,583	4,441	5,497	13,898	31,385	(2)	3,846	15,676	4,788
	Ohio.....	9	6	1,333	4,310	1,106	2,034	2,599	8,616	21,896	(2)	1,747	9,045	1,935
	Indiana.....	5	5	1,046	2,380	928	1,679	1,934	3,488	5,636	(2)	(3)	(3)	(3)
	Illinois.....	8	4	462	876	425	561	726	1,459	3,193	(D)	627	1,861	494
	West North Central	27	23	2,943	6,166	2,670	4,061	5,271	11,226	20,444	(2)	3,446	11,406	4,543
	Missouri.....	14	13	1,971	3,858	1,821	2,762	3,382	7,038	13,159	(2)	2,619	7,923	3,755

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of production	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employ-ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2321	Men's dress shirts and nightwear—Continued													
	South Atlantic....	158	138	26,624	61,198	24,821	44,528	53,569	99,083	184,653	1,701	27,213	87,127	19,215
	Maryland.....	22	19	2,738	6,778	2,422	4,470	5,350	13,919	25,400	( <sup>2</sup> )	3,743	15,149	4,861
	Virginia.....	17	15	2,672	6,177	2,478	4,529	5,438	8,510	14,459	( <sup>2</sup> )	3,387	8,633	1,322
	North Carolina..	32	30	4,964	10,569	4,703	8,103	9,508	15,371	29,952	303	3,763	10,126	2,475
	South Carolina..	31	27	6,556	15,025	6,116	11,171	13,033	23,211	38,924	425	6,923	18,765	4,786
	Georgia.....	36	35	8,246	19,538	7,731	13,896	17,441	34,050	68,799	668	7,846	29,807	4,448
	Florida.....	15	7	845	1,796	780	1,340	1,625	2,426	5,157	( <sup>2</sup> )	728	1,555	248
	East South Central	r99	r96	r27,799	r59,118	r26,237	r47,741	r52,890	r83,261	r164,326	r1,692	21,311	56,848	10,015
	Kentucky.....	6	6	1,676	4,741	1,521	2,877	3,444	5,412	10,780	( <sup>2</sup> )	1,673	5,601	1,063
	Tennessee.....	44	42	13,984	28,729	13,319	24,949	26,134	39,572	76,730	602	8,445	19,287	2,165
	Alabama.....	27	26	6,470	14,059	5,950	10,659	12,592	20,467	42,668	430	6,107	18,533	3,090
	Mississippi.....	r22	r22	r5,669	r11,589	r5,447	r9,256	r10,720	r17,810	r34,148	r617	5,085	13,425	3,697
	West South Central	15	51	2,736	5,591	2,569	4,397	4,889	9,418	17,777	( <sup>2</sup> )	2,023	5,604	1,823
	Arkansas.....	6	6	2,078	3,923	2,006	3,364	3,678	6,997	13,198	( <sup>2</sup> )	1,081	2,707	(D)
	Mountain.....	11	6	835	2,460	637	1,099	1,410	4,482	9,468	( <sup>2</sup> )	403	1,108	3,870
	Pacific.....	93	53	3,708	10,976	3,218	5,905	8,735	20,679	43,307	( <sup>2</sup> )	5,467	22,447	
2321-02	Men's dress shirts and nightwear—Manufacturers, total.....	r324	r226	r47,863	r121,901	r43,517	r76,820	r101,307	r228,557	r515,602	r2,276	50,752	196,318	(NA)
	New England.....	10	6	834	2,205	784	1,343	2,015	4,085	7,870	( <sup>2</sup> )	1,229	6,161	(NA)
	Middle Atlantic... New York.....	130	77	15,553	43,920	13,861	24,309	35,520	85,478	195,281	524	18,613	68,325	(NA)
	East North Central	70	31	5,473	16,121	4,606	7,706	11,661	26,346	54,592	( <sup>2</sup> )	5,775	23,205	(NA)
	West North Central	21	12	1,752	4,615	1,521	2,541	3,230	7,006	18,370	( <sup>2</sup> )	2,430	8,330	(NA)
	South Atlantic....	11	10	1,798	3,634	1,676	2,441	3,196	7,753	14,032	( <sup>2</sup> )	2,709	9,660	(NA)
	Maryland.....	56	45	10,703	26,339	9,908	17,517	22,624	54,876	112,402	765	11,179	50,078	(NA)
	Virginia.....	6	6	1,378	3,761	1,232	2,312	2,958	9,324	16,800	( <sup>2</sup> )	1,935	10,536	(NA)
	North Carolina..	7	6	1,141	2,771	1,023	1,890	2,331	4,756	10,636	36	1,410	3,595	(NA)
	South Carolina..	8	7	1,588	3,675	1,530	2,773	3,307	7,418	17,105	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Georgia.....	9	8	2,234	5,479	2,011	3,470	4,282	11,487	25,028	( <sup>2</sup> )	2,231	8,520	(NA)
	East South Central	14	13	3,604	8,998	3,777	5,769	8,219	19,732	37,714	298	3,619	19,392	(NA)
	Tennessee.....	r32	r32	r12,526	r27,994	r11,692	r21,270	r24,533	r43,911	r112,760	r598	8,806	31,777	(NA)
	Alabama.....	15	15	6,176	13,190	5,879	11,238	12,043	20,330	54,254	264	3,496	10,246	(NA)
	West South Central	8	8	3,249	7,532	2,906	5,316	6,644	12,679	34,018	284	3,079	12,467	(NA)
	West.....	9	9	1,708	3,758	1,577	2,857	3,258	7,283	15,342	( <sup>2</sup> )	1,613	4,892	(NA)
	West.....	55	35	2,989	9,436	2,498	4,542	6,931	18,165	39,545	( <sup>2</sup> )	4,173	17,092	(NA)
2321-03	Men's dress shirts and nightwear—Jobbers, total.....	172	39	4,032	17,907	1,962	3,623	4,766	56,591	299,876	1,012	6,434	52,969	(NA)
	New England.....	7	4	844	2,684	670	1,083	1,537	6,466	30,373	( <sup>2</sup> )	1,117	2,678	(NA)
	Middle Atlantic... New York.....	131	27	1,864	10,728	531	1,027	1,451	34,552	208,562	439	3,346	38,508	(NA)
	North Central....	124	22	1,510	9,530	281	514	848	29,928	191,429	417	2,279	24,344	(NA)
	South.....	7	4	579	1,751	398	778	793	5,818	14,639	( <sup>2</sup> )	633	3,029	(NA)
	West.....	10	3	557	1,944	279	574	696	6,947	37,714	404	1,019	6,105	(NA)
	West.....	17	1	188	800	84	161	289	2,808	8,588	( <sup>2</sup> )	319	2,647	(NA)
2321-04	Men's dress shirts and nightwear—Contractors, total....	384	341	51,701	114,331	49,130	88,592	104,236	136,728	151,745	2,399	49,287	111,279	(NA)
	New England.....	20	19	2,431	5,964	2,319	4,178	5,482	7,758	8,171	( <sup>2</sup> )	3,130	8,633	(NA)
	Connecticut.....	11	10	841	1,988	774	1,474	1,687	2,921	3,073	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Middle Atlantic... New York.....	151	125	14,449	35,275	13,709	24,923	32,043	41,490	45,606	562	16,237	41,378	(NA)
	New Jersey.....	69	49	4,059	10,060	3,777	6,600	9,013	11,956	13,096	( <sup>2</sup> )	3,999	10,712	(NA)
	Pennsylvania....	22	19	1,896	4,722	1,797	3,370	4,322	5,506	5,932	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	North Central....	60	57	8,494	20,493	8,135	14,953	18,708	24,028	26,578	324	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	South.....	16	15	1,790	4,020	1,658	2,742	3,549	4,547	4,788	( <sup>2</sup> )	1,261	2,854	(NA)
	Virginia.....	165	160	31,665	65,872	30,171	54,448	60,237	78,745	88,538	1,657	27,335	54,776	(NA)
	North Carolina..	10	9	1,531	3,406	1,455	2,639	3,107	3,754	3,823	61	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	South Carolina..	23	23	3,361	6,759	3,173	5,330	6,201	7,934	9,467	( <sup>2</sup> )	2,260	4,349	(NA)
	Georgia.....	20	19	4,308	9,502	4,095	7,686	8,716	11,402	12,677	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Alabama.....	21	21	4,520	9,933	4,354	8,127	9,222	11,406	12,453	351	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Mississippi.....	19	18	3,221	6,527	3,044	5,343	5,948	7,788	8,650	( <sup>2</sup> )	3,027	6,065	(NA)
	West.....	14	14	3,368	7,096	3,215	5,810	6,547	8,746	10,143	( <sup>2</sup> )	3,513	7,324	(NA)
	West.....	32	23	1,366	3,200	1,273	2,301	2,925	4,188	4,642	( <sup>2</sup> )	1,323	3,635	(NA)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2322	Men's and boys' underwear, total...	91	73	12,326	30,285	11,108	19,338	25,111	51,621	121,646	908	9,385	29,952	7,269
	Northeast.....	42	28	2,557	6,642	2,068	3,601	4,721	7,960	23,612	(2)	1,590	4,385	2,109
	New York.....	16	9	515	1,525	408	768	985	2,904	6,303	(2)	(3)	(3)	(3)
	Pennsylvania....	19	14	1,319	3,137	1,182	2,016	2,573	3,866	11,210	(2)	704	1,919	1,254
	East North Central	7	5	631	1,571	583	1,085	1,329	2,383	6,731	(2)	583	1,651	5,160
	Illinois.....	3	2	331	799	316	580	702	1,472	5,365	(D)	(3)	(3)	
	West North Central	5	4	386	915	362	634	822	2,610	5,111	(2)	453	2,966	
	South and West....	37	36	8,752	21,157	8,095	14,018	18,239	38,668	86,192	748	6,758	20,949	
	Virginia.....	4	4	966	2,265	953	1,623	2,135	3,578	5,069	33	(3)	(3)	
	North Carolina...	6	6	1,230	2,403	1,209	2,087	2,321	4,214	9,723	48	1,056	2,338	
	South Carolina...	5	5	1,064	2,390	1,002	1,961	2,156	2,665	10,877	35	866	1,978	
2322-02	Men's and boys' underwear—Manufacturers, total...	56	46	9,407	23,308	8,406	14,556	19,170	43,225	103,777	757	6,456	23,329	(NA)
	Middle Atlantic...	22	15	1,689	4,519	1,315	2,324	3,098	5,019	15,068	(2)	(3)	(3)	(NA)
	New York.....	7	4	301	949	251	496	662	1,870	3,917	(2)	(3)	(3)	(NA)
	North Central.....	8	6	706	1,708	671	1,213	1,547	4,047	10,252	(2)	(3)	(3)	(NA)
	South and West....	26	25	7,012	17,081	6,420	11,019	14,525	34,159	78,457	671	(3)	(3)	(NA)
2322-03	Men's and boys' underwear—Jobbers, total.....	5	3	674	1,880	586	1,098	1,378	2,147	10,326	36	415	1,814	(NA)
2322-04	Men's and boys' underwear—Contractors, total.....	30	24	2,245	5,097	2,116	3,684	4,563	6,249	7,543	(2)	2,513	4,808	(NA)
	Pennsylvania....	6	5	292	683	272	456	606	777	1,059	(2)	511	1,048	(NA)
	All other States	24	19	1,953	4,414	1,844	3,228	3,957	5,472	6,484	(2)	1,999	3,759	(NA)
2323	Men's and boys' neckwear, total....	362	111	7,734	26,835	6,177	10,786	17,538	48,938	102,405	584	9,483	48,237	10,744
	New England.....	23	11	516	1,654	369	704	963	2,925	5,725	(2)	797	3,643	1,031
	Massachusetts...	17	7	338	1,109	254	437	652	1,949	4,342	(2)	421	1,947	540
	Middle Atlantic...	245	73	4,853	17,495	3,969	6,861	11,875	31,200	67,006	319	5,624	30,165	6,546
	New York.....	202	56	3,706	14,552	2,986	5,182	9,474	26,543	59,030	(2)	4,443	25,288	5,403
	New Jersey.....	20	9	490	1,217	441	719	994	1,967	2,825	(D)	454	1,533	413
	Pennsylvania....	23	8	657	1,726	542	960	1,407	2,690	5,151	(2)	726	3,343	730
	East North Central	23	7	579	2,010	451	800	1,230	3,583	7,886	(2)	881	3,505	997
	Illinois.....	13	3	200	733	170	322	493	1,242	2,610	(2)	(3)	(3)	(3)
	West North Central	9	6	303	1,095	221	375	528	1,387	4,292	(2)	399	1,630	434
	South and West....	62	14	1,483	4,581	1,167	2,046	2,942	9,843	17,496	(2)	1,839	9,291	1,736
	Maryland.....	9	6	246	634	190	360	440	1,298	2,771	(2)	245	1,038	332
2323-02	Men's and boys' neckwear—Manufacturers, total.....	262	88	6,061	21,933	4,836	8,490	14,263	40,555	85,848	504	7,913	42,051	(NA)
	New England.....	18	8	370	1,212	271	466	723	2,382	5,082	(2)	613	3,097	(NA)
	Middle Atlantic...	165	55	3,594	13,811	2,956	5,178	9,398	24,568	53,074	253	4,493	25,309	(NA)
	New York.....	141	47	3,084	12,274	2,531	4,375	8,170	22,022	47,874	(2)	3,844	22,013	(NA)
	New Jersey.....	6	2	183	415	150	206	298	767	1,309	(2)	164	525	(NA)
	Pennsylvania....	18	6	327	1,122	275	597	930	1,779	3,891	(2)	484	2,770	(NA)
	North Central.....	29	12	844	2,911	639	1,140	1,688	4,679	11,447	(2)	1,175	4,840	(NA)
	Illinois.....	13	3	200	733	170	322	493	1,242	2,610	(2)	(3)	(3)	(NA)
	South and West....	50	13	1,253	3,999	970	1,806	2,454	8,926	16,245	(2)	1,631	8,804	(NA)
2323-03	Men's and boys' neckwear—Jobbers, total.....	34	4	298	1,456	130	188	359	3,589	10,787	(2)	197	1,995	(NA)
	Northeast.....	29	3	220	1,161	80	126	250	2,966	9,446	(2)	(3)	(3)	(NA)
	New York.....	26	3	213	1,109	80	126	250	2,729	8,842	(2)	(3)	(3)	(NA)
	North Central, South and West...	5	1	78	295	50	62	109	623	1,341	(2)	(3)	(3)	(NA)
2323-04	Men's and boys' neckwear—Contractors, total.....	66	19	1,375	3,446	1,211	2,108	2,916	4,794	5,770	(2)	1,372	4,190	(NA)
	Northeast.....	56	18	1,185	2,965	1,031	1,795	2,467	4,209	5,129	(2)	1,156	3,674	(NA)
	New York.....	35	6	409	1,169	375	681	1,054	1,792	2,314	(2)	(3)	(3)	(NA)
	North Central, South and West...	10	1	190	481	180	313	449	585	641	(2)	215	516	(NA)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of production (\$1,000)	Capital ex- pendit- ures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- es	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2327	Separate trousers, total.....	748	367	51,632	134,027	47,229	85,290	109,510	209,050	452,414	3,970	51,632	181,309	47,279
	New England.....	40	19	1,379	3,905	1,229	2,152	3,019	6,617	15,695	(2)	1,712	5,886	2,054
	Massachusetts....	31	13	902	2,674	791	1,387	1,982	4,975	13,401	(2)	1,097	4,176	1,134
	Middle Atlantic...	372	135	12,773	37,151	11,444	19,768	29,566	62,297	147,426	1,500	15,727	62,000	20,488
	New York.....	260	71	4,588	14,734	3,769	6,639	10,165	29,753	97,821	1,096	5,037	25,886	7,299
	New Jersey.....	14	8	562	1,267	536	793	1,130	1,519	1,852	(2)	1,060	3,214	2,138
	Pennsylvania....	98	56	7,623	21,150	7,139	12,336	18,271	31,024	47,753	388	9,629	32,899	11,051
	East North Central	69	34	4,429	12,463	3,851	6,535	9,344	19,365	44,145	(2)	4,864	19,842	5,696
	Ohio.....	14	10	1,950	5,436	1,682	2,931	4,101	7,595	17,533	(2)	2,052	7,623	2,116
	Indiana.....	13	11	1,168	3,510	1,001	1,607	2,397	5,923	13,562	(2)	1,069	6,174	1,170
	Illinois.....	35	10	1,084	2,858	962	1,669	2,318	5,115	11,441	(2)	1,251	4,460	1,894
	West North Central	34	22	3,335	8,596	3,067	5,718	6,863	12,912	29,298	(2)	3,391	10,752	3,144
	Missouri.....	28	19	3,012	7,877	2,758	5,209	6,246	11,795	27,592	(2)	3,239	10,076	2,226
	South Atlantic....	90	62	10,339	24,684	9,657	17,379	20,776	42,487	86,830	939	9,506	26,968	6,226
	Maryland.....	37	15	1,124	3,188	980	1,787	2,417	6,180	13,471	(2)	1,691	6,763	1,640
	Virginia.....	8	8	2,330	4,671	2,291	3,627	4,368	6,433	12,389	(2)	1,698	3,981	1,356
	Georgia.....	29	28	5,227	13,489	4,860	9,057	11,097	21,560	42,847	672	5,381	14,378	2,801
	East South Central	49	47	11,615	26,814	10,867	20,605	23,430	35,444	65,868	707	10,116	31,310	5,070
	Kentucky.....	5	5	1,006	2,044	970	1,645	1,850	3,169	5,740	(2)	760	1,803	911
	Tennessee.....	8	8	1,701	3,813	1,514	2,990	3,235	5,295	13,474	(2)	2,685	6,759	1,547
	Alabama.....	17	16	3,495	7,694	3,286	5,853	6,464	10,204	16,024	(2)	2,646	10,276	631
	Mississippi.....	19	18	5,413	13,263	5,097	10,117	11,881	16,776	30,630	372	4,024	12,470	1,981
	West South Central	38	29	5,708	13,449	5,409	10,102	11,474	19,393	36,242	373	3,683	12,734	2,424
	Texas.....	23	19	4,397	10,655	4,173	7,867	8,986	15,212	28,226	300	2,198	8,539	1,750
	West.....	56	19	2,054	6,965	1,705	3,031	5,038	10,536	26,910	(2)	2,651	11,813	2,177
	California.....	49	13	1,390	4,684	1,203	2,126	3,406	7,192	17,352	(2)	1,912	8,631	1,817
2327-02	Separate trousers--Manufacturers, total.....	258	128	23,698	62,696	21,478	38,855	49,750	102,364	232,575	(NA)	21,938	81,435	(NA)
	New England.....	16	8	619	1,881	559	1,033	1,418	3,270	7,848	(NA)	690	2,808	(NA)
	Middle Atlantic...	106	25	2,710	8,267	2,395	4,242	6,395	16,567	33,132	(NA)	3,812	14,812	(NA)
	Pennsylvania....	26	12	1,726	5,315	1,554	2,792	4,088	9,294	17,817	(NA)	2,744	9,358	(NA)
	East North Central	28	20	3,399	9,429	2,982	5,074	7,149	14,786	35,266	(NA)	3,331	14,173	(NA)
	Ohio.....	9	8	1,745	4,865	1,488	2,640	3,568	6,798	16,597	(NA)	1,716	6,703	(NA)
	Indiana.....	9	8	960	2,722	844	1,311	1,987	4,373	9,840	(NA)	(3)	(3)	(NA)
	West North Central	11	9	1,571	4,171	1,464	2,835	3,502	6,644	12,906	(NA)	1,146	4,389	(NA)
	Missouri.....	7	7	1,389	3,747	1,289	2,525	3,105	5,912	11,689	(NA)	(3)	(3)	(NA)
	South Atlantic....	34	20	5,529	13,541	5,148	8,752	11,007	24,994	57,327	(NA)	5,452	17,076	(NA)
	Maryland.....	12	4	387	1,306	335	667	945	2,854	6,358	(NA)	627	3,273	(NA)
	Virginia.....	3	3	1,308	2,495	1,282	1,759	2,284	3,984	9,688	(NA)	(3)	(3)	(NA)
	Georgia.....	10	9	2,877	7,810	2,644	4,717	6,121	14,683	33,656	(NA)	3,415	10,276	(NA)
	East South Central	19	18	5,120	12,591	4,625	8,869	10,444	16,644	40,233	(NA)	4,426	15,460	(NA)
	Alabama.....	7	6	1,293	3,365	1,169	2,129	2,485	4,528	8,855	(NA)	1,112	5,273	(NA)
	West South Central	21	15	3,141	7,318	2,920	5,600	5,840	11,685	26,513	(NA)	1,020	3,145	(NA)
	Texas.....	12	10	2,682	6,314	2,493	4,857	4,956	9,769	22,523	(NA)	393	1,651	(NA)
	West.....	23	13	1,609	5,498	1,365	2,450	3,995	7,774	19,350	(NA)	2,061	9,569	(NA)
	California.....	18	9	1,050	3,627	919	1,641	2,596	5,323	13,168	(NA)	1,385	6,785	(NA)
2327-03	Separate trousers--Jobbers, total.....	148	21	2,146	9,507	1,160	2,209	3,450	28,213	126,461	(NA)	2,826	22,978	(NA)
	New England.....	8	1	122	417	77	127	189	1,126	5,174	(NA)	194	955	(NA)
	Middle Atlantic...	101	7	1,008	5,269	482	926	1,728	15,499	79,064	(NA)	1,250	12,597	(NA)
	New York.....	90	6	735	4,448	254	518	1,175	13,073	72,582	(NA)	803	9,479	(NA)
	Pennsylvania....	11	1	273	821	228	408	553	2,426	6,482	(NA)	437	3,012	(NA)
	North Central.....	17	4	417	1,824	205	386	518	4,103	16,793	(NA)	284	3,217	(NA)
	South and West....	22	9	599	1,997	396	770	1,015	7,485	25,430	(NA)	1,097	6,207	(NA)
	Maryland.....	9	3	142	571	81	170	246	1,661	5,379	(NA)	(3)	(3)	(NA)
2327-04	Separate trousers--Contractors, total.....	342	218	25,788	61,824	24,591	44,226	56,310	78,473	93,378	(NA)	26,050	72,327	(NA)
	New England.....	16	10	638	1,607	593	992	1,412	2,221	2,673	(NA)	828	2,123	(NA)
	Middle Atlantic...	165	103	9,055	23,615	8,567	14,600	21,443	30,230	35,230	(NA)	10,347	33,568	(NA)
	Pennsylvania....	61	43	5,624	15,014	5,357	9,136	13,630	19,304	23,454	(NA)	6,135	19,791	(NA)
	North Central.....	47	23	2,377	5,635	2,267	3,958	5,038	6,744	8,478	(NA)	3,493	8,813	(NA)
	Illinois.....	24	7	421	996	383	650	908	1,258	1,471	(NA)	(3)	(3)	(NA)
	South and West....	114	82	13,718	30,967	13,164	24,676	28,417	39,278	46,997	(NA)	11,380	27,820	(NA)
	Maryland.....	16	8	595	1,311	564	950	1,226	1,665	1,734	(NA)	(3)	(3)	(NA)
	Virginia.....	5	5	1,022	2,176	1,009	1,868	2,084	2,449	2,701	(NA)	(3)	(3)	(NA)
	Alabama.....	10	10	2,202	4,329	2,117	3,724	3,979	5,676	7,169	(NA)	(3)	(3)	(NA)
	Mississippi.....	14	14	3,509	8,454	3,371	6,879	7,768	11,209	14,337	(NA)	2,779	7,400	(NA)
	Texas.....	11	9	1,715	4,341	1,680	3,010	4,030	5,443	5,703	(NA)	1,794	4,740	(NA)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2328	Work clothing, total.....	500	396	64,780	154,834	59,328	104,481	132,570	255,481	689,819	3,452			
	Northeast.....	104	56	5,045	13,475	4,377	8,160	10,704	24,531	63,364	(2)			
	New York.....	44	18	1,267	3,882	1,032	1,854	2,856	6,741	22,321	(2)			
	East North Central	55	46	5,775	15,868	5,062	9,110	12,780	25,584	76,288	397			
	Indiana.....	17	17	2,834	7,293	2,597	4,622	6,450	11,896	32,408	(2)			
	Illinois.....	17	15	1,137	3,403	1,019	1,866	2,439	5,301	18,499	(2)			
	West North Central	46	41	6,345	15,852	5,787	10,072	13,160	23,766	61,772	319			
	Iowa.....	12	11	910	2,142	844	1,554	1,870	3,021	9,354	(2)			
	Missouri.....	27	23	4,493	11,149	4,114	7,032	9,144	16,091	38,785	(2)			
	South Atlantic....	100	88	13,382	29,965	12,136	21,337	25,768	47,882	128,555	614			
	Maryland.....	20	15	1,028	2,355	968	1,696	1,950	3,753	7,384	(2)			
	Virginia.....	11	10	2,916	6,063	2,778	4,608	5,492	12,711	40,278	(2)			
	North Carolina..	22	18	3,492	7,860	3,136	5,179	6,762	11,393	30,920	(2)			
	Georgia.....	38	37	5,177	12,303	4,567	8,687	10,393	18,037	44,485	(2)	(4)	(4)	(4)
	East South Central	89	84	20,379	46,044	19,120	33,027	40,630	74,580	208,355	712			
	Kentucky.....	16	14	3,153	7,622	3,062	5,371	7,096	11,471	27,426	(2)			
	Tennessee.....	41	39	9,451	21,310	8,634	14,900	17,947	38,458	114,896	258			
	Alabama.....	10	10	2,170	5,115	2,059	3,591	4,699	9,318	27,790	(2)			
	Mississippi.....	22	21	5,605	11,997	5,365	9,165	10,888	15,333	38,243	(2)			
	West South Central	61	58	11,017	25,069	10,333	18,196	22,545	41,643	94,031	962			
	Arkansas.....	7	7	1,916	4,343	1,851	3,163	4,115	5,128	8,262	(2)			
	Louisiana.....	8	8	1,562	3,399	1,457	2,396	3,028	5,281	13,449	265			
	Oklahoma.....	5	4	582	1,409	565	1,191	1,328	2,169	7,310	(2)			
	Texas.....	41	39	6,957	15,918	6,460	11,446	14,074	29,065	65,010	472			
	West.....	45	23	2,837	8,561	2,513	4,579	6,983	17,495	57,454	(2)			
	California.....	37	18	2,167	6,705	1,905	3,522	5,434	14,774	49,608	(2)			
2328-02	Work clothing—Manufacturers, total.....	315	255	45,543	109,423	41,663	73,610	94,704	189,193	512,519	2,659			
	New England.....	15	9	677	1,873	598	1,158	1,396	2,900	8,141	(2)			
	Middle Atlantic...	51	33	3,234	8,409	2,770	5,098	6,874	16,708	35,541	(2)			
	New York.....	25	13	976	2,750	813	1,462	2,215	4,560	9,323	(2)			
	East North Central	42	35	4,895	13,309	4,265	7,605	10,918	21,617	62,572	361			
	Illinois.....	10	8	599	1,903	521	944	1,309	3,352	14,095	(2)			
	West North Central	25	23	3,428	8,038	3,174	5,304	6,955	14,451	39,269	(2)			
	Iowa.....	7	6	685	1,656	623	1,150	1,401	2,519	8,770	(2)			
	Missouri.....	15	14	2,405	5,244	2,275	3,669	4,656	9,993	23,586	(2)			
	South Atlantic....	64	58	10,175	23,164	9,109	16,136	19,728	38,233	111,227	474			
	Maryland.....	8	5	351	910	318	579	706	1,173	2,790	(2)			
	Virginia.....	7	6	2,086	4,410	1,967	3,312	3,908	10,869	38,384	(2)	(4)	(4)	(4)
	North Carolina..	14	13	2,788	6,386	2,490	3,995	5,442	9,421	27,341	(2)			
	Georgia.....	28	27	4,244	10,168	3,708	7,168	8,592	14,897	37,351	(2)			
	East South Central	49	46	12,888	29,407	12,263	21,393	26,562	50,766	143,574	495			
	Kentucky.....	8	7	1,758	4,656	1,708	3,043	4,287	7,969	23,020	(2)			
	Tennessee.....	27	25	6,714	14,903	6,413	11,378	13,454	26,717	63,918	(2)			
	West South Central	37	34	7,759	18,354	7,173	12,823	16,215	32,189	80,754	863			
	Oklahoma.....	5	4	582	1,409	565	1,191	1,328	2,169	7,310	(2)			
	Texas.....	26	24	5,369	12,478	4,939	8,808	10,881	23,189	55,410	428			
	West.....	32	17	2,487	6,869	2,311	4,093	6,056	12,329	31,441	(2)			
	California.....	24	12	1,817	5,013	1,703	3,036	4,507	9,608	23,595	(2)			
2328-03	Work clothing—Jobbers, total.....	37	16	2,464	9,640	1,479	2,894	4,630	23,781	129,660	(2)			
	Middle Atlantic...	13	...	77	512	19	37	56	1,677	15,986	(2)			
	North Central.....	7	5	1,131	4,121	853	1,556	2,310	6,178	27,860	(2)	(4)	(4)	(4)
	South and West....	17	11	1,256	5,007	607	1,301	2,264	15,926	85,814	(2)			
	Tennessee.....	3	3	766	2,650	319	638	1,047	7,265	46,353	22			
2328-04	Work clothing—Contractors, total.	148	125	16,773	35,771	16,186	27,977	33,236	42,507	47,640	658			
	New England.....	6	4	167	424	156	281	390	506	578	(2)			
	Middle Atlantic...	19	10	890	2,257	834	1,586	1,988	2,740	3,118	(2)			
	North Central.....	27	24	2,666	6,252	2,557	4,717	5,757	7,104	8,359	(2)			
	Iowa.....	5	5	225	486	221	404	469	502	584	(2)			
	South and West....	96	87	13,050	26,838	12,639	21,393	25,101	32,157	35,585	433			
	Virginia.....	4	4	830	1,653	811	1,296	1,584	1,842	1,894	(2)			
	Kentucky.....	8	7	1,395	2,966	1,354	2,328	2,809	3,502	4,406	(2)			
	Tennessee.....	11	11	1,971	3,757	1,902	2,884	3,446	4,476	4,625	(2)			

See footnotes at end of table.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2329	Men's and boys' clothing, nec, total.....	539	324	32,392	93,119	28,606	52,439	73,847	149,951	365,963	2,359			
	New England.....	50	27	2,311	6,639	2,049	3,636	5,054	11,248	24,778	(2)			
	Massachusetts....	39	20	1,930	5,477	1,768	3,120	4,388	8,718	17,162	(2)			
	Connecticut.....	4	2	105	240	93	170	210	499	681	(2)			
	Middle Atlantic...	272	151	12,876	39,640	11,304	21,130	31,703	63,097	151,997	865			
	New York.....	168	76	6,119	20,561	5,124	9,620	15,627	36,580	103,345	492			
	East North Central	61	34	3,547	11,078	2,945	5,216	7,472	22,356	74,776	(2)			
	Illinois.....	26	13	1,411	4,329	1,286	2,279	3,471	7,245	13,502	(2)	(4)	(4)	(4)
	West North Central	26	20	2,136	6,466	1,888	3,627	4,867	10,073	22,266	(2)			
	Missouri.....	11	9	1,077	3,070	958	1,861	2,453	4,561	11,156	(2)			
	South.....	77	64	9,392	22,083	8,636	15,491	19,457	32,744	67,337	847			
	Virginia.....	7	7	935	2,004	888	1,534	1,703	2,586	3,410	(2)			
	Texas.....	9	7	821	2,059	730	1,362	1,812	3,328	6,831	(2)			
	West.....	53	28	2,130	7,213	1,784	3,339	5,294	10,433	24,809	(2)			
	California.....	43	20	1,537	5,081	1,307	2,426	3,883	7,703	17,226	(2)			
2329-02	Men's and boys' clothing, nec—Manufacturers, total..	299	169	18,808	55,014	16,571	30,563	44,169	90,811	205,267	1,277			
	New England.....	34	16	1,428	3,922	1,284	2,253	3,034	7,215	15,203	(2)			
	Massachusetts....	29	14	1,281	3,525	1,160	2,014	2,729	6,291	13,370	(2)			
	Middle Atlantic...	120	62	5,811	18,225	5,020	9,478	14,691	30,659	67,128	404			
	New York.....	87	38	3,459	11,128	2,954	5,538	9,009	19,406	43,299	281			
	East North Central	45	22	2,456	7,367	2,188	3,938	5,782	13,255	28,830	(2)			
	Illinois.....	16	6	802	2,882	709	1,287	2,194	5,082	10,748	(2)	(4)	(4)	(4)
	Michigan.....	7	4	398	1,116	372	756	1,010	1,897	4,675	(2)			
	West North Central	21	15	1,760	5,463	1,541	2,997	4,099	8,691	17,923	(2)			
	Missouri.....	7	5	727	2,127	637	1,274	1,745	3,238	6,873	(2)			
	South.....	39	31	5,507	13,602	5,002	8,983	11,931	22,066	54,446	369			
	West.....	40	23	1,846	6,435	1,536	2,914	4,632	8,925	21,737	(2)			
	California.....	31	16	1,274	4,350	1,063	2,005	3,226	6,257	14,687	(2)			
2329-03	Men's and boys' clothing, nec—Jobbers, total.....	68	16	1,333	6,885	406	796	1,233	20,758	117,577	(2)			
	Northeast.....	53	12	869	4,524	297	593	931	12,669	67,848	(2)			
	New York.....	41	9	660	3,257	266	539	844	9,598	51,821	(2)	(4)	(4)	(4)
	North Central.....	5	2	375	2,065	(D)	(D)	(D)	6,984	45,908	(2)			
	Other Regions.....	10	2	89	296	(D)	(D)	(D)	1,105	3,821	(2)			
2329-04	Men's and boys' clothing, nec—Contractors, total....	172	139	12,251	31,220	11,629	21,080	28,445	38,382	43,119	877			
	Northeast.....	115	88	7,079	19,608	6,752	12,442	18,101	23,802	26,596	337			
	New York.....	40	29	2,000	6,176	1,904	3,543	5,774	7,576	8,224	(2)	(4)	(4)	(4)
	North Central.....	16	15	1,092	2,649	(D)	(D)	(D)	3,499	4,381	(2)			
	Other Regions.....	41	36	4,080	8,963	(D)	(D)	(D)	11,081	12,142	508			

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2311, Men's and Boys' Suits and Coats: New England—Maine, 2 (100-249); New Hampshire, 2 (20-99); East North Central—Michigan, 4 (20-99); West North Central—Iowa, 4 (100-249); Kansas, 2 (20-99); South Atlantic—Delaware, 1 (100-249); Virginia, 5 (1,000-2,499); North Carolina, 2 (250-499); East South Central—Kentucky, 10 (2,500-4,999); Alabama, 3 (500-999); Mississippi, 1 (250-499); West South Central—Oklahoma, 1 (20-99); Texas, 16 (1,000-2,499); Mountain—Colorado, 2 (100-249); New Mexico, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 4 (20-99); Oregon, 1 (20-99).

SIC 2311-02, Men's and Boys' Suits and Coats—Manufacturers: New England—Maine, 1 (100-249); New Hampshire, 1 (20-99); Rhode Island, 2 (20-99); Connecticut, 1 (20-99); East North Central—Indiana, 1 (20-99); Michigan, 3 (20-99); Wisconsin, 4 (250-499); West North Central—Minnesota, 16 (1,000-2,499); Iowa, 3 (20-99); Kansas, 2 (20-99); South—Virginia, 3 (500-999); North Carolina, 2 (250-499); Florida, 6 (100-249); Kentucky, 7 (2,500-4,999); Alabama, 1 (100-249); Louisiana, 8 (1,000-2,499); Oklahoma, 1 (20-99); Texas, 14 (1,000-2,499); West—Colorado, 2 (100-249); Utah, 2 (100-249); Washington, 2 (20-99); Oregon, 1 (20-99).

SIC 2311-03, Men's and Boys' Suits and Coats—Jobbers: North Central—Ohio, 3 (250-499); Wisconsin, 1 (1-19); Missouri, 1 (100-249); South—Georgia, 2 (100-249); West South Central—Texas, 2 (100-249); Pacific—Washington, 1 (1-19); California, 5 (20-99).

SIC 2311-04, Men's and Boys' Suits and Coats—Contractors: New England—Maine, 1 (20-99); New Hampshire, 1 (20-99); Rhode Island, 3 (500-999); Connecticut, 7 (100-249); North Central—Ohio, 9 (100-249); Indiana, 2 (1,000-2,499); Michigan, 1 (1-19); Wisconsin, 1 (20-99); Minnesota, 2 (1-19); Iowa, 1 (100-249); Missouri, 5 (500-999); South—Delaware, 1 (100-249); Virginia, 2 (1,000-2,499); Georgia, 5 (1,000-2,499); Florida, 1 (1-19); Kentucky, 3 (1,000-2,499); Alabama, 2 (250-499); Mississippi, 1 (250-499); Louisiana, 1 (20-99); West—New Mexico, 1 (1-19); Washington, 1 (20-99); California, 31 (500-999).

SIC 2321, Men's Dress Shirts and Nightwear: New England—Maine, 2 (500-999); New Hampshire, 2 (20-99); East North Central—Michigan, 3 (1-19); Wisconsin, 3 (100-249); West North Central—Minnesota, 4 (250-499); Iowa, 1 (20-99); Nebraska, 6 (250-499); Kansas, 2 (100-249); South Atlantic—Delaware, 4 (250-499); West Virginia, 1 (100-249); West South Central—Louisiana, 2 (100-249); Texas, 7 (250-499); Mountain—Colorado, 2 (100-249); New Mexico, 1 (20-99); Arizona, 5 (250-499); Utah, 3 (250-499); Pacific—Washington, 2 (1-19); Oregon, 1 (250-499); California, 90 (3,382).

Footnotes continued on next page.



Footnotes for Table 2—23A

- SIC 2321-02, Men's Dress Shirts and Nightwear-Manufacturers: New England—New Hampshire, 1 (20-99); Massachusetts, 4 (500-999); Connecticut, 5 (100-249); Middle Atlantic—New Jersey, 9 (1,000-2,499); Pennsylvania, 51 (5,000-9,999); East North Central—Ohio, 7 (500-999); Indiana, 3 (250-499); Illinois, 7 (250-499); Michigan, 3 (1-19); Wisconsin, 1 (20-99); West North Central—Minnesota, 2 (250-499); Iowa, 1 (20-99); Missouri, 6 (1,000-2,499); Kansas, 2 (100-249); South Atlantic—Delaware, 1 (100-249); Florida, 11 (500-999); East South Central—Kentucky, 2 (1,000-2,499); Mississippi, 7 (1,000-2,499); West South Central—Arkansas, 4 (1,000-2,499); Louisiana, 1 (100-249); Texas, 4 (100-249); West—Colorado, 1 (100-249); New Mexico, 1 (20-99); Arizona, 4 (250-499); Utah, 2 (20-99); Washington, 1 (1-19); Oregon, 1 (250-499); California, 45 (1,000-2,499).
- SIC 2321-03, Men's Dress Shirts and Nightwear-Jobbers: New England—Maine, 1 (100-249); New Hampshire, 1 (20-99); Massachusetts, 2 (500-999); Connecticut, 3 (20-99); Middle Atlantic—New Jersey, 1 (20-99); Pennsylvania, 6 (250-499); North Central—Ohio, 1 (250-499); Illinois, 1 (1-19); Wisconsin, 1 (1-19); Minnesota, 1 (20-99); Missouri, 1 (100-249); Nebraska, 2 (20-99); South—Maryland, 3 (100-249); North Carolina, 1 (1-19); South Carolina, 2 (1-19); Georgia, 1 (100-249); Florida, 1 (1-19); Tennessee, 1 (1-19); Mississippi, 1 (100-249); West—Colorado, 1 (1-19); Washington, 1 (1-19); California, 15 (100-249).
- SIC 2321-04, Men's Dress Shirts and Nightwear-Contractors: New England—Maine, 1 (500-999); Massachusetts, 8 (500-999); North Central—Ohio, 1 (100-249); Indiana, 2 (500-999); Wisconsin, 1 (20-99); Minnesota, 1 (20-99); Missouri, 7 (500-999); Nebraska, 4 (250-499); South—Delaware, 3 (250-499); Maryland, 13 (1,000-2,499); West Virginia, 1 (100-249); Florida, 3 (100-249); Kentucky, 4 (500-999); Tennessee, 28 (5,000-9,999); Arkansas, 2 (500-999); Louisiana, 1 (20-99); Texas, 3 (100-249); West—Arizona, 1 (1-19); Utah, 1 (100-249); California, 30 (1,000-2,499).
- SIC 2322, Men's and Boys' Underwear: Northeast—Massachusetts, 2 (20-99); New Jersey, 5 (500-999); East North Central—Ohio, 1 (1-19); Indiana, 2 (250-499); Wisconsin, 1 (20-99); West North Central—Minnesota, 3 (250-499); Missouri, 1 (1-19); Nebraska, 1 (20-99); South and West—Maryland, 1 (100-249); Georgia, 2 (250-499); Kentucky, 6 (3,167); Tennessee, 4 (500-999); Alabama, 3 (250-499); Mississippi, 2 (500-999); Arkansas, 1 (20-99); Oklahoma, 1 (100-249); Texas, 1 (1-19); Arizona, 1 (250-499).
- SIC 2322-02, Men's and Boys' Underwear-Manufacturers: Middle Atlantic—New Jersey, 3 (500-999); Pennsylvania, 12 (500-999); North Central—Ohio, 1 (1-19); Illinois, 2 (250-499); Wisconsin, 1 (20-99); Minnesota, 3 (250-499); Missouri, 1 (1-19); South and West—Maryland, 1 (100-249); Virginia, 1 (250-499); North Carolina, 4 (500-999); South Carolina, 3 (500-999); Georgia, 2 (250-499); Kentucky, 4 (1,000-2,499); Tennessee, 3 (250-499); Alabama, 2 (250-499); Mississippi, 2 (500-999); Arkansas, 1 (20-99); Oklahoma, 1 (100-249); Texas, 1 (1-19); Arizona, 1 (250-499).
- SIC 2322-03, Men's and Boys' Underwear-Jobbers: Middle Atlantic—New York, 1 (20-99); New Jersey, 1 (20-99); Pennsylvania, 1 (250-499); East North Central—Illinois, 1 (1-19); South Atlantic—South Carolina, 1 (250-499).
- SIC 2322-04, Men's and Boys' Underwear-Contractors: All other states—Massachusetts, 2 (20-99); New York, 8 (100-249); New Jersey, 1 (1-19); Indiana, 2 (250-499); Nebraska, 1 (20-99); Virginia, 3 (500-999); North Carolina, 2 (100-249); South Carolina, 1 (20-99); Kentucky, 2 (250-499); Tennessee, 1 (20-99); Alabama, 1 (100-249).
- SIC 2323, Men's and Boys' Neckwear: New England—Vermont, 1 (20-99); Connecticut, 5 (100-249); East North Central—Ohio, 7 (250-499); Michigan, 3 (20-99); West North Central—Minnesota, 2 (20-99); Iowa, 1 (1-19); Missouri, 5 (100-249); Kansas, 1 (1-19); South and West—North Carolina, 3 (100-249); South Carolina, 1 (1-19); Georgia, 1 (1-19); Kentucky, 3 (100-249); Arkansas, 1 (20-99); Louisiana, 2 (250-499); Texas, 3 (20-99); Colorado, 1 (1-19); New Mexico, 4 (20-99); Arizona, 2 (1-19); Utah, 1 (1-19); Washington, 3 (20-99); Oregon, 2 (1-19); California, 26 (250-499).
- SIC 2323-02, Men's and Boys' Neckwear-Manufacturers: New England—Vermont, 1 (20-99); Massachusetts, 14 (250-499); Connecticut, 3 (20-99); North Central—Ohio, 6 (250-499); Michigan, 3 (20-99); Minnesota, 1 (20-99); Iowa, 1 (1-19); Missouri, 5 (100-249); South and West—Maryland, 7 (100-249); North Carolina, 2 (20-99); South Carolina, 1 (1-19); Georgia, 1 (1-19); Kentucky, 2 (20-99); Arkansas, 1 (20-99); Louisiana, 2 (250-499); Texas, 3 (20-99); Colorado, 1 (1-19); New Mexico, 2 (1-19); Arizona, 2 (1-19); Utah, 1 (1-19); Washington, 3 (20-99); Oregon, 1 (1-19); California, 21 (250-499).
- SIC 2323-03, Men's and Boys' Neckwear-Jobbers: Northeast—Massachusetts, 1 (1-19); New Jersey, 1 (1-19); Pennsylvania, 1 (1-19); North Central, and South and West—Minnesota, 1 (20-99); Maryland, 1 (1-19); New Mexico, 2 (1-19); California, 1 (1-19).
- SIC 2323-04, Men's and Boys' Neckwear-Contractors: Northeast—Massachusetts, 2 (20-99); Connecticut, 2 (100-249); New Jersey, 13 (250-499); Pennsylvania, 4 (250-499); North Central, South and West—Ohio, 1 (1-19); Kansas, 1 (1-19); Maryland, 1 (1-19); North Carolina, 1 (100-249); Oregon, 1 (1-19); California, 4 (1-19);
- SIC 2327, Separate Trousers: New England—Maine, 2 (250-499); Rhode Island, 1 (1-19); Connecticut, 6 (100-249); East North Central—Michigan, 6 (100-249); Wisconsin, 1 (100-249); West North Central—Minnesota, 4 (100-249); Kansas, 2 (100-249); South Atlantic—West Virginia, 2 (100-249); North Carolina, 3 (500-999); South Carolina, 5 (100-249); Florida, 6 (250-499); West South Central—Arkansas, 5 (500-999); Louisiana, 8 (250-499); Oklahoma, 2 (100-249); West—Colorado, 1 (20-99); Washington, 5 (250-499); Oregon, 1 (100-249).
- SIC 2327-02, Separate Trousers-Manufacturers: New England—Massachusetts, 14 (500-999); Rhode Island, 1 (1-19); Connecticut, 1 (20-99); Middle Atlantic—New York, 77 (500-999); New Jersey, 3 (20-99); East North Central—Illinois, 6 (500-999); Michigan, 4 (20-99); West North Central—Minnesota, 3 (100-249); Kansas, 1 (20-99); South Atlantic—Maryland, 12 (250-499); West Virginia, 1 (100-249); North Carolina, 1 (250-499); South Carolina, 1 (1-19); Florida, 6 (250-499); East South Central—Kentucky, 2 (250-499); Tennessee, 6 (1,000-2,499); Mississippi, 4 (1,000-2,499); West South Central—Arkansas, 3 (250-499); Louisiana, 5 (100-249); Oklahoma, 1 (1-19); West—Colorado, 1 (20-99); Washington, 3 (250-499); Oregon, 1 (100-249).
- SIC 2327-03, Separate Trousers-Jobbers: New England—Massachusetts, 7 (100-249); Connecticut, 1 (1-19); East North Central—Ohio, 1 (1-19); Indiana, 1 (100-249); Illinois, 5 (20-99); West North Central—Missouri, 10 (100-249); South and West—North Carolina, 1 (100-249); South Carolina, 1 (20-99); Georgia, 1 (20-99); Mississippi, 1 (1-19); Louisiana, 1 (20-99); Washington, 2 (100-249); California, 6 (20-99).
- SIC 2327-04, Separate Trousers-Contractors: New England—Maine, 2 (250-499); Massachusetts, 10 (100-249); Connecticut, 4 (100-249); Middle Atlantic—New York, 93 (2,921); New Jersey, 11 (500-999); East North Central—Ohio, 4 (100-249); Indiana, 3 (20-99); Michigan, 2 (20-99); Wisconsin, 1 (100-249); West North Central—Minnesota, 1 (1-19); Missouri, 11 (1,000-2,499); Kansas, 1 (100-249); South and West—West Virginia, 1 (20-99); North Carolina, 1 (100-249); South Carolina, 3 (100-249); Georgia, 18 (1,000-2,499); Kentucky, 3 (500-999); Tennessee, 2 (100-249); Arkansas, 2 (250-499); Louisiana, 2 (100-249); Oklahoma, 1 (100-249); California, 25 (250-499).
- SIC 2328, Work Clothing: Northeast—New Hampshire, 3 (100-249); Massachusetts, 16 (500-999); Connecticut, 2 (20-99); New Jersey, 5 (500-999); Pennsylvania, 34 (2,429); East North Central—Ohio, 11 (500-999); Michigan, 9 (500-999); Wisconsin, 1 (250-499); West North Central—Minnesota, 2 (250-499); Kansas, 5 (500-999); South Atlantic—Delaware, 1 (20-99); West Virginia, 3 (100-249); South Carolina, 2 (100-249); Florida, 3 (250-499); West—Colorado, 2 (250-499); Arizona, 1 (1-19); Washington, 4 (250-499); Oregon, 1 (100-249).
- SIC 2328-02, Work Clothing-Manufacturers: New England—New Hampshire, 2 (100-249); Massachusetts, 11 (250-499); Connecticut, 2 (20-99); Middle Atlantic—New Jersey, 3 (250-499); Pennsylvania, 23 (1,846); East North Central—Ohio, 9 (500-999); Indiana, 15 (2,500-4,999); Michigan, 7 (500-999); Wisconsin, 1 (250-499); West North Central—Minnesota, 2 (250-499); Kansas, 1 (20-99); South Atlantic—Delaware, 1 (20-99); West Virginia, 2 (100-249); South Carolina, 1 (100-249); Florida, 3 (250-499); East South Central—Alabama, 7 (1,000-2,499); Mississippi, 7 (2,500-4,999); West South Central—Arkansas, 2 (500-999); Louisiana, 4 (1,000-2,499); West—Colorado, 2 (250-499); Arizona, 1 (1-19); Washington, 4 (250-499); Oregon, 1 (100-249).
- SIC 2328-03, Work Clothing-Jobbers: Middle Atlantic—New York, 8 (20-99); Pennsylvania, 5 (20-99); North Central—Ohio, 1 (100-249); Illinois, 1 (100-249); Missouri, 4 (500-999); Kansas, 1 (100-249); South and West—Maryland, 2 (20-99); North Carolina, 2 (1-19); Georgia, 2 (100-249); Texas, 2 (20-99); California, 6 (100-249).
- SIC 2328-04, Work Clothing-Contractors: New England—New Hampshire, 1 (20-99); Massachusetts, 5 (100-249); Middle Atlantic—New York, 11 (100-249); New Jersey, 2 (20-99); Pennsylvania, 6 (500-999); North Central—Ohio, 1 (20-99); Indiana, 2 (100-249); Illinois, 6 (250-499); Michigan, 2 (1-19); Missouri, 8 (1,379); Kansas, 3 (250-499); South and West—Maryland, 10 (500-999); West Virginia, 1 (1-19); North Carolina, 6 (500-999); South Carolina, 1 (20-99); Georgia, 8 (500-999); Alabama, 3 (500-999); Mississippi, 15 (2,810); Arkansas, 5 (1,263); Louisiana, 4 (250-499); Texas, 13 (1,541); California, 7 (100-249).
- SIC 2329, Men's and Boys' Clothing, NEC: New England—Maine, 2 (20-99); New Hampshire, 1 (20-99); Vermont, 2 (20-99); Rhode Island, 2 (20-99); Middle Atlantic—New Jersey, 32 (1,855); Pennsylvania, 72 (4,902); East North Central—Ohio, 9 (500-999); Indiana, 10 (500-999); Michigan, 7 (250-499); Wisconsin, 9 (500-999); West North Central—Minnesota, 9 (500-999); Iowa, 4 (150-249); Nebraska, 1 (20-99); Kansas, 1 (1-19); South—Delaware, 1 (1-19); Maryland, 6 (250-499); North Carolina, 2 (100-249); South Carolina, 1 (1-19); Georgia, 7 (500-999); Florida, 12 (250-499); Kentucky, 9 (1,254); Tennessee, 12 (2,481); Alabama, 3 (500-999); Mississippi, 4 (500-999); Arkansas, 2 (500-999); Oklahoma, 2 (100-249); West—Arizona, 3 (100-249); Washington, 7 (250-499).

<sup>2</sup>Less than \$250 thousand.<sup>3</sup>This state or region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see text of this report).



**MANUFACTURES—INDUSTRY STATISTICS**  
**Table 3.—Detailed Statistics for the United States: 1958**

Item	Men's and boys' suits and coats				Men's dress shirts and nightwear			
	Total (SIC 2311)	Manufac- turers (SIC 2311- 02)	Jobbers (SIC 2311- 03)	Contractors (SIC 2311- 04)	Total (SIC 2321)	Manufac- turers (SIC 2321- 02)	Jobbers (SIC 2321- 03)	Contractors (SIC 2321- 04)
Primary product specialization ratio <sup>1</sup> .....	93	(NA)	(NA)	(NA)	90	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	97	(NA)	(NA)	(NA)	81	(NA)	(NA)	(NA)
Number of establishments, total.....	1,365	494	291	580	<sup>r</sup> 880	<sup>r</sup> 324	172	384
With 1-19 employees.....	602	212	216	174	274	98	133	43
With 20-99 employees.....	472	141	63	268	<sup>r</sup> 290	<sup>r</sup> 97	31	162
With 100 employees or more.....	291	141	12	138	<sup>r</sup> 316	<sup>r</sup> 129	8	179
Proprietors and working partners.....Number..	750	235	146	369	309	99	47	163
All employees:								
Number (average for the year).....	122,205	66,019	7,029	49,157	<sup>r</sup> 103,596	<sup>r</sup> 47,862	4,032	51,701
Payroll.....\$1,000..	407,986	225,312	37,525	145,148	<sup>r</sup> 254,139	<sup>r</sup> 121,901	17,907	114,331
Production workers:								
Number (average for the year).....	107,215	57,688	3,032	46,495	<sup>r</sup> 94,609	<sup>r</sup> 43,517	1,962	49,130
March.....	108,000	(NA)	(NA)	(NA)	<sup>r</sup> 94,374	(NA)	(NA)	(NA)
May.....	104,129	(NA)	(NA)	(NA)	<sup>r</sup> 92,643	(NA)	(NA)	(NA)
August.....	108,516	(NA)	(NA)	(NA)	<sup>r</sup> 95,611	(NA)	(NA)	(NA)
November.....	108,215	(NA)	(NA)	(NA)	<sup>r</sup> 95,807	(NA)	(NA)	(NA)
Man-hours.....1,000..	184,782	101,064	5,570	78,148	<sup>r</sup> 169,035	<sup>r</sup> 76,820	3,623	88,592
January-March.....do....	46,653	(NA)	(NA)	(NA)	<sup>r</sup> 42,252	(NA)	(NA)	(NA)
April-June.....do....	45,403	(NA)	(NA)	(NA)	<sup>r</sup> 41,230	(NA)	(NA)	(NA)
July-September.....do....	44,641	(NA)	(NA)	(NA)	<sup>r</sup> 41,691	(NA)	(NA)	(NA)
October-December.....do....	48,085	(NA)	(NA)	(NA)	<sup>r</sup> 43,862	(NA)	(NA)	(NA)
Wages.....\$1,000..	<sup>r</sup> 321,525	176,703	12,010	132,812	<sup>r</sup> 210,309	<sup>r</sup> 101,307	4,766	104,236
Cost of materials, etc., total.....do....	651,039	336,334	295,413	19,292	<sup>r</sup> 544,790	<sup>r</sup> 287,049	242,916	14,825
Materials, parts, containers, and supplies consumed.....do....	456,019	285,173	156,894	13,952	<sup>r</sup> 393,823	<sup>r</sup> 239,400	143,587	10,836
Cost of resales.....do....	24,723	19,022	5,590	111	<sup>r</sup> 20,023	<sup>r</sup> 16,750	3,230	43
Fuels consumed.....do....	1,981	1,212	112	657	<sup>r</sup> 1,156	<sup>r</sup> 563	83	510
Electricity purchased.....do....	2,865	1,572	945	2,224	<sup>r</sup> 2,227	<sup>r</sup> 1,074	<sup>r</sup> 254	<sup>r</sup> 899
Contract work.....do....	165,451	29,355	132,469	3,627	127,561	29,262	95,762	2,537
Value of production (including resales), total.....do....	1,295,362	713,851	385,506	196,005	<sup>r</sup> 967,223	<sup>r</sup> 515,602	299,876	151,745
Value of resales.....do....	32,728	25,170	7,425	133	25,237	21,478	3,713	46
Value added by manufacture, adjusted...do....	642,510	377,268	89,449	175,793	<sup>r</sup> 421,876	<sup>r</sup> 228,557	56,591	136,728
Manufacturers' inventories:								
Beginning of year, total.....do....	228,628	146,812	66,360	15,456	<sup>r</sup> 157,223	<sup>r</sup> 93,613	49,994	13,616
Finished products.....do....	94,666	63,113	29,679	1,874	<sup>r</sup> 80,152	<sup>r</sup> 51,108	25,400	3,644
Work-in-process.....do....	45,071	27,564	12,127	5,380	<sup>r</sup> 27,954	<sup>r</sup> 16,127	7,517	4,310
Materials, supplies, fuel, etc.....do....	88,891	56,135	24,554	8,202	<sup>r</sup> 49,117	<sup>r</sup> 26,378	17,077	5,662
End of year, total.....do....	199,477	124,650	60,714	14,113	<sup>r</sup> 140,723	<sup>r</sup> 85,783	43,916	11,024
Finished products.....do....	82,498	54,012	27,277	1,209	<sup>r</sup> 71,068	<sup>r</sup> 44,112	23,688	3,268
Work-in-process.....do....	43,258	27,315	11,483	4,460	<sup>r</sup> 27,397	<sup>r</sup> 16,131	7,148	4,118
Materials, supplies, fuel, etc.....do....	73,721	43,323	21,954	8,444	<sup>r</sup> 42,258	<sup>r</sup> 25,540	13,080	3,638
Expenditures for plant and equipment, total.....do....	5,215	2,829	425	1,961	<sup>r</sup> 5,834	<sup>r</sup> 2,304	1,061	2,469
New, total.....do....	4,906	2,768	409	1,729	<sup>r</sup> 5,687	<sup>r</sup> 2,276	1,012	2,399
New structures and additions to plant.....do....	1,297	825	93	379	<sup>r</sup> 1,441	(NA)	(NA)	(NA)
New machinery and equipment.....do....	3,609	1,943	316	1,350	4,246	(NA)	(NA)	(NA)
Used plant and equipment.....do....	309	61	16	232	147	28	49	70

See footnotes at end of table.



Table 3.—Detailed Statistics for the United States: 1958

Item	Men's and boys' underwear				Men's and boys' neckwear			
	Total (SIC 2322)	Manufac- turers (SIC 2322- 02)	Jobbers (SIC 2322- 03)	Contractors (SIC 2322- 04)	Total (SIC 2323)	Manufac- turers (SIC 2323- 02)	Jobbers (SIC 2323- 03)	Contractors (SIC 2323- 04)
Primary product specialization ratio <sup>1</sup> .....	89	(NA)	(NA)	(NA)	97	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	38	(NA)	(NA)	(NA)	98	(NA)	(NA)	(NA)
Number of establishments, total.....	91	56	5	30	362	262	34	66
With 1-19 employees.....	18	10	2	6	251	174	30	47
With 20-99 employees.....	35	18	1	16	102	82	4	16
With 100 employees or more.....	38	28	2	8	9	6	...	3
Proprietors and working partners.....Number..	21	10	...	11	265	192	18	55
All employees:								
Number (average for the year).....	12,326	9,407	674	2,245	7,734	6,061	298	1,375
Payroll.....\$1,000..	30,285	23,308	1,880	5,097	26,835	21,933	1,456	3,446
Production workers:								
Number (average for the year).....	11,108	8,406	586	2,116	6,177	4,836	130	1,211
March.....	10,833	(NA)	(NA)	(NA)	6,100	(NA)	(NA)	(NA)
May.....	10,788	(NA)	(NA)	(NA)	5,685	(NA)	(NA)	(NA)
August.....	11,367	(NA)	(NA)	(NA)	6,125	(NA)	(NA)	(NA)
November.....	11,432	(NA)	(NA)	(NA)	6,798	(NA)	(NA)	(NA)
Man-hours.....1,000..	19,338	14,556	1,098	3,684	10,786	8,490	188	2,108
January-March.....do....	4,760	(NA)	(NA)	(NA)	2,577	(NA)	(NA)	(NA)
April-June.....do....	4,621	(NA)	(NA)	(NA)	2,470	(NA)	(NA)	(NA)
July-September.....do....	4,930	(NA)	(NA)	(NA)	2,640	(NA)	(NA)	(NA)
October-December.....do....	5,027	(NA)	(NA)	(NA)	3,099	(NA)	(NA)	(NA)
Wages.....\$1,000..	25,111	19,170	1,378	4,563	17,538	14,263	359	2,916
Cost of materials, etc., total.....do....	70,439	60,980	8,150	1,309	53,169	44,967	7,243	959
Materials, parts, containers, and supplies consumed.....do....	63,113	56,644	5,221	1,248	44,537	39,121	4,549	867
Cost of resales.....do....	2,467	2,455	12	...	3,791	3,202	589	...
Fuels consumed.....do....	126	106	6	14	68	53	6	9
Electricity purchased.....do....	279	208	27	44	277	223	19	35
Contract work.....do....	4,454	1,567	2,884	3	4,496	2,368	2,080	48
Value of production (including resales), total.....do....	121,646	103,777	10,326	7,543	102,405	85,848	10,787	5,770
Value of resales.....do....	2,887	2,857	30	...	5,912	5,054	858	...
Value added by manufacture, adjusted...do....	51,621	43,225	2,147	6,249	48,938	40,555	3,589	4,794
Manufacturers' inventories:								
Beginning of year, total.....do....	25,883	22,872	2,467	544	12,706	11,271	1,077	358
Finished products.....do....	13,653	12,730	824	99	6,208	5,643	480	85
Work-in-process.....do....	2,633	1,793	571	269	1,641	1,427	159	55
Materials, supplies, fuel, etc.....do....	9,597	8,349	1,072	176	4,857	4,201	438	218
End of year, total.....do....	25,569	22,569	2,487	513	11,332	9,829	1,182	321
Finished products.....do....	13,872	13,071	743	58	5,248	4,642	533	73
Work-in-process.....do....	3,047	2,221	542	284	1,343	1,101	204	38
Materials, supplies, fuel, etc.....do....	8,650	7,277	1,202	171	4,741	4,086	445	210
Expenditures for plant and equipment, total.....do....	975	796	36	143	595	515	7	73
New, total.....do....	908	757	36	115	584	504	7	73
New structures and additions to plant.....do....	478	(NA)	(NA)	(NA)	261	(NA)	(NA)	(NA)
New machinery and equipment.....do....	430	(NA)	(NA)	(NA)	323	(NA)	(NA)	(NA)
Used plant and equipment.....do....	67	39	...	28	11	11	...	...

See footnotes at end of table.

**MANUFACTURES—INDUSTRY STATISTICS**  
**Table 3.—Detailed Statistics for the United States: 1958**

Item	Separate trousers				Work clothing			
	Total (SIC 2327)	Manufac- turers (SIC 2327- 02)	Jobbers (SIC 2327- 03)	Contractors (SIC 2327- 04)	Total (SIC 2328)	Manufac- turers (SIC 2328- 02)	Jobbers (SIC 2328- 03)	Contractors (SIC 2328- 04)
Primary product specialization ratio <sup>1</sup> .....	89	(NA)	(NA)	(NA)	84	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	71	(NA)	(NA)	(NA)	95	(NA)	(NA)	(NA)
Number of establishments, total.....	748	258	148	342	500	315	37	148
With 1-19 employees.....	381	130	127	214	104	60	21	23
With 20-99 employees.....	206	62	17	127	182	108	9	65
With 100 employees or more.....	161	66	4	91	214	147	7	60
Proprietors and working partners.....Number..	500	158	74	268	193	114	19	60
All employees:								
Number (average for the year).....	51,632	23,698	2,146	25,788	64,780	45,543	2,464	16,773
Payroll.....\$1,000..	134,027	62,696	9,507	61,824	154,834	109,423	9,640	35,771
Production workers:								
Number (average for the year).....	47,229	21,478	1,160	24,591	59,328	41,663	1,479	16,186
March.....	47,844	(NA)	(NA)	(NA)	58,161	(NA)	(NA)	(NA)
May.....	46,684	(NA)	(NA)	(NA)	58,687	(NA)	(NA)	(NA)
August.....	47,761	(NA)	(NA)	(NA)	60,016	(NA)	(NA)	(NA)
November.....	46,627	(NA)	(NA)	(NA)	59,993	(NA)	(NA)	(NA)
Man-hours.....1,000..	85,290	38,855	2,209	44,226	104,481	73,610	2,894	27,977
January-March.....do....	21,738	(NA)	(NA)	(NA)	24,981	(NA)	(NA)	(NA)
April-June.....do....	21,340	(NA)	(NA)	(NA)	25,629	(NA)	(NA)	(NA)
July-September.....do....	20,916	(NA)	(NA)	(NA)	27,625	(NA)	(NA)	(NA)
October-December.....do....	21,296	(NA)	(NA)	(NA)	26,246	(NA)	(NA)	(NA)
Wages.....\$1,000..	109,510	49,750	3,450	56,310	132,570	94,704	4,630	33,236
Cost of materials, etc., total.....do....	243,407	130,316	98,288	14,803	434,820	324,110	105,806	4,904
Materials, parts, containers, and supplies consumed.....do....	186,985	119,222	54,550	13,213	350,505	280,373	65,761	4,371
Cost of resales.....do....	6,703	3,880	2,572	251	34,059	30,816	3,239	4
Fuels consumed.....do....	739	332	72	335	737	554	55	128
Electricity purchased.....do....	1,273	523	164	586	1,352	954	133	265
Contract work.....do....	47,707	6,359	40,930	418	48,167	11,413	36,618	136
Value of production (including resales), total.....do....	452,414	232,575	126,461	93,378	689,819	512,519	129,660	47,640
Value of resales.....do....	8,295	4,570	3,354	371	38,810	35,093	3,713	4
Value added by manufacture, adjusted...do....	209,050	102,364	28,213	78,473	255,481	189,193	23,781	42,507
Manufacturers' inventories:								
Beginning of year, total.....do....	69,471	42,558	22,862	4,051	114,367	92,299	18,868	3,200
Finished products.....do....	37,095	20,966	15,065	1,064	69,266	58,429	9,690	1,147
Work-in-process.....do....	8,547	4,764	2,767	1,016	10,757	8,073	1,774	910
Materials, supplies, fuel, etc.....do....	23,829	16,828	5,030	1,971	34,344	25,797	7,404	1,143
End of year, total.....do....	63,892	39,320	20,685	3,887	118,132	94,432	19,930	3,770
Finished products.....do....	33,971	19,399	13,568	1,004	69,846	58,261	10,454	1,131
Work-in-process.....do....	8,590	4,869	2,807	914	11,239	8,857	1,701	681
Materials, supplies, fuel, etc.....do....	21,331	15,052	4,310	1,969	37,047	27,314	7,775	1,958
Expenditures for plant and equipment, total.....do....	4,336	(NA)	(NA)	(NA)	3,813	2,859	187	767
New, total.....do....	3,970	(NA)	(NA)	(NA)	3,452	2,659	135	658
New structures and additions to plant.....do....	1,092	(NA)	(NA)	(NA)	869	730	35	104
New machinery and equipment.....do....	2,878	(NA)	(NA)	(NA)	2,583	1,929	100	554
Used plant and equipment.....do....	366	(NA)	(NA)	(NA)	361	200	52	109

See footnotes at end of table.



Table 3.—Detailed Statistics for the United States: 1958

Item	Men's and boys' clothing, nec			
	Total (SIC 2329)	Manufacturers (SIC 2329-02)	Jobbers (SIC 2329-03)	Contractors (SIC 2329-04)
Primary product specialization ratio <sup>1</sup> .....	78	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	57	(NA)	(NA)	(NA)
Number of establishments, total.....	539	299	68	172
With 1-19 employees.....	215	130	52	33
With 20-99 employees.....	221	111	13	97
With 100 employees or more.....	103	58	3	42
Proprietors and working partners.....Number..	291	179	28	84
All employees:				
Number (average for the year).....	32,392	18,808	1,333	12,251
Payroll.....\$1,000..	93,119	55,014	6,885	31,220
Production workers:				
Number (average for the year).....	28,606	16,571	406	11,629
March.....	27,551	(NA)	(NA)	(NA)
May.....	28,125	(NA)	(NA)	(NA)
August.....	29,435	(NA)	(NA)	(NA)
November.....	29,384	(NA)	(NA)	(NA)
Man-hours.....1,000..	52,439	30,563	796	21,080
January-March.....do...	12,427	(NA)	(NA)	(NA)
April-June.....do...	13,086	(NA)	(NA)	(NA)
July-September.....do...	13,360	(NA)	(NA)	(NA)
October-December.....do...	13,566	(NA)	(NA)	(NA)
Wages.....\$1,000..	73,847	44,169	1,233	28,445
Cost of materials, etc., total.....do...	216,599	114,984	97,033	4,582
Materials, parts, containers, and supplies consumed.....do...	165,119	102,447	59,919	2,753
Cost of resales.....do...	4,654	3,804	730	120
Fuels consumed.....do...	358	219	21	118
Electricity purchased.....do...	807	480	72	255
Contract work.....do...	45,661	8,034	36,291	1,336
Value of production (including resales), total.....do...	365,963	205,267	117,577	43,119
Value of resales.....do...	6,068	4,740	1,194	134
Value added by manufacture, adjusted.....do...	149,951	90,811	20,758	38,382
Manufacturers' inventories:				
Beginning of year, total.....do...	51,338	33,687	15,605	2,046
Finished products.....do...	23,665	17,678	5,441	546
Work-in-process.....do...	5,265	3,448	1,087	730
Materials, supplies, fuel, etc.....do...	22,408	12,561	9,077	770
End of year, total.....do...	49,770	31,740	16,243	1,787
Finished products.....do...	21,934	15,719	5,730	485
Work-in-process.....do...	5,852	3,976	1,301	575
Materials, supplies, fuel, etc.....do...	21,984	12,045	9,212	727
Expenditures for plant and equipment, total.....do...	12,479	1,314	206	959
New, total.....do...	12,359	1,277	205	877
New structures and additions to plant.....do...	616	(NA)	(NA)	(NA)
New machinery and equipment.....do...	1,743	(NA)	(NA)	(NA)
Used plant and equipment.....do...	120	37	1	82

Note: Detailed figures may not add to totals because of independent rounding.

NA Not available. <sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products made by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2311	Men's and boys' suits and coats:											
	Number of establishments.....	1,365	259	156	187	275	197	175	71	34	10	1
	All employees:											
	Number.....	122,205	584	1,052	2,586	8,787	13,855	27,207	24,755	23,176	<u>20,203</u>	(D)
	Payroll.....\$1,000..	407,986	2,514	4,607	10,588	29,370	46,031	88,925	77,791	79,224	<u>68,936</u>	(D)
	Value added, adjusted...do....	642,510	7,064	10,400	22,700	51,179	72,597	128,527	135,804	104,633	<u>109,606</u>	(D)
	Value of production...do....	1,295,362	24,323	41,487	73,027	120,413	155,395	230,167	259,779	194,898	<u>195,873</u>	(D)
	Capital expend., new...do....	4,906	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	601	713	929	643	701	<u>559</u>	(D)
2311-02	Manufacturers:											
	Number of establishments....	494	104	50	58	77	64	71	40	20	9	1
	All employees:											
	Number.....	66,019	226	328	799	2,515	4,365	11,050	13,797	32,939	(D)	(D)
	Payroll.....\$1,000..	225,312	974	1,446	2,419	7,783	14,270	37,296	46,061	<u>115,063</u>	(D)	(D)
	Value added, adjusted...do....	377,268	2,966	3,132	5,305	13,136	23,195	58,561	92,249	<u>178,724</u>	(D)	(D)
	Value of production...do....	713,851	8,218	9,920	10,931	25,967	41,691	116,515	171,822	<u>328,787</u>	(D)	(D)
2311-03	Jobbers:											
	Number of establishments....	291	94	58	64	46	17	9	2	1	...	...
	All employees:											
	Number.....	7,029	217	393	823	1,389	1,220	1,545	<u>1,442</u>	(D)	...	...
	Payroll.....\$1,000..	37,525	1,158	2,251	5,354	7,730	7,230	6,654	<u>7,148</u>	(D)	...	...
	Value added, adjusted...do....	89,449	3,096	5,442	13,118	20,432	19,871	14,512	<u>12,978</u>	(D)	...	...
	Value of production...do....	385,506	14,787	29,137	57,297	74,371	81,578	53,036	<u>75,300</u>	(D)	...	...
2311-04	Contractors:											
	Number of establishments....	580	61	48	65	152	116	95	29	13	1	...
	All employees:											
	Number.....	49,157	141	331	964	4,883	8,270	14,612	<u>19,956</u>	(D)	(D)	...
	Payroll.....\$1,000..	145,149	382	910	2,815	13,857	24,531	44,975	<u>57,679</u>	(D)	(D)	...
	Value added, adjusted...do....	175,793	1,002	1,826	4,277	17,611	29,531	55,454	<u>66,092</u>	(D)	(D)	...
	Value of production...do....	196,005	1,318	2,430	4,799	20,075	32,126	60,616	<u>74,641</u>	(D)	(D)	...
2321	Men's dress shirts and nightwear:											
	Number of establishments.....	<sup>r</sup> 880	128	67	79	148	140	206	<sup>r</sup> 78	27	7	...
	All employees:											
	Number.....	<sup>r</sup> 103,596	292	444	1,122	4,869	10,301	33,446	<sup>r</sup> 26,717	17,268	9,137	...
	Payroll.....\$1,000..	<sup>r</sup> 254,139	1,459	2,780	4,463	14,958	26,215	78,360	<sup>r</sup> 61,337	41,907	22,670	...
	Value added, adjusted...do....	<sup>r</sup> 421,876	6,202	6,860	10,639	30,250	39,221	114,027	<sup>r</sup> 104,770	74,025	35,882	...
	Value of production...do....	<sup>r</sup> 967,223	23,494	41,800	62,913	104,859	87,774	210,432	<sup>r</sup> 191,408	162,550	81,993	...
	Capital expend., new...do....	<sup>r</sup> 5,687	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	545	( <sup>1</sup> )	2,034	<sup>r</sup> 1,143	539	( <sup>1</sup> )	...
2321-02	Manufacturers:											
	Number of establishments....	<sup>r</sup> 324	57	21	20	45	50	67	<sup>r</sup> 44	14	6	...
	All employees:											
	Number.....	<sup>r</sup> 47,863	114	135	301	1,476	3,695	10,817	<sup>r</sup> 14,850	<u>16,475</u>	(D)	...
	Payroll.....\$1,000..	<sup>r</sup> 121,901	424	492	795	4,107	10,512	27,663	<sup>r</sup> 35,086	<u>42,822</u>	(D)	...
	Value added, adjusted...do....	<sup>r</sup> 228,557	1,298	895	1,336	6,817	16,945	47,205	<sup>r</sup> 70,501	<u>83,560</u>	(D)	...
	Value of production...do....	<sup>r</sup> 515,602	2,803	3,202	2,931	13,752	40,625	99,732	<sup>r</sup> 147,566	<u>204,991</u>	(D)	...
	Capital expend., new...do....	<sup>r</sup> 2,276	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	659	<sup>r</sup> 585	<u>608</u>	(D)	...
2321-03	Jobbers:											
	Number of establishments....	172	61	40	32	23	8	6	1	1	...	...
	All employees:											
	Number.....	4,032	154	267	435	705	561	1,910	(D)	(D)	...	...
	Payroll.....\$1,000..	17,907	969	2,165	2,716	4,392	1,697	<u>5,968</u>	(D)	(D)	...	...
	Value added, adjusted...do....	56,591	4,777	5,735	7,895	15,460	5,341	<u>17,383</u>	(D)	(D)	...	...
	Value of production...do....	299,876	20,467	38,333	58,349	82,411	28,942	<u>71,374</u>	(D)	(D)	...	...
	Capital expend., new...do....	1,012	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...
2321-04	Contractors:											
	Number of establishments....	384	10	6	27	80	82	133	33	12	1	...
	All employees:											
	Number.....	51,701	24	42	386	2,688	6,045	42,516	(D)	(D)	(D)	...
	Payroll.....\$1,000..	114,331	66	123	952	6,449	14,006	<u>92,735</u>	(D)	(D)	(D)	...
	Value added, adjusted...do....	136,728	127	230	1,408	7,973	16,935	<u>110,055</u>	(D)	(D)	(D)	...
	Value of production...do....	151,745	224	265	1,633	8,696	18,207	<u>122,720</u>	(D)	(D)	(D)	...
	Capital expend., new...do....	2,399	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<u>1,805</u>	(D)	(D)	(D)	...
2322	Men's and boys' underwear:											
	Number of establishments.....	91	7	4	7	19	16	21	14	2	1	...
	All employees:											
	Number.....	12,326	13	27	91	684	1,166	3,245	7,100	(D)	(D)	...
	Payroll.....\$1,000..	30,285	38	135	222	1,752	2,681	7,639	<u>17,818</u>	(D)	(D)	...
	Value added, adjusted...do....	51,621	62	255	291	2,486	4,818	12,627	<u>31,082</u>	(D)	(D)	...
	Value of production...do....	121,646	96	1,303	546	5,624	9,524	27,712	<u>76,841</u>	(D)	(D)	...
	Capital expend., new...do....	908	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	( <sup>1</sup> )	( <sup>1</sup> )	<u>658</u>	(D)	(D)	...

See footnotes at end of table.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2322-02	Manufacturers:											
	Number of establishments....	56	5	2	3	10	8	14	11	2	1	...
	All employees:											
	Number.....	9,407	70	(D)	(D)	361	2,864	(D)	6,112	(D)	(D)	...
	Payroll.....\$1,000..	23,308	193	(D)	(D)	905	6,912	(D)	15,298	(D)	(D)	...
	Value added, adjusted.do....	43,225	242	(D)	(D)	1,197	13,316	(D)	28,470	(D)	(D)	...
	Value of production...do....	103,777	663	(D)	(D)	2,949	32,017	(D)	68,148	(D)	(D)	...
2322-03	Jobbers:											
	Number of establishments....	5	...	2	...	1	...	...	2	...	...	...
	All employees:											
	Number.....	674	...	674	...	(D)	...	...	(D)	...	...	...
	Payroll.....\$1,000..	1,880	...	1,880	...	(D)	...	...	(D)	...	...	...
	Value added, adjusted.do....	2,147	...	2,147	...	(D)	...	...	(D)	...	...	...
	Value of production...do....	10,326	...	10,326	...	(D)	...	...	(D)	...	...	...
2322-04	Contractors:											
	Number of establishments....	30	2	...	4	8	8	7	1	...	...	...
	All employees:											
	Number.....	2,245	893	...	(D)	(D)	(D)	1,352	(D)	...	...	...
	Payroll.....\$1,000..	5,097	1,902	...	(D)	(D)	(D)	3,195	(D)	...	...	...
	Value added, adjusted.do....	6,249	2,336	...	(D)	(D)	(D)	3,913	(D)	...	...	...
	Value of production...do....	7,543	2,913	...	(D)	(D)	(D)	4,630	(D)	...	...	...
2323	Men's and boys' neckwear:											
	Number of establishments....	362	125	61	65	68	34	7	2	...	...	...
	All employees:											
	Number.....	7,734	268	423	936	2,004	2,355	1,748	(D)	...	...	...
	Payroll.....\$1,000..	26,835	871	1,336	2,959	6,849	8,812	6,008	(D)	...	...	...
	Value added, adjusted.do....	48,938	2,614	2,697	6,051	12,804	14,256	10,516	(D)	...	...	...
	Value of production...do....	102,405	6,546	6,153	12,738	25,377	31,059	20,532	(D)	...	...	...
2323-02	Manufacturers:											
	Number of establishments....	262	85	42	47	51	31	4	2	...	...	...
	All employees:											
	Number.....	6,061	180	291	673	1,451	3,466	(D)	(D)	...	...	...
	Payroll.....\$1,000..	21,933	490	858	2,091	5,138	13,356	(D)	(D)	...	...	...
	Value added, adjusted.do....	40,555	1,487	1,754	4,152	10,349	22,813	(D)	(D)	...	...	...
	Value of production...do....	85,848	3,270	3,912	8,710	21,139	48,817	(D)	(D)	...	...	...
2323-03	Jobbers:											
	Number of establishments....	34	19	6	5	3	1	...	...	...	...	...
	All employees:											
	Number.....	298	47	35	74	142	(D)	...	...	...	...	...
	Payroll.....\$1,000..	1,456	272	212	330	642	(D)	...	...	...	...	...
	Value added, adjusted.do....	3,589	891	556	1,077	1,065	(D)	...	...	...	...	...
	Value of production...do....	10,787	2,958	1,745	2,991	3,093	(D)	...	...	...	...	...
2323-04	Contractors:											
	Number of establishments....	66	21	13	13	14	2	3	...	...	...	...
	All employees:											
	Number.....	1,375	41	97	189	1,048	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	3,446	109	266	538	2,533	(D)	(D)	...	...	...	...
	Value added, adjusted.do....	4,794	236	387	822	3,349	(D)	(D)	...	...	...	...
	Value of production...do....	5,770	318	496	1,037	3,919	(D)	(D)	...	...	...	...
2327	Separate trousers:											
	Number of establishments....	748	170	112	99	113	93	105	48	7	1	...
	All employees:											
	Number.....	51,632	352	746	1,381	3,742	6,708	17,065	15,850	5,788	(D)	...
	Payroll.....\$1,000..	134,027	1,225	2,819	4,637	10,788	18,705	41,483	38,934	15,436	(D)	...
	Value added, adjusted.do....	209,050	6,288	6,987	10,074	18,160	25,405	64,725	54,108	23,303	(D)	...
	Value of production...do....	452,414	22,645	28,270	35,704	44,201	44,353	119,795	101,508	55,938	(D)	...
	Capital expend., new...do....	3,970	(1)	(1)	(1)	1,021	(1)	800	871	(1)	(D)	...
2327-02	Manufacturers:											
	Number of establishments....	258	68	26	36	34	28	33	26	6	1	...
	All employees:											
	Number.....	23,698	137	164	500	1,172	2,125	5,661	13,939	(D)	(D)	...
	Payroll.....\$1,000..	62,696	389	450	1,433	3,631	6,358	14,382	36,053	(D)	(D)	...
	Value added, adjusted.do....	102,364	2,407	1,699	3,724	6,014	8,748	25,121	54,651	(D)	(D)	...
	Value of production...do....	232,575	4,108	2,835	8,042	13,321	18,857	54,573	130,839	(D)	(D)	...

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2327-03	Jobbers:											
	Number of establishments....	148	64	42	21	12	5	4	...	...	...	...
	All employees:											
	Number.....	2,146	134	285	302	336	350	739	...	...	...	...
	Payroll.....\$1,000..	9,507	629	1,592	1,838	1,920	1,291	2,237	...	...	...	...
	Value added, adjusted.do....	28,213	3,432	4,106	4,336	5,807	2,599	7,933	...	...	...	...
	Value of production...do....	126,461	18,015	24,085	25,452	23,464	9,506	25,939	...	...	...	...
2327-04	Contractors:											
	Number of establishments....	342	38	44	42	67	60	68	22	1	...	...
	All employees:											
	Number.....	25,788	81	297	579	2,234	4,233	10,665	7,699	(D)	...	...
	Payroll.....\$1,000..	61,824	207	777	1,366	5,237	11,056	24,864	18,317	(D)	...	...
	Value added, adjusted.do....	78,473	449	1,182	2,014	6,339	14,058	31,671	22,760	(D)	...	...
	Value of production...do....	93,378	522	1,350	2,210	7,416	15,990	39,283	26,607	(D)	...	...
2328	Work clothing:											
	Number of establishments.....	500	31	29	44	81	101	130	67	17	...	...
	All employees:											
	Number.....	64,780	64	190	601	2,690	7,393	21,177	22,391	10,274	...	...
	Payroll.....\$1,000..	154,834	173	655	1,728	6,905	17,890	50,050	52,483	24,950	...	...
	Value added, adjusted...do....	255,481	538	1,330	4,093	12,583	31,369	79,920	85,881	39,767	...	...
	Value of production...do....	689,819	3,857	5,319	21,589	29,106	72,447	213,555	214,739	109	...	...
	Capital expend., new...do....	3,452	15	35	75	142	348	1,186	1,107	544	...	...
2328-02	Manufacturers:											
	Number of establishments....	315	18	16	26	45	63	85	48	14	...	...
	All employees:											
	Number.....	45,543	38	105	363	1,490	4,648	14,076	24,823	(D)	...	...
	Payroll.....\$1,000..	109,423	78	292	937	3,704	11,435	33,694	59,283	(D)	...	...
	Value added, adjusted.do....	189,193	277	587	1,523	6,136	19,332	55,460	105,878	(D)	...	...
	Value of production...do....	512,519	827	1,360	3,441	14,512	48,337	153,591	290,451	(D)	...	...
2328-03	Jobbers:											
	Number of establishments....	37	8	6	7	5	4	5	...	2	...	...
	All employees:											
	Number.....	2,464	14	38	85	165	310	1,852	...	(D)	...	...
	Payroll.....\$1,000..	9,640	68	253	425	599	1,399	6,896	...	(D)	...	...
	Value added, adjusted.do....	23,781	217	584	2,121	3,146	5,934	11,779	...	(D)	...	...
	Value of production...do....	129,660	2,981	3,784	17,580	10,949	17,236	77,130	...	(D)	...	...
2328-04	Contractors:											
	Number of establishments....	148	5	7	11	31	34	40	19	1	...	...
	All employees:											
	Number.....	16,773	12	47	153	1,035	2,435	13,091	(D)	(D)	...	...
	Payroll.....\$1,000..	35,771	27	110	366	2,602	5,056	27,610	(D)	(D)	...	...
	Value added, adjusted.do....	42,507	44	159	449	3,301	6,103	32,451	(D)	(D)	...	...
	Value of production...do....	47,640	49	175	568	3,645	6,874	36,329	(D)	(D)	...	...
2329	Men's and boys' clothing, nec:											
	Number of establishments.....	539	78	66	71	103	118	88	13	2	...	...
	All employees:											
	Number.....	32,392	179	411	979	3,269	8,221	13,809	5,524	(D)	...	...
	Payroll.....\$1,000..	93,119	598	1,422	3,310	9,860	24,282	38,813	14,834	(D)	...	...
	Value added, adjusted.do....	149,951	2,711	5,566	6,738	15,789	34,166	57,650	27,331	(D)	...	...
	Value of production...do....	365,963	9,989	20,232	21,108	39,037	72,525	113,065	90,007	(D)	...	...
	Capital expend., new...do....	2,359	(1)	(1)	(1)	(1)	(1)	910	(1)	(D)	...	...
2329-02	Manufacturers:											
	Number of establishments....	299	46	45	39	50	61	46	10	2	...	...
	All employees:											
	Number.....	18,808	108	278	525	1,623	4,275	7,367	4,632	(D)	...	...
	Payroll.....\$1,000..	55,014	288	730	1,643	4,809	13,802	22,098	11,644	(D)	...	...
	Value added, adjusted.do....	90,811	800	1,877	3,467	8,163	20,468	36,810	19,226	(D)	...	...
	Value of production...do....	205,267	2,016	4,948	8,396	17,874	46,684	79,153	46,196	(D)	...	...

See footnotes at end of table.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2329-03	Jobbers:											
	Number of establishments....	68	26	18	8	10	3	2	1	...	...	...
	All employees:											
	Number.....	1,333	59	111	112	308	743	(D)	(D)	...	...	...
	Payroll.....\$1,000..	6,885	281	641	824	1,266	3,873	(D)	(D)	...	...	...
	Value added, adjusted.do....	20,758	1,840	3,614	2,038	2,803	10,463	(D)	(D)	...	...	...
2329-04	Contractors:											
	Number of establishments....	172	6	3	24	43	54	40	2	...	...	...
	All employees:											
	Number.....	12,251	12	22	342	1,338	10,537	(D)	(D)	...	...	...
	Payroll.....\$1,000..	31,220	29	51	843	3,785	26,512	(D)	(D)	...	...	...
	Value added, adjusted.do....	38,382	71	75	1,233	4,823	32,180	(D)	(D)	...	...	...
	Value of production...do....	43,119	86	79	1,463	5,231	36,260	(D)	(D)	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding. <sup>r</sup>Revised.<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Products Made, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the values of products representing the largest amount considered as primary to an industry. Frequently the establishment's production comprises mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are made by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of production					Value of primary product production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. G Col. F (percent)		
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
2311	Men's and boys' suits and coats.....1958..	1,295,362	969,233	75,578	250,551	93	1,000,924	969,233	31,691	97
		1,172,979	893,744	92,326	186,909	91	927,149	893,744	33,405	96
2321	Men's dress shirts and nightwear.....1958..	<sup>r</sup> 967,223	<sup>r</sup> 704,211	<sup>r</sup> 81,270	181,742	90	<sup>r</sup> 864,135	<sup>r</sup> 704,211	159,924	<sup>3</sup> 81
		923,577	699,850	72,636	151,091	91	827,416	699,850	127,566	85
2322	Men's and boys' underwear.....1958..	121,646	97,926	12,589	11,131	89	<sup>r</sup> 260,974	97,926	<sup>r</sup> 163,048	<sup>3</sup> 38
		86,282	60,011	7,837	18,434	88	214,315	60,011	154,304	28
2323	Men's and boys' neckwear.....1958..	102,405	87,601	3,054	11,750	97	89,714	87,601	2,113	98
		107,556	92,959	2,024	12,573	98	101,280	92,959	8,321	92
2327	Separate trousers.....1958..	452,414	310,456	37,162	104,796	89	436,259	310,456	125,803	71
		402,055	275,049	32,341	94,665	89	369,082	275,049	94,033	75
2328	Work clothing <sup>4</sup> .....1958..	689,819	497,283	95,622	96,914	84	526,141	497,283	28,858	95
		(NA)	(NA)	(NA)	(NA)	(NA)	495,099	(NA)	(NA)	(NA)
2329	Men's and boys' clothing, nec <sup>4</sup> ..1958..	365,963	247,428	69,060	49,475	78	<sup>3</sup> 436,983	247,428	189,555	<sup>3</sup> 57
		(NA)	(NA)	(NA)	(NA)	(NA)	315,974	(NA)	(NA)	(NA)

<sup>r</sup>Revised.

The specialization ratio compares the given industry's production of its primary products to its total production of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total production of products primary to the given industry are made by establishments classified in that industry.

<sup>3</sup>Includes products of Knitting Mills (SIC Group 225), which are primary to Industries 2253 and 2254. See text for more detailed discussion.

<sup>4</sup>See footnote 11 of table 1.

Table 5B.—Industry-Product Analysis—Production by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of production of the primary products of the industry made by all manufacturing industries.)

Prod. class code	Men's and boys' suits and coats industry	Men's and boys' suits and coats (SIC 2311)		Separate trousers (SIC 2327)	Men's and boys' outerwear (SIC 2329)	Other industries	All industries		
	Total value of production.....	1,295,362		xxx	xxx	xxx	xxx		
2311-	Men's and boys' suits and coats.....	969,233		7,508	11,904	12,279	1,000,924		
23111	Men's suits.....	627,306		1,236	510	584	629,636		
23112	Men's overcoats and topcoats.....	124,645		560	1,380	2,427	129,012		
23113	Men's tailored dress and sport coats and jackets.....	129,886		3,876	6,663	6,923	147,348		
23114	Boys' suits, coats, and overcoats.....	69,513		1,836	3,351	2,168	76,868		
23110	Men's and boys' suits and coats, nsk.....	17,883		...	...	177	18,060		
	Secondary products.....	75,578		xxx	xxx	xxx	xxx		
23271	Men's and boys' trousers.....	47,359		xxx	xxx	xxx	xxx		
23291	Men's and boys' heavy outerwear jackets.....	8,652		xxx	xxx	xxx	xxx		
	Other secondary products.....	19,567		xxx	xxx	xxx	xxx		
	Miscellaneous receipts.....	250,551		xxx	xxx	xxx	xxx		
	Contract and commission receipts.....	216,196		xxx	xxx	xxx	xxx		
	Resales.....	32,728		xxx	xxx	xxx	xxx		
	Other miscellaneous receipts.....	1,627		xxx	xxx	xxx	xxx		
Prod. class code	Men's dress shirts and nightwear industry	Men's dress shirts and nightwear (SIC 2321)	Men's and boys' underwear (SIC 2322)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Men's and boys' clothing, nec (SIC 2329)	Knitting mills (Group 225)	Other industries	All industries
	Total value of production.....	1,967,223	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Men's dress shirts and nightwear.....	1,704,211	6,447	6,058	14,473	20,097	90,196	22,653	1,864,135
23212	Men's and boys' knit outerwear shirts.....	34,498	3,609	(D)	...	(D)	80,202	(D)	128,865
23214	Men's and boys' woven dress and sport shirts.....	606,871	(D)	5,967	14,423	(D)	2,944	(D)	656,472
23215	Men's and boys' nightwear (knit and woven).....	62,842	(D)	(D)	50	(D)	7,050	(D)	78,798
	Secondary products.....	181,270	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23221	Men's and boys' underwear.....	18,072	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2328-	Work clothing.....	3,837	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23291	Men's and boys' heavy outerwear jackets.....	18,178	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23292	Men's and boys' other outerwear, nec.....	2,462	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23317	Women's woven fabric blouses.....	19,293	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	29,428	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	181,742	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	156,006	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	25,237	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	499	xxx	xxx	xxx	xxx	xxx	xxx	xxx
Prod. class code	Men's and boys' underwear industry	Men's and boys' underwear (SIC 2322)	Men's dress shirts and nightwear (SIC 2321)	Women's and children's underwear (SIC 2341)	Knitting mills (Group 225)	Other industries	All industries		
	Total value of production.....	121,646	xxx	xxx	xxx	xxx	xxx		
23220	Men's and boys' underwear made of knit and woven fabrics.....	97,926	18,072	3,703	147,487	3,786	1,260,974		
	Secondary products.....	12,589	xxx	xxx	xxx	xxx	xxx		
23212	Men's and boys' knit outerwear shirts (made from purchased knit fabric).....	3,609	xxx	xxx	xxx	xxx	xxx		
	Other secondary products.....	8,980	xxx	xxx	xxx	xxx	xxx		
	Miscellaneous receipts.....	11,131	xxx	xxx	xxx	xxx	xxx		
	Contract and commission work.....	7,854	xxx	xxx	xxx	xxx	xxx		
	Other miscellaneous receipts (primarily resales).....	3,277	xxx	xxx	xxx	xxx	xxx		
Prod. class code	Men's and boys' neckwear industry	Men's and boys' neckwear (SIC 2323)			Other industries		All industries		
	Total value of production.....	102,405			xxx		xxx		
23230	Men's and boys' neckwear.....	87,601			2,113		89,714		
	Secondary products.....	3,054			xxx		xxx		
	Miscellaneous receipts.....	11,750			xxx		xxx		
	Resales.....	5,912			xxx		xxx		
	Other miscellaneous receipts (primarily contract and commission receipts).....	5,838			xxx		xxx		

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Production by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Separate trousers industry	Separate trousers (SIC 2327)	Men's and boys' suits and coats (SIC 2311)	Work clothing (SIC 2328)	Men's and boys' clothing, nec (SIC 2329)	Women's outerwear, nec (SIC 2339)	Other industries	All industries		
23271	Total value of production.....	452,414	xxx	xxx	xxx	xxx	xxx	xxx		
	Men's and boys' separate trousers, except work.....	310,456	47,359	38,792	16,309	6,090	17,253	436,259		
	Secondary products.....	37,162	xxx	xxx	xxx	xxx	xxx	xxx		
23113	Men's tailored dress and sport coats and jackets...	3,876	xxx	xxx	xxx	xxx	xxx	xxx		
23214	Men's and boys' woven dress and sport shirts.....	5,967	xxx	xxx	xxx	xxx	xxx	xxx		
23282	Men's and boys' work clothing, except work shirts and washable service apparel.....	9,513	xxx	xxx	xxx	xxx	xxx	xxx		
23291	Men's and boys' heavy outerwear jackets.....	3,463	xxx	xxx	xxx	xxx	xxx	xxx		
	Other secondary products.....	14,343	xxx	xxx	xxx	xxx	xxx	xxx		
	Miscellaneous receipts.....	104,796	xxx	xxx	xxx	xxx	xxx	xxx		
	Contract and commission receipts.....	96,166	xxx	xxx	xxx	xxx	xxx	xxx		
	Resales.....	8,295	xxx	xxx	xxx	xxx	xxx	xxx		
	Other miscellaneous receipts.....	335	xxx	xxx	xxx	xxx	xxx	xxx		
Prod. class code	Work clothing industry	Work clothing (SIC 2328)	Men's and boys shirts and nightwear (SIC 2321)	Men's and boys' trousers (SIC 2327)	Men's and boys' clothing, nec (SIC 2329)	Women's outerwear (SIC 2339)	Other industries	All industries		
2328-	Total value of production.....	689,819	xxx	xxx	xxx	xxx	xxx	xxx		
23281	Work clothing.....	497,283	3,837	10,261	4,951	3,386	6,423	526,141		
23281	Men's and boys' work shirts.....	71,493	(D)	748	985	(D)	1,535	78,304		
23282	Men's and boys' work clothing (except work shirts) and washable service apparel.....	425,790	(D)	9,513	3,966	(D)	4,888	447,837		
	Secondary products.....	95,622	xxx	xxx	xxx	xxx	xxx	xxx		
23214	Men's and boys' woven dress and sport shirts.....	14,423	xxx	xxx	xxx	xxx	xxx	xxx		
23271	Men's and boys' separate trousers.....	38,792	xxx	xxx	xxx	xxx	xxx	xxx		
23392	Women's, misses', and juniors' washable service apparel.....	8,341	xxx	xxx	xxx	xxx	xxx	xxx		
23393	Women's, misses', and juniors', outerwear, nec.....	13,912	xxx	xxx	xxx	xxx	xxx	xxx		
23690	Girls', children's, and infants' outerwear, nec...	13,926	xxx	xxx	xxx	xxx	xxx	xxx		
	Other secondary products.....	6,228	xxx	xxx	xxx	xxx	xxx	xxx		
	Miscellaneous receipts.....	96,914	xxx	xxx	xxx	xxx	xxx	xxx		
	Contract and commission receipts.....	55,995	xxx	xxx	xxx	xxx	xxx	xxx		
	Resales.....	38,810	xxx	xxx	xxx	xxx	xxx	xxx		
	Other miscellaneous receipts.....	2,109	xxx	xxx	xxx	xxx	xxx	xxx		
Prod. class code	Men's and boys' clothing, nec, industry	Men's and boys' clothing, nec (SIC 2329)	Men's and boys' suits and coats (SIC 2311)	Men's dress shirts and nightwear (SIC 2321)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Women's outerwear (SIC 2339)	Knitting mills (Group 225)	Other industries	All industries
	Total value of production.....	365,963	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Primary products.....	247,428	10,183	20,640	4,664	4,191	9,101	123,652	17,124	<sup>1</sup> 436,983
23291	Men's and boys' heavy outerwear coats and jackets.	170,083	8,652	18,178	3,463	4,191	511	2,064	5,528	212,670
23292	Men's and boys' outerwear, nec.....	62,356	1,531	2,462	1,201	...	8,590	<sup>1</sup> 121,588	11,027	<sup>1</sup> 208,755
23290	Men's and boys' clothing, nec, nsk.....	14,989	...	...	...	...	...	...	569	15,558
	Secondary products.....	69,060	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23113	Men's tailored dress and sport coats.....	6,663	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23114	Boys' suits, coats, and overcoats.....	3,351	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2321-	Men's and boys' shirts, knit and woven, and nightwear.....	20,097	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23271	Separate trousers.....	16,309	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2328-	Work clothing.....	4,951	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23690	Girls' and children's outerwear, nec.....	2,905	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	14,784	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	49,475	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	43,080	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	6,068	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	327	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Revised.<sup>1</sup>Value of men's and boys' knit apparel made in knitting mills (products primary to Industry 2253, Knit Outerwear Mills and Industry 2254, Knit Underwear Mills) is included in these values.

Table 6A.--Quantity and Value of Products Made by All Producers,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958 <sup>2</sup>		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2311---	Men's and boys' suits, coats, and overcoats, total.....		xxx	1,000,924	xxx	927,149
23111--	Men's suits.....		xxx	629,636	xxx	<sup>5</sup> 601,888
2311111	Men's suits, except ski, slack, snow, and uniform.....	1,000 units	17,932	591,098	18,152	582,745
	Regular-weight suits (made of fabric over 11 oz. per yard).....	..do.....	11,566	591,098	13,284	448,873
	50 percent or more wool.....	..do.....	10,395		12,486	431,649
	Other, including man-made fibers.....	..do.....	1,171		798	17,224
	Mid-weight suits (made of fabric between 9-11 oz. per yard).....	..do.....	2,180		<sup>3</sup> 4,868	<sup>3</sup> 133,872
	50 percent or more wool.....	..do.....	1,453		<sup>3</sup> 1,723	<sup>3</sup> 59,444
	Other, including man-made fibers.....	..do.....	727		<sup>3</sup> 3,145	<sup>3</sup> 74,428
	Light-weight suits (made of fabric less than 9 oz. per yard).....	..do.....	<sup>r</sup> 4,186		( <sup>3</sup> )	( <sup>3</sup> )
	50 percent or more wool.....	..do.....	<sup>r</sup> 1,358		( <sup>3</sup> )	( <sup>3</sup> )
	50 percent or more man-made fibers.....	..do.....	<sup>r</sup> 2,059		( <sup>3</sup> )	( <sup>3</sup> )
	All other fabrics.....	..do.....	769		( <sup>3</sup> )	( <sup>3</sup> )
2311175	Men's uniform suits <sup>4</sup> .....	..do.....	1,763	38,538	628	14,138
2311100	Men's suits, nsk.....	..do.....	xxx	...	xxx	<sup>5</sup> 5,005
23112--	Men's overcoats and topcoats.....		xxx	129,012	xxx	<sup>5</sup> 127,651
2311212	Men's overcoats, topcoats, and tailored car and suburban coats, except uniform.....	1,000 units	<sup>r</sup> 4,870	121,397	4,499	125,206
	Overcoats (outer fabric over 22 oz. per yard).....	..do.....	391	121,397	573	21,322
	Topcoats, including reversibles, zipper-lined finger-tip and water repellent wool topcoats (outer fabric under 22 oz. per yard).....	..do.....	<sup>r</sup> 3,123		3,889	102,967
	Storm coats.....	..do.....	29		37	917
	Tailored suburban and car coats.....	..do.....	1,327		( <sup>6</sup> )	( <sup>6</sup> )
	Men's uniform overcoats and topcoats <sup>4</sup> .....	..do.....	310		46	1,836
2311200	Men's overcoats and topcoats, nsk.....	..do.....	xxx	...	xxx	<sup>5</sup> 609
23113--	Men's tailored dress and sport coats and jackets.....		xxx	147,348	xxx	<sup>5</sup> 108,152
2311312	Men's tailored dress and sport coats and jackets, including tailored leisure jackets, except uniform.....	1,000 units	<sup>r</sup> 8,470	133,094	5,743	95,346
2311375	Men's separate tailored uniform coats and jackets <sup>4</sup> .....	..do.....	1,244	14,254	453	10,363
2311300	Men's tailored dress and sport coats and jackets, nsk.....	..do.....	xxx	...	xxx	<sup>5</sup> 2,443
23114--	Boys' suits, coats, and tailored jackets.....		xxx	76,868	xxx	<sup>5</sup> 65,727
2311411	Boys' suits (including students' and cadets'), excluding wash suits.....	1,000 units	3,532	38,042	3,317	37,273
	50 percent or more wool.....	..do.....	1,736	38,042	3,317	37,273
	50 percent or more man-made fibers.....	..do.....	1,052			
	All other fabrics.....	..do.....	745			
2311431	Boys' topcoats, overcoats, and tailored suburban and car coats (including students' and cadets').....	..do.....	1,363	16,173	1,222	11,631
2311451	Boys' tailored dress and sport coats, including sport and leisure jackets (including students' and cadets').....	..do.....	3,119	22,653	2,209	16,823
2311000	Men's and boys' suits, coats, and overcoats, nsk.....	..do.....	xxx	<sup>7</sup> 18,060	xxx	<sup>7</sup> 23,731
2321---	Men's and boys' shirts (except work shirts), and nightwear, total.....		xxx	<sup>r</sup> 864,135	xxx	827,416
2321261	Men's and boys' knit outerwear sport shirts, including sweat shirts.....	1,000 dozen	11,286	128,865	12,082	109,838
22532pt.						
2253212			(NA)	80,202	(NA)	(NA)
2321261			(NA)	48,663	(NA)	(NA)
	Men's knit outerwear shirts, except sweat shirts.....	1,000 dozen	5,416	128,865	6,387	58,435
	Men's sweat shirts.....	..do.....	1,620		1,515	18,350
	Boys' knit outerwear shirts, except sweat shirts.....	..do.....	3,681		3,986	31,119
	Boys' sweat shirts.....	..do.....	569		194	1,934
23214--	Men's and boys' woven dress and sport shirts, including uniform (excluding work shirts).....		xxx	656,472	xxx	634,001
2321412	Men's.....	1,000 dozen	<sup>8</sup> 21,275	544,259	<sup>8</sup> 20,479	<sup>8</sup> 525,931
	Dress and business shirts.....	..do.....	<sup>8</sup> 6,513	544,259	<sup>8</sup> 8,181	<sup>8</sup> 216,928
	Sport shirts.....	..do.....	14,762		12,298	309,003
	Chiefly cotton.....	..do.....	11,018		7,027	161,305
	Chiefly rayon and acetate.....	..do.....	3,189		4,240	113,079
	Other fabrics, including wool.....	..do.....	555		1,031	34,619

See footnotes at end of table.



Table 6A.--Quantity and Value of Products Made by All Producers,  
for the United States: 1958 and 1954--Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958 <sup>2</sup>		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2321--- 23214-- 2321414	Men's and boys' shirts (except work shirts), and nightwear--Continued Men's and boys' woven dress and sport shirts, including uniform (excluding work shirts)--Continued Boys' (sizes 4-20).....	1,000 dozen	86,718	112,213	86,690	8103,421
	Dress shirts.....	...do....	8844	112,213 {	81,081	816,982
	Sport shirts.....	...do....	5,874		5,609	86,439
2321400	Men's and boys' woven dress and sport shirts, nsk.....	.....	xxx	...	xxx	4,649
23215--	Men's and boys' nightwear.....	.....	xxx	r78,798	xxx	76,003
	Men's and boys' nightwear made from knit fabrics.....	1,000 dozen	439	10,925	328	6,174
2254122 2321512	Made in knitting mills.....	.....	(NA)	7,050	(NA)	(NA)
	Made in cut-and-sew shops.....	.....	(NA)	3,875	(NA)	(NA)
2321516	Men's and boys' nightwear made from woven fabrics.....	1,000 dozen	2,908	r67,873	2,877	69,829
	Men's pajamas and other nightwear.....	...do....	2,048	r67,873 {	2,306	59,315
	Boys' pajamas and other nightwear.....	...do....	860		571	10,514
2321000	Men's dress and sport shirts and nightwear, nsk.....	.....	xxx	...	xxx	7,574
2322--- 2322112	Men's and boys' underwear, total.....	.....	xxx	r260,974	xxx	214,315
	Men's and boys' underwear made from knit fabric.....	.....	xxx	r203,069	xxx	151,426
2254112 2322112	Made in knitting mills.....	.....	xxx	147,487	xxx	(NA)
	Made in cut-and-sew shops.....	.....	xxx	r55,582	xxx	(NA)
	Union suits:					
2322121 2322125	Men's and boys' heavyweight.....	1,000 dozen	377	}	617	11,233
	Men's and boys' lightweight.....	...do....	162		305	4,234
	Undershirts made from knit cotton and/or wool fabrics:					
2322131 2322133	Men's and boys' heavyweight and mediumweight, including balbriggan.....	...do....	455	}	450	6,756
	Men's and boys' lightweight, with 1/4 sleeves, including T-shirts used as undershirts.....	...do....	11,189		6,858	38,914
2322135 2322137	Men's sleeveless athletic type.....	...do....	5,481	}	6,599	25,484
	Boys' sleeveless athletic type.....	...do....	582		1,381	4,140
	Drawers made from knit cotton and/or wool fabrics:					
2322141 2322145	Men's and boys' drawers, except supporter-type.....	...do....	632	r203,069 {	425	6,677
	Men's and boys' drawers, supporter-type, including half-, knee-, and full length.....	...do....	493		764	6,706
	Shorts and briefs made from knit cotton and/or wool fabrics:					
2322151 2322155 2322157	Men's and boys' knit shorts (loose-leg, nonsupporter-type).....	...do....	846	}	653	2,939
	Men's briefs, supporter-type.....	...do....	6,928		5,208	27,823
	Boys' briefs, supporter-type.....	...do....	5,147	}	3,650	13,206
2322160	Men's and boys' knit underwear made from all other knit fabrics.....	...do....	164		669	3,314
2322141	Men's and boys' underwear made from woven fabrics.....	...do....	9,499	57,905	10,229	60,946
2322111 2322115	Men's undershorts.....	...do....	8,924	57,905 {	9,728	58,097
	Boys' undershorts (sizes 4-20).....	...do....	532		427	1,756
	Men's and boys' union suits.....	...do....	43		74	1,093
2322100	Men's and boys' underwear, nsk.....	.....	xxx	...	xxx	1,943
2323--- 2323021 2323025 2323029	Men's and boys' neckwear, total.....	.....	xxx	89,714	xxx	101,280
	Woven neckties, including printed.....	1,000 dozen	7,440	71,650	10,386	93,339
	All silk.....	...do....	2,252	31,018	10,386	93,339
	All rayon and acetate.....	...do....	4,215	32,453		
	All other fabrics.....	...do....	973	8,179		
2323031	Woven mufflers and scarfs.....	...do....	112	1,502	(NA)	3,005
	Quantity reported.....	...do....	112	1,502	115	1,918
	Quantity not reported.....	.....	...	...	(NA)	1,087
2323041	Knit neckties, mufflers, and scarfs.....	1,000 dozen	365	3,054	(NA)	4,936
	Quantity reported.....	...do....	365	3,054	507	3,203
	Quantity not reported.....	.....	...	...	(NA)	1,733
2323000	Men's and boys' neckwear, nsk.....	.....	xxx	13,508	xxx	...

See footnotes at end of table.

Table 6A.--Quantity and Value of Products Made by All Producers,  
for the United States: 1958 and 1954--Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958 <sup>2</sup>		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2327---	Men's and boys' separate dress and sport trousers, total.....	.....	xxx	436,259	xxx	369,082
	Separate trousers, pants, slacks, and short pants, excluding uniform.....	1,000 units	r 113,806	414,668	77,184	340,125
2327112	Men's.....	..do....	r 73,404	321,135	56,088	284,836
	50 percent or more wool.....	..do....	16,155	321,135	16,032	127,786
	Chiefly rayon and other man-made fibers.....	..do....	30,805		31,008	130,372
	Chiefly cotton.....	..do....	26,444		9,048	26,678
2327114	Boys'.....	..do....	40,402	93,533	21,096	55,289
	Dress and sport trousers, except outerwear shorts.....	..do....	34,828	93,533	18,240	51,196
	50 percent or more wool.....	..do....	4,074		18,240	51,196
	Other fabrics.....	..do....	30,754			
	Outerwear dress shorts and short pants.....	..do....	5,574		2,856	4,093
2327151	Men's and boys' separate uniform trousers.....	..do....	3,411	21,591	5,316	19,488
2327000	Men's and boys' separate dress and sport trousers, nsk.....	.....	xxx	...	xxx	9,469
2328---	Work clothing, total.....	.....	xxx	526,141	xxx	495,099
23281--	Men's and boys' work shirts.....	1,000 dozen	4,147	78,304	5,290	90,450
	Men's.....	..do....	3,811	78,304	4,754	82,364
	Boys'.....	..do....	336		536	8,086
23282--	Men's and boys' work clothing (excluding work shirts) and washable service apparel.....	.....	xxx	447,837	xxx	404,649
	Work pants, excluding dungarees, overalls, and waterproof pants:					
	Men's.....	1,000 dozen	5,538		4,908	135,530
	Boys'.....	..do....	486		402	9,005
	Dungarees and waistband overalls:					
	Men's.....	..do....	2,881		4,025	86,727
	Boys'.....	..do....	4,570		4,006	69,190
	Bib overalls:					
	Men's.....	..do....	883	447,837	1,078	33,301
	Boys'.....	..do....	128		164	3,022
	Men's overall and work jackets.....	..do....	463		510	15,305
	Men's one-piece work suits and coveralls, excluding waterproof and flight clothing.....	..do....	436		9466	921,356
	Men's washable service apparel.....	..do....	1,293		1,441	25,812
	Men's and boys' work clothing (excluding work shirts), nsk.....	.....	...		xxx	5,401
2329---	Men's and boys' clothing, nec, total.....	.....	xxx	436,983	xxx	315,974
23291--	Men's and boys' heavy outerwear coats and jackets.....	.....	xxx	212,670	xxx	167,768
	Heavy outerwear jackets, including mackinaws, lumber jackets, and blanket-lined jackets:					
	Men's.....	1,000 dozen	803		814	67,126
	Boys'.....	..do....	749		571	34,080
	Other outerwear jackets, excluding tailored jackets:			212,670		
	Men's.....	..do....	781		757	42,028
	Boys'.....	..do....	565		615	21,187
	Men's or boys', nsk.....	..do....	62		...	...
2329100	Men's and boys' heavy outerwear coats and jackets, nsk.....	.....	xxx	...	xxx	3,347
23292--	Men's and boys' outerwear, nec.....	.....	xxx	208,755	xxx	128,526
2329212	Swimwear and athletic shorts made from woven fabric.....	1,000 dozen	1,305	27,937	1,324	25,669
	Men's swimwear:					
	Elastic woven fabrics.....	..do....	175			
	Other than elastic woven fabric, except knit.....	..do....	587			
	Boys' woven fabric swimwear.....	..do....	349	27,937	1,324	25,669
	Athletic shorts, woven fabrics:					
	Men's.....	..do....	63			
	Boys'.....	..do....	131			
2329241	Other outerwear, nec, made from woven fabric (including slack suits, ski and snow pants, and leggings and wash suits).....	.....	xxx	37,651	xxx	10,786
2253112 } 2329261 }	Men's and boys' sweaters.....	1,000 dozen	3,375	122,624	1,638	63,720
2253112 2329261	Made in knitting mills.....	.....	(NA)	108,678	(NA)	(NA)
	Made in cut-and-sew shops.....	.....	(NA)	13,946	(NA)	(NA)
	Men's sweaters, by fiber.....	1,000 dozen	2,341	122,624	1,211	52,141
	All wool.....	..do....	1,078		805	36,272
	Acrylic fibers.....	..do....	606		406	15,869
	All other yarns and mixtures.....	..do....	657			
	Boys' sweaters, by fiber.....	..do....	1,034		426	11,579
	All wool.....	..do....	152		221	7,574
	Acrylic fibers.....	..do....	513		206	4,005
	All other yarns and mixtures.....	..do....	369			

See footnotes at end of table.



Table 6A.--Quantity and Value of Products Made by All Producers,  
for the United States: 1958 and 1954--Continued

Product code	Product	Unit of measure	Total production <sup>1</sup>			
			1958 <sup>2</sup>		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2329---	Men's and boys' clothing, nec--Continued					
23292--	Men's and boys' outerwear, nec--Continued					
2329281	Men's and boys' other knit outerwear, nec, including knit swimwear.....		xxx	16,784	xxx	2,606
2253341						
2253341			xxx	9,997	xxx	(NA)
2329281	Made in knitting mills.....		xxx	6,787	xxx	(NA)
2329200	Made in cut-and-sew shops.....		xxx		xxx	
	Men's and boys' other outerwear, made from woven or purchased knit fabric, nsk.....		xxx	3,759	xxx	25,745
2329000	Men's and boys' outerwear, nec, nsk <sup>10</sup> .....		xxx	15,558	xxx	19,680

NA Not available. <sup>1</sup>Revised.

<sup>1</sup>Represents cuttings of garments made by or for companies from their own materials. See text for more detailed discussion. Products manufactured by facilities operated by the Department of Defense or at Federal, District of Columbia, and State prisons, however, are excluded, but will be shown in a special report on manufacturing activity in Government establishments.

<sup>2</sup>Except for Industry 2323, Men's and Boys' Neckwear, value data were collected in the 1958 Census of Manufactures while quantity figures were obtained in the Current Industrial Reports Series MA23A. In a number of instances the figures for 1958 were revised from information collected in the 1959 Annual MA23A survey.

<sup>3</sup>For 1954, men's lightweight suits by type of fabric were included with men's mediumweight suits.

<sup>4</sup>For both 1958 and 1954, the quantity and value of boys' tailored uniform clothing are included with men's tailored uniform clothing. In addition, these data exclude the production of uniform clothing made on contract by private concerns from materials owned by the United States Government.

<sup>5</sup>For 1954, the figures for men's suits, not specified by kind, men's overcoats and topcoats, not specified by kind, and men's tailored dress and sport coats, not specified by kind, include an indeterminate amount of boys' production of these items.

<sup>6</sup>For 1954, data on tailored suburban and car coats were not published separately, but depending upon the fabric weight, were included in overcoats or topcoats.

<sup>7</sup>Represents values reported by companies in insufficient detail to permit classification of their products. These figures most probably include a substantial amount of contract and commission receipts.

<sup>8</sup>A small amount of boys' uniform shirts is included with men's dress and business shirts.

<sup>9</sup>For 1954, includes all other work clothing amounting to 6 thousand dozen valued at \$202 thousand.

<sup>10</sup>For both 1954 and 1958, the figures include an indeterminate amount of men's and boys' work clothing (except work shirts) and washable service apparel.

Table 6B.--Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of production is more than \$1 million and the figure does not disclose individual company information. Additional States which had production of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of production	Product class, region, and State	Value of production	Product class, region, and State	Value of production
<b>Men's suits (23111):</b>		<b>Men's coats and overcoats (23112):</b>		<b>Men's tailored sport coats and jackets (23113)--Continued</b>	1958 <sup>1</sup>
United States, total:		United States, total:			
1958.....	629,636	1958.....	129,012	East North Central.....	15,124
1954.....	601,888	1954.....	127,651	Ohio.....	8,285
	1958 <sup>1</sup>		1958 <sup>1</sup>	Illinois.....	5,504
New England.....	23,791	New England.....	21,775	West North Central.....	4,991
Massachusetts.....	23,063	Middle Atlantic.....	64,323	Minnesota.....	3,102
Middle Atlantic.....	325,357	New York.....	44,523	South Atlantic.....	22,552
New York.....	200,670	New Jersey.....	2,597	Maryland.....	13,112
New Jersey.....	13,324	Pennsylvania.....	17,203	Georgia.....	7,480
Pennsylvania.....	111,363	East North Central.....	22,080	East South Central.....	11,804
East North Central.....	95,923	Ohio.....	12,816	Tennessee.....	6,449
Ohio.....	41,510	Illinois.....	7,743	West South Central.....	4,122
Illinois.....	52,672	West North Central.....	11,699	Texas.....	3,575
West North Central.....	7,272	South Atlantic.....	5,999	Pacific.....	10,570
Missouri.....	6,678	East South Central.....	2,351	California.....	9,134
South Atlantic.....	110,864	<b>Men's tailored sport coats and jackets (23113):</b>	Value of production		Value of production
Maryland.....	84,186	United States, total:			
East South Central.....	34,651	1958.....	147,348	<b>Boys' suits, coats, and tailored jackets (23114):</b>	
Kentucky.....	20,638	1954.....	108,152	United States, total:	
West South Central.....	17,675		1958 <sup>1</sup>	1958.....	76,868
Louisiana.....	9,054	New England.....	6,832	1954.....	65,727
Mountain.....	1,047	Middle Atlantic.....	71,226		1958 <sup>1</sup>
Pacific.....	13,056	New York.....	39,415		
		New Jersey.....	3,850	New England.....	9,839
		Pennsylvania.....	27,961		

See footnotes at end of table.

Table 6B.-Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years-Continued

Product class, region, and State	Value of production		Product class, region, and State	Value of production		Product class, region, and State	Value of production	
<u>Boys' suits, coats, and tailored jackets (23114)--Continued</u>	1958 <sup>1</sup>		<u>Men's, youths', and boys' woven dress and business shirts (23214)--Continued</u>	1958 <sup>1</sup>	1954	<u>Men's and boys' neckwear (23230)--Continued</u>	1958 <sup>1</sup>	1954
Middle Atlantic.....	51,111		East South Central.....	96,614	92,063	East North Central.....	7,378	8,818
New York.....	37,500		Tennessee.....	46,301	38,292	Ohio.....	4,621	4,801
New Jersey.....	1,238		Alabama.....	27,474	33,835	Illinois.....	2,403	2,606
Pennsylvania.....	12,373		West South Central.....	14,083	10,951	West North Central.....	3,200	3,217
East North Central.....	1,043		Arkansas.....	8,982	5,038	Missouri.....	2,368	2,787
West North Central.....	7,562		Mountain.....	5,874	1,901	South Atlantic.....	3,241	( <sup>3</sup> )
Minnesota.....	3,771		Pacific.....	33,162	40,483	Maryland.....	2,548	2,094
Missouri.....	3,791		<u>Men's and boys' nightwear (23215):</u>	Value of production		West.....	4,973	5,047
South Atlantic.....	4,380		United States, total:			California.....	4,041	4,377
Georgia.....	2,343		1958.....	78,798		<u>Men's and boys' separate dress and sport trousers (23271):</u>	Value of production	
West South Central.....	1,605		1957.....	87,321		United States, total:		
<u>Men's, youths', and boys' knit outerwear shirts (23212):</u>	Value of production		1956.....	85,661		1958.....	436,259	
United States, total:			1955.....	79,490		1957.....	423,124	
1958.....	128,865		1954.....	76,003		1956.....	423,310	
1954.....	109,838		1947.....	79,163		1955.....	391,791	
	1958 <sup>1</sup>		Middle Atlantic.....	51,113	50,312	1954.....	369,082	
New England.....	5,239		New York.....	41,318	28,278	1947.....	326,254	
Middle Atlantic.....	55,354		East North Central.....	5,827	3,958		1958 <sup>1</sup>	1954
New York.....	24,398		South Atlantic.....	7,660	10,105	New England.....	14,840	11,474
New Jersey.....	1,467		North Carolina.....	1,822	( <sup>2</sup> )	Massachusetts.....	13,396	10,130
Pennsylvania.....	29,489		East South Central.....	12,001	9,301	Connecticut.....	1,301	1,257
East North Central.....	9,412		<u>Men's and boys' underwear (23221):</u>	Value of production		Middle Atlantic.....	140,385	134,392
Ohio.....	7,744		United States, total:			New York.....	105,157	83,517
South Atlantic.....	37,217		1958.....	260,974		New Jersey.....	3,874	4,065
Virginia.....	20,755		1957.....	259,864		Pennsylvania.....	31,354	46,810
North Carolina.....	7,788		1956.....	260,824		East North Central.....	53,787	48,083
Georgia.....	4,186		1955.....	244,326		Ohio.....	24,421	21,496
East South Central.....	15,198		1954.....	214,315		Indiana.....	14,429	12,425
			1947.....	193,711		Illinois.....	13,933	11,336
<u>Men's, youths', and boys' woven dress and business shirts (23214):</u>	Value of production		New England.....	2,981	4,541	West North Central.....	25,414	19,692
United States, total:			Middle Atlantic.....	72,991	64,169	Missouri.....	23,070	18,202
1958.....	656,472		New York.....	16,506	17,388	South Atlantic.....	81,689	57,290
1957.....	732,992		New Jersey.....	2,696	1,838	Maryland.....	18,649	23,275
1956.....	733,124		Pennsylvania.....	53,789	44,943	Virginia.....	11,550	5,002
1955.....	703,385		East North Central.....	31,679	20,835	North Carolina.....	6,631	( <sup>2</sup> )
1954.....	634,001		South Atlantic.....	65,808	45,114	Georgia.....	40,535	26,321
1947.....	526,945		North Carolina.....	39,086	28,530	Florida.....	3,026	1,835
	1958 <sup>1</sup>	1954	South Carolina.....	11,940	6,839	East South Central.....	63,021	42,698
New England.....	36,024	30,659	Georgia.....	8,355	8,490	Kentucky.....	5,054	4,543
Massachusetts.....	20,475	15,455	East South Central.....	73,760	67,737	Tennessee.....	25,582	11,915
Middle Atlantic.....	303,857	298,407	Tennessee.....	19,896	18,975	Alabama.....	10,673	12,936
New York.....	200,026	189,699	Alabama.....	11,410	10,788	Mississippi.....	21,712	13,304
New Jersey.....	20,207	21,809	<u>Men's and boys' neckwear (23230):</u>	Value of production		West South Central.....	28,331	30,986
Pennsylvania.....	83,624	86,899	United States, total:			Arkansas.....	2,802	( <sup>3</sup> )
East North Central.....	32,164	30,726	1958.....	89,714		Louisiana.....	4,151	4,126
Ohio.....	27,404	22,039	1957.....	109,662		Texas.....	21,378	21,986
Illinois.....	2,450	3,427	1956.....	109,928		Mountain.....	1,451	1,258
West North Central.....	17,400	22,992	1955.....	103,522		Pacific.....	27,341	23,209
Minnesota.....	5,150	4,980	1954.....	101,280		California.....	21,269	18,483
Missouri.....	11,083	17,163	1947.....	116,670		<u>Men's and boys' work shirts (23281):</u>	Value of production	
South Atlantic.....	117,294	105,819	New England.....	4,964	5,910	United States, total:		
Maryland.....	17,073	14,438	Massachusetts.....	4,031	3,214	1958.....	78,304	
Virginia.....	6,694	10,045	Middle Atlantic.....	57,512	66,992	1957.....	88,432	
North Carolina.....	19,791	11,625	New York.....	51,936	56,208	1956.....	92,287	
South Carolina.....	23,083	20,530	New Jersey.....	1,834	3,728	1955.....	90,913	
Georgia.....	47,436	44,764	Pennsylvania.....	3,742	7,056	1954.....	90,450	
						1947.....	98,483	

See footnotes at end of table.



Table 6B.—Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of production		Product class, region, and State	Value of production		Product class, region, and State	Value of production	
<u>Men's and boys' work shirts (23281)--Continued</u>	1958 <sup>1</sup>	1954	<u>Men's and boys' work clothing (except work shirts) (23282)--Continued</u>	1958 <sup>1</sup>	1954	<u>Men's and boys' heavy outerwear jackets (23291)-- Continued</u>	1958 <sup>1</sup>	1954
Middle Atlantic.....	10,250	8,171	South Atlantic.....	87,318	88,355	East South Central.....	18,110	12,161
New York.....	6,070	5,766	Maryland.....	4,736	3,923	Tennessee.....	10,611	6,762
Pennsylvania.....	4,180	( <sup>2</sup> )	Virginia.....	25,802	27,957	West South Central.....	9,687	5,316
East North Central.....	6,934	6,831	North Carolina.....	19,085	17,707	Texas.....	3,459	( <sup>2</sup> )
Ohio.....	2,692	2,518	Georgia.....	32,651	35,163	Mountain.....	1,615	( <sup>2</sup> )
Indiana.....	2,900	3,463	Florida.....	1,911	1,392	Pacific.....	13,533	10,568
West North Central.....	4,388	3,546	East South Central.....	115,649	91,564	California.....	6,434	4,743
Missouri.....	3,664	3,012	Kentucky.....	20,712	15,890			
South Atlantic.....	11,601	15,444	Tennessee.....	59,177	37,477			
North Carolina.....	5,625	4,895	Alabama.....	19,095	18,251			
Georgia.....	4,397	7,098	Mississippi.....	16,665	19,946			
East South Central.....	33,012	45,059	West South Central.....	67,080	66,357	<u>Men's and boys' outerwear, nec (23292):</u>		
Tennessee.....	20,510	23,352	Arkansas.....	3,924	7,083	United States, total:		
Mississippi.....	7,655	13,582	Louisiana.....	8,068	6,780	1958.....		208,755
West South Central.....	11,037	10,716	Oklahoma.....	5,651	2,563	1954.....		128,526
Louisiana.....	2,900	2,342	Texas.....	49,437	49,931			
Texas.....	6,209	6,792	West.....	44,535	35,590			
			California.....	37,088	28,635	New England.....		19,644
<u>Men's and boys' work clothing (except work shirts) (23282):</u>	Value of production		<u>Men's and boys' heavy outerwear jackets (23291):</u>	Value of production		New Hampshire.....		1,044
United States, total:			United States, total:			Massachusetts.....		15,887
1958.....	447,837		1958.....	212,670		Middle Atlantic.....		124,245
1954.....	404,649		1954.....	167,768		New York.....		56,254
1947.....	332,005		1947.....	100,524		New Jersey.....		3,935
						Pennsylvania.....		64,056
	1958 <sup>1</sup>	1954	New England.....	12,221	16,578	East North Central.....		21,372
New England.....	6,796	7,360	Massachusetts.....	7,942	11,268	Ohio.....		15,756
Massachusetts.....	5,359	5,894	Middle Atlantic.....	104,398	72,928	Illinois.....		1,638
Middle Atlantic.....	33,501	26,457	New York.....	67,380	38,549	Michigan.....		2,132
New York.....	10,228	12,514	New Jersey.....	24,486	15,812	West North Central.....		6,675
New Jersey.....	4,300	4,397	Pennsylvania.....	12,532	18,566	Missouri.....		4,383
Pennsylvania.....	18,973	9,545	East North Central.....	29,913	24,903	South Atlantic.....		15,730
East North Central.....	53,428	51,333	Indiana.....	5,207	5,433	Virginia.....		4,601
Ohio.....	10,312	9,829	Illinois.....	6,236	6,539	North Carolina.....		4,635
Indiana.....	23,180	24,085	Wisconsin.....	6,271	5,161	Florida.....		1,850
Illinois.....	11,198	9,394	West North Central.....	16,500	17,660	West South Central.....		2,403
Michigan.....	4,720	3,477	Minnesota.....	7,185	7,928	Texas.....		2,403
Wisconsin.....	4,018	4,548	Missouri.....	6,744	7,648	Pacific.....		15,618
West North Central.....	39,530	37,633	South Atlantic.....	6,693	7,002	Washington.....		1,923
Iowa.....	4,522	3,587	Georgia.....	4,245	3,640	Oregon.....		1,102
Missouri.....	27,965	25,942				California.....		12,599

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of production of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in production between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Revised.

<sup>2</sup>For the specified product classes production of over \$1 million were reported for 1958 for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23111, Indiana, Virginia, Georgia, Tennessee, Alabama, Texas, and California; 23112, Massachusetts, Wisconsin, Minnesota, Missouri, Maryland, and Kentucky; 23113, Massachusetts, Missouri, Florida, and Kentucky; 23114, Massachusetts, Maryland, and Texas; 23212, New Hampshire, Massachusetts, Indiana, Minnesota, Maryland, South Carolina, Tennessee, Alabama, and California; 23214, Maine, Connecticut, Wisconsin, Florida, Kentucky, Mississippi, Louisiana, Texas, Colorado, Arizona, Oregon, and California; 23215, Pennsylvania, Indiana, Maryland, Georgia, Florida, Tennessee, Alabama, and Mississippi; 23221, New Hampshire, Ohio, Illinois, Wisconsin, Minnesota, Maryland, Virginia, Kentucky, Mississippi, Oklahoma, and Arizona; 23230, Louisiana; 23270, Colorado and Washington; 23281, Alabama and Arkansas; 23282, Kansas, Delaware, West Virginia, Colorado, Washington, and Oregon; 23291, Rhode Island, Ohio, Michigan, Iowa, Alabama, Mississippi, Arkansas, Oklahoma, Arizona, Washington, and Oregon; 23292, Maine, Wisconsin, Iowa, West Virginia, South Carolina, and Tennessee.

<sup>3</sup>Production of less than \$1 million reported.

<sup>4</sup>Production of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958

Code	Material	Quantity	Cost	Quantity	Cost	Quantity	Cost
		(1,000 lin. yards)	(\$1,000)	(1,000 lin. yards)	(\$1,000)	(1,000 lin. yards)	(\$1,000)
		INDUSTRY 2311—MEN'S AND BOYS' SUITS		INDUSTRY 2321—MEN'S DRESS SHIRTS AND NIGHTWEAR		INDUSTRY 2322—MEN'S AND BOYS' UNDERWEAR	
	Materials, containers, and supplies, total....	xxx	456,019	xxx	392,294	xxx	63,113
223113 } 223114 }	Broad woven fabrics (piece goods).....	167,585	362,470	<sup>r</sup> 688,813	<sup>r</sup> 293,988	106,463	31,884
970099	All other materials, containers and supplies.....	xxx	70,878	xxx	<sup>r</sup> 79,803	xxx	30,628
973000	Materials, containers, and supplies, nsk <sup>1</sup> .....	xxx	22,671	xxx	20,032	xxx	601
		INDUSTRY 2327—SEPARATE TROUSERS		INDUSTRY 2328—WORK CLOTHING		INDUSTRY 2329—MEN'S AND BOYS' OUTERWEAR, NEC	
	Materials, containers, and supplies, total....	xxx	186,985	xxx	350,505	xxx	165,119
223113 } 223114 }	Broad woven fabrics (piece goods).....	162,151	144,946	609,984	304,925	150,390	111,418
970099	All other materials, containers and supplies.....	xxx	31,166	xxx	33,992	xxx	40,017
973000	Materials, containers, and supplies, nsk <sup>1</sup> .....	xxx	10,873	xxx	11,588	xxx	13,684

<sup>r</sup>Revised.

<sup>1</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."



Table 8—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary production to total production, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class production to total product production, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2311-02	MEN'S AND BOYS' SUITS AND COATS-MANUFACTURERS (entire subindustry).....	494	66,019	225,312	57,688	101,064	176,703	377,268	336,334	713,851	2,768
	Establishments with:										
	90% or more specialization.....	393	54,156	187,320	47,386	82,354	147,567	311,950	276,645	589,217	2,311
	75-89% specialization.....	46	5,142	16,855	4,402	8,137	13,480	28,628	23,007	51,271	110
23111-02	Men's suits-Manufacturers (primary product class of estab.).....	241	50,122	173,475	43,702	76,090	136,272	294,170	255,619	550,535	1,868
	Establishments with:										
	90% or more specialization....	106	6,450	21,355	5,626	10,229	16,754	31,847	32,506	64,343	351
	75-89% specialization.....	52	18,957	66,046	16,871	28,966	53,574	108,319	90,046	199,322	655
23112-02	Men's topcoats and overcoats-Manufacturers (primary product class of estab.).....	52	6,680	22,614	5,884	10,035	17,664	34,793	32,792	66,887	142
	Establishments with:										
	90% or more specialization....	24	1,594	5,743	1,413	2,369	4,514	8,844	9,164	17,971	46
	75-89% specialization.....	9	1,362	5,384	1,198	1,886	4,049	7,781	5,683	13,290	15
23113-02	Men's tailored dress and sport coats and jackets-Manufacturers (primary product class of estab.)..	56	3,800	12,536	3,363	6,425	9,771	20,142	17,417	37,606	196
	Establishments with:										
	90% or more specialization....	27	1,390	4,242	1,262	2,545	3,534	5,441	5,144	10,669	85
	75-89% specialization.....	9	323	1,132	285	558	912	2,166	1,514	3,644	14
23114-02	Boys' suits, coats, and overcoats-Manufacturers (primary product class of estab.).....	44	4,258	13,203	3,758	6,980	10,186	19,565	20,710	40,647	177
	Establishments with:										
	90% or more specialization....	16	1,195	3,742	1,025	1,907	2,889	5,236	4,328	9,621	69
	75-89% specialization.....	5	347	1,061	299	533	792	1,289	2,880	4,168	(D)
2311-03	MEN'S AND BOYS' SUITS AND COATS-JOBBER'S (entire subindustry).....	291	7,029	37,525	3,032	5,570	12,010	89,449	295,413	385,506	409
	Establishments with:										
	90% or more specialization.....	245	5,395	30,082	2,163	4,035	8,710	70,350	244,349	315,124	357
	75-89% specialization.....	20	744	3,548	413	695	1,556	8,745	20,934	29,844	21
23111-03	Men's suits-Jobbers (primary product class of estab.).....	187	5,531	28,973	2,409	4,391	9,361	65,612	226,593	292,641	210
	Establishments with:										
	90% or more specialization....	83	1,138	5,598	541	979	2,213	13,708	52,360	66,067	46
	75-89% specialization.....	44	2,074	11,237	911	1,713	3,390	30,913	91,462	122,701	63
23112-03	Men's topcoats and overcoats-Jobbers (primary product class of estab.).....	25	454	2,232	179	328	577	6,294	16,745	23,132	30
	Establishments with:										
	90% or more specialization....	13	201	1,360	68	122	272	4,366	12,103	16,437	19
23113-03	Men's tailored dress and sport coats-Jobbers (primary product class of estab.).....	29	329	2,173	112	233	649	5,456	18,807	24,186	55
	Establishments with:										
	90% or more specialization....	10	134	887	47	92	262	2,454	8,912	11,175	39
	75-89% specialization.....	5	96	597	28	62	131	1,402	3,818	5,222	(D)
23114-03	Boys' suits, coats, and overcoats-Jobbers (primary product class of estab.).....	41	655	3,906	300	569	1,305	9,074	31,223	40,501	93
	Establishments with:										
	90% or more specialization....	24	411	2,522	213	405	964	6,473	20,200	26,751	76
	75-89% specialization.....	6	108	654	54	99	235	1,087	5,522	6,700	(D)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 8.-General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958-Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2321-02	MEN'S DRESS SHIRTS AND NIGHTWEAR-MANUFACTURERS (entire subindustry).....	r324	r47,863	r121,901	r43,517	r76,820	r101,307	r228,557	r287,049	r515,602	r2,276
	Establishments with:										
	90% or more specialization.....	265	35,788	92,432	32,597	57,136	77,214	161,457	196,640	358,097	1,672
	75-89% specialization.....	r21	r3,243	r8,296	r2,898	r5,029	r6,414	r17,143	r17,253	r34,233	r263
23212-02	Men's and boys' knit outerwear shirts-Manufacturers (primary product class of estab.).....	27	2,582	6,780	2,348	4,588	5,745	10,772	13,857	24,588	134
	Establishments with:										
	90% or more specialization....	20	1,768	4,834	1,596	3,165	4,022	7,695	9,522	17,193	105
23214-02	Men's and boys' woven shirts-Manufacturers (primary product class of estab.).....	227	41,415	106,049	37,630	66,037	87,933	201,536	251,475	453,060	1,933
	Establishments with:										
	90% or more specialization....	170	27,725	71,773	25,525	44,882	61,357	126,101	153,878	280,000	1,223
	75-89% specialization.....	19	5,019	13,925	4,345	7,116	9,635	26,020	28,977	54,951	275
23215-02	Men's and boys' nightwear-Manufacturers (primary product class of estab.).....	r24	r2,763	r6,101	r2,589	r4,477	r5,248	r10,592	r15,243	r25,698	r124
	Establishments with:										
	90% or more specialization....	11	1,138	2,512	1,046	1,726	2,096	5,047	5,889	10,830	91
2321-03	MEN'S DRESS SHIRTS AND NIGHTWEAR-JOBBER (entire subindustry)....	172	4,032	17,907	1,962	3,623	4,766	56,591	242,916	299,876	1,012
	Establishments with:										
	90% or more specialization.....	155	3,030	13,619	1,449	2,596	3,634	41,277	184,692	226,521	588
	75-89% specialization.....	10	561	2,554	282	558	596	8,917	31,279	40,177	26
23212-03	Men's and boys' knit outerwear shirts-Jobbers (primary product class of estab.).....	6	104	735	4	10	17	1,534	4,716	6,221	17
	Establishments with:										
	90% or more specialization....	3	46	340	(D)	(D)	(D)	644	2,787	3,411	15
23214-03	Men's and boys' woven fabric shirts-Jobbers (primary product class of estab.).....	146	3,535	15,164	1,803	3,330	4,348	48,368	199,278	248,240	942
	Establishments with:										
	90% or more specialization....	132	2,560	11,096	1,214	2,135	3,002	35,631	152,554	188,754	484
23215-03	Men's and boys' nightwear-Jobbers (primary product class of estab.)..	14	362	1,911	144	265	373	6,387	37,347	43,539	50
	Establishments with:										
	90% or more specialization....	8	108	544	57	101	185	1,590	14,183	15,795	17
23221-02	Men's and boys' underwear-Manufacturers (entire subindustry)....	56	9,407	23,308	8,406	14,556	19,170	43,225	60,980	103,777	757
	Establishments with:										
	90% or more specialization....	38	7,003	17,252	6,421	10,997	14,738	35,019	43,957	78,533	679
	75-89% specialization.....	4	514	1,257	478	898	1,048	1,682	5,146	6,822	30
23230-02	Men's and boys' neckwear-Manufacturers (entire subindustry).....	262	6,061	21,933	4,836	8,490	14,263	40,555	44,967	85,848	504
	Establishments with:										
	90% or more specialization....	242	5,387	19,307	4,295	7,507	12,612	36,478	38,271	75,021	473
	75-89% specialization.....	7	361	1,398	259	520	842	1,760	3,214	4,990	9
2327-02	SEPARATE TROUSERS-MANUFACTURERS (entire subindustry).....	258	23,698	62,696	21,478	38,855	49,750	102,364	130,316	232,575	(NA)
	Establishments with:										
	90% or more specialization.....	201	15,520	41,549	14,166	25,793	33,849	69,395	91,214	160,151	(NA)
	75-89% specialization.....	17	2,541	6,319	2,305	3,635	4,634	10,130	13,071	23,460	(NA)
2327-03	SEPARATE TROUSERS-JOBBER (entire subindustry).....	148	2,146	9,507	1,160	2,209	3,450	28,213	98,288	126,461	(NA)
	Establishments with:										
	90% or more specialization.....	125	1,257	6,587	487	971	1,664	18,666	77,684	96,408	(NA)
	75-89% specialization.....	7	139	650	80	142	401	1,463	4,935	6,386	(NA)

See footnotes at end of table.



Table 8.-General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958-Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2328-02	WORK CLOTHING-MANUFACTURERS (entire subindustry).....	315	45,543	109,423	41,663	73,610	94,704	189,193	324,110	512,519	2,659
	Establishments with:										
	90% or more specialization.....	228	27,935	66,893	25,698	45,669	58,128	115,944	188,198	303,550	1,619
	75-89% specialization.....	27	6,830	15,672	6,228	10,055	13,578	28,879	47,248	75,807	210
23281-02	Men's and boys' work shirts-Manufacturers (primary product class of estab.).....	22	3,571	7,687	3,431	5,855	6,973	12,596	18,987	31,548	58
	Establishments with:										
	90% or more specialization....	13	1,812	3,982	1,742	3,087	3,582	7,294	11,081	18,472	23
23282-02	Men's and boys' work clothing (except work shirts) and washable service apparel-Manufacturers (primary product class of estab.)..	286	41,533	100,978	37,830	67,075	87,075	175,457	303,962	478,690	2,584
	Establishments with:										
	90% or more specialization....	169	18,417	44,926	16,858	30,378	39,105	75,043	125,354	200,015	1,168
	75-89% specialization.....	31	7,096	16,326	6,516	10,843	14,118	30,044	54,018	83,812	289
2328-03	WORK CLOTHING-JOBBERS (entire subindustry)	37	2,464	9,640	1,479	2,894	4,630	23,781	105,806	129,660	135
	Establishments with:										
	90% or more specialization.....	21	632	2,748	379	750	982	9,493	28,175	37,732	38
	75-89% specialization.....	6	730	2,713	525	953	1,519	2,847	13,383	16,222	62
23281-03	Men's and boys' work shirts-Jobbers (primary product class of estab.)..	5	24	236	...	...	...	1,048	9,515	10,567	(D)
23282-03	Men's and boys' work clothing (except work shirts) and washable service apparel-Jobbers (primary product class of estab.).....	32	2,440	9,404	1,479	2,894	4,630	22,733	96,291	119,093	(D)
	Establishments with:										
	90% or more specialization....	9	66	230	20	38	60	532	3,034	3,545	...
	75-89% specialization.....	10	957	3,972	650	1,201	1,861	8,687	24,527	33,264	74
2329-02	MEN'S AND BOYS' CLOTHING, NEC-MANUFACTURERS (entire subindustry).....	299	18,808	55,014	16,571	30,563	44,169	90,811	114,984	205,267	1,277
	Establishments with:										
	90% or more specialization.....	220	11,169	33,124	9,972	18,088	26,532	55,654	67,707	123,099	871
	75-89% specialization.....	15	1,097	3,365	925	1,678	2,310	5,611	6,629	12,155	35
23291-02	Men's and boys' heavy outerwear jackets-Manufacturers (primary product class of estab.).....	126	12,760	37,294	11,331	20,665	30,035	61,203	80,980	141,740	600
	Establishments with:										
	90% or more specialization....	76	6,473	19,167	5,721	10,308	15,168	31,602	40,354	71,723	269
	75-89% specialization.....	11	1,116	3,545	975	1,774	2,594	5,849	7,094	12,853	33
23292-02	Men's and boys' other outerwear, nec-Manufacturers (primary product class of estab.).....	89	5,190	15,379	4,650	8,629	11,648	23,983	25,976	49,883	276
	Establishments with:										
	90% or more specialization....	54	2,883	8,265	2,697	4,864	6,817	13,329	12,567	25,864	146
2329-03	MEN'S AND BOYS' CLOTHING, NEC-JOBBERS (entire subindustry).....	68	1,333	6,885	406	796	1,233	20,758	97,033	117,577	205
	Establishments with:										
	90% or more specialization.....	50	600	3,354	179	351	627	10,390	40,606	50,919	136
	75-89% specialization.....	4	20	91	2	3	5	537	2,851	3,392	20
23291-03	Men's and boys' heavy outerwear jackets-Jobbers (primary product class of estab.).....	33	843	4,168	326	645	940	10,996	50,835	61,823	126
	Establishments with:										
	90% or more specialization....	26	471	2,637	137	269	463	7,783	33,363	41,232	96
23292-03	Men's and boys' other outerwear nec-Jobbers (primary product class of estab.).....	27	455	2,586	56	102	208	9,255	45,113	54,312	66

D Withheld to avoid disclosing figures for individual companies.

NA Not available.





# Women's and Misses' Outerwear

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2331—Blouses, Waists, and Shirts
- 2335—Dresses
- 2337—Suits, Skirts, and Coats, Except Fur Coats and Raincoats
- 2339—Women's, Misses', and Juniors' Outerwear, N.E.C.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the Census of Business.

## Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

The 1957 edition of the Standard Industrial Classification Manual included apparel jobbers within the manufacturing sector. The previous edition had been amended by the Bureau of the Budget to transfer apparel jobbers from Wholesale Trade to Manufacturing. Since apparel jobbers were also included in manufacturing in earlier Censuses

of Manufactures, data for 1958 and earlier years shown in this report are comparable.

## Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

## Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2-4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multi-plant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are described in the trade, where contractors are usually thought of as independently owned establishments.



The table below provides comparative data for each of the three types of establishments included in the industries covered by this report.

### 2331--Blouses, Waists, and Shirts

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts from purchased woven or knit fabrics. Establishments making knit outerwear shirts from yarns knit in the same establishment are classified in Industry 2253, Knit Outerwear Mills. For a detailed list of products of Industry 2331, refer to table 6A, product codes 2331244 and 2331710.

In the 1957 edition of the Standard Industrial Classification Manual, the definition for Industry 2331 was revised to include the output of women's, misses', and juniors' knit outerwear shirts. These products were formerly included in Industry 2339, Women's Outerwear, N.E.C. To this extent, the data shown in table 1 for 1957 and earlier years are not comparable with the 1958 figures on the new S.I.C. basis. Table 1A compares the composition of Industry 2331 for 1958 under both the old and revised classification systems. General statistics by regions and States are shown on the new basis in table 2 and on the old basis in table 2A.

The value of production and other receipts of the Women's Blouses Industry in 1958 totaled \$454 million. This included production of women's blouses (primary products), valued at \$304 million, production of other products (secondary products) valued at \$36 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales) of \$114 million.

This industry's production of women's blouses and knit outerwear shirts (made from purchased knit fabric) in 1958 represented 89 percent (specialization ratio) of its total product production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of women's skirts, \$15 million; women's outerwear, n.e.c., \$9 million; and women's dresses, \$4 million.

Women's, misses', and juniors' knit outerwear shirts made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while the production of women's, misses', and juniors' knit shirts cut and sewed from purchased knit fabric is included in Industry 2331. In order to show the total value of women's, misses', and juniors' knit outerwear shirts made by all industries (regardless of the method of production), combined values for the 2253--- and 23312-- products are

given in tables 5 and 6. Using the combined figure of \$389 million of women's, misses', and juniors' blouses and knit outerwear shirts as the base, Industry 2331 production of women's, misses', and juniors' blouses and knit outerwear shirts in 1958 accounted for 78 percent of the total dollar value of these products. Other industries shipping women's blouses of woven fabric (primary products) consisted mainly of Industry 2321, Men's Dress Shirts and Nightwear, \$19 million; Industry 2337, Women's Suits, Coats, and Skirts, \$27 million. Comparable coverage and specialization ratios for 1954 are not available.

### 2335--Dresses

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' dresses including ensemble dresses, whether sold by the price or by the dozen. Knitting mills primarily engaged in manufacturing women's, misses', and juniors' knit dresses and suits are classified in Industry 2253, Knit outerwear mills. For a detailed list of products of Industry 2335, refer to table 6A, product codes 2335110 and 2335210.

The 1957 Standard Industrial Classification Manual combined in this industry two industries which were separate in the 1945 S.I.C. These were Dresses, Unit-Priced (old S.I.C. 2333) and Dresses, Dozen-Priced (old S.I.C. 2334). In addition women's, misses', and juniors' washable service apparel, which was previously included in the old Dresses, Dozen-Priced, Industry, is now considered primary to Industry 2339, Women's Outerwear, N.E.C. To this extent, the data for the two industries, Dresses, Unit-Priced and Dresses, Dozen-Priced, which are shown combined for 1957 and earlier years, are not comparable with the 1958 figures on the new basis. Table 1A compares the composition for Industry 2335 for 1958 under both the old and revised classification systems. General statistics by regions and States are shown on the new basis in table 2 and on the old basis in table 2A.

The value of production and other receipts of the Women's Dress Industry in 1958 totaled \$2,043 million. This included production of women's, misses', and juniors' dresses (primary products), valued at \$1,592 million, production of other products (secondary products) valued at \$53 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$398 million.

This industry's production of women's, misses', and juniors' dresses (primary products) in 1958 represented 97 percent (specialization ratio) of its total product production (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of women's, misses', and juniors' suits, \$12 million; and

SUMMARY STATISTICS FOR WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR INDUSTRIES  
(GROUP 233), BY TYPE OF ESTABLISHMENT: 1958

Item	Manufacturers	Jobbers	Contractors
Total value of production, including miscellaneous receipts.....\$1,000..	1,449,539	2,050,868	1736,643
Number production workers.....	98,097	18,706	193,956
Number all employees.....	117,160	36,280	206,569
Ratio of production workers to all employees.....	.84	.52	.94
Adjusted value added by manufacture.....\$1,000..	700,751	525,770	687,105
Ratio of adjusted value added by manufacture to total value of production....	.48	.26	.93
Salaries and wages paid.....\$1,000..	401,122	210,360	542,525
Ratio of wages and salaries to adjusted value added by manufacture.....	.57	.40	.79

<sup>1</sup>This figure consists largely of receipts for contract work, but such receipts are treated as equivalent to value of production in the industry statistics (tables 1-4 and part of table 5).



women's, misses', and juniors' skirts and jackets, \$10 million.

Industry 2335 production of women's, misses', and juniors' dresses (primary products) in 1958 represented 98 percent (coverage ratio) of these products valued at \$1,625 million made by all industries. Other industries making women's, misses', and juniors' dresses (primary products) consisted mainly of Industry 2337, Women's Suits, Coats, and Skirts, \$15 million; and Industry 2339, Women's Outerwear, N.E.C., \$8 million.

#### 2337—Suits, Skirts, and Coats, Except Fur Coats and Raincoats

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' suits, skirts, and coats except fur coats and raincoats. Establishments primarily engaged in manufacturing fur garments are classified in Industry 2371, raincoats in Industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in Industry 2253. For a detailed list of products of Industry 2337, refer to table 6A, product codes 2337111 to 2337420.

The specialization and coverage ratios for Industry 2337 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5.

#### 2339—Women's, Misses', and Juniors' Outerwear, N.E.C.

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. For a detailed list of products of Industry 2339, refer to table 6A, product codes 2339211 to 2339349.

The 1957 Standard Industrial Classification Manual combined in this industry two industries which were separate in the 1945 S.I.C. These were Women's Neckwear and Scarfs (old S.I.C. 2338) and Women's Outerwear, N.E.C. (old S.I.C. 2339). In addition the definition for Industry 2339, Women's Outerwear, N.E.C., was further revised to include the output of women's, misses', and juniors' washable service apparel. Table 1A compares the composition for Industry 2339 for 1958 under both the old and revised classification systems. Data for 1957 and earlier years are not available on this revised basis.

The value of production and other receipts of the Women's Outerwear, N.E.C., Industry in 1958 totaled \$506 million. This included production of women's outerwear, n.e.c. (primary products), valued at \$346 million, production of other products (secondary products) valued at \$79 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$81 million.

This industry's production of women's outerwear, n.e.c. (primary products) in 1958 represented 81 percent (specialization ratio) of its total product production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of women's, misses', and juniors' skirts and jackets, \$15 million; children's outerwear, n.e.c., \$14 million; and women's, misses', and juniors' blouses made of woven fabrics, \$12 million.

Women's, misses', and juniors' knit sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while women's, misses', and juniors' knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in Industry 2339. In order to show the total dollar value of women's, misses', and juniors' outerwear, n.e.c., made by all industries (regardless of the method of production), combined values for the 2253--- and 2339--- products are shown in tables 5 and 6A. Using the combined figure of \$672 million of women's, misses', and juniors' outerwear, n.e.c. (knit and woven) made by all industries as the base, Industry 2339 production of women's, misses', and juniors' outerwear, n.e.c., in 1958 accounted for 52 percent of the total dollar value of these products. Comparable specialization and coverage ratios for 1954 are not available.

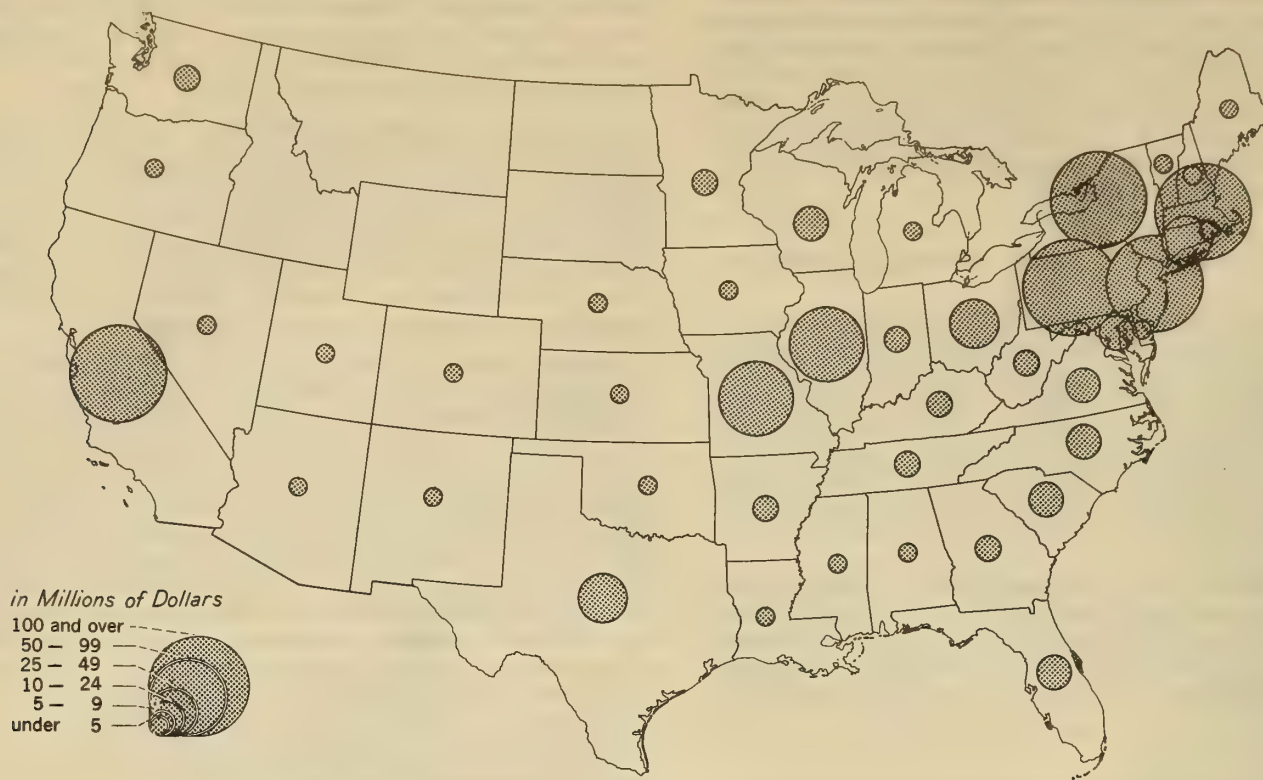
#### Relationship of Census of Manufactures and Current Industrial Reports Data

The Census Bureau publishes monthly data on the cuttings of selected items of women's apparel in its Current Industrial Reports Series M23H, and quarterly figures on the output of women's, misses', and juniors' knit cotton and wool nightwear and underwear in the Current Industrial Reports Series M23C. Annual information on the production of men's and boys' apparel (except neckwear) is published in the Current Industrial Reports Series M23A. For 1958, the MA23A annual apparel survey was conducted concurrently with the Census of Manufactures. The Census of Manufactures report form collected only summary figures on the quantity and value of women's, misses', and juniors' apparel and detailed product data were collected in the annual commodity form MA23A. The value data are shown in table 6A and the detailed quantity figures are included in table 6C.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR: SIC 233

Value Added by Manufacture by State: 1958



Includes Industries 2331, 2335, 2337 and 2339. See Table 2.

Bureau of the Census. M-58-D233



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employ-ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2331 (old SIC 2331)	Women's blouses:														
	1958 <sup>8</sup> (new SIC)....	1,246	1,260	735	47,484	125,581	41,867	72,572	98,251	200,164	253,185	454,103	2,277	89	78
	1958 (old SIC).....	(NA)	1,236	722	46,317	121,341	41,089	71,204	95,897	189,265	227,532	417,769	2,237	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	45,471	108,204	41,561	70,982	88,613	182,626	246,126	422,977	(S)	92	83
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	44,655	104,827	40,911	69,824	86,350	183,779	227,845	405,666	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	44,930	103,729	41,172	70,462	85,674	184,034	225,126	399,575	(S)	(NA)	(NA)
	1954.....	1,233	1,245	700	42,980	99,818	39,567	67,901	82,201	165,913	211,332	377,353	2,445	93	85
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	43,008	110,168	39,515	69,785	86,092	186,795	203,151	389,946	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	36,795	85,034	33,435	63,092	69,947	157,692	192,570	350,262	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	35,532	84,481	31,534	60,928	67,426	139,716	188,749	328,465	(S)	(NA)	(NA)
	1947.....	1,356	1,362	(NA)	32,883	67,667	30,066	(NA)	54,332	123,928	152,647	276,575	2,150	93	85
	1939.....	(NA)	302	(NA)	10,950	10,164	9,673	(NA)	7,392	16,853	24,878	41,731	(NA)	(NA)	(NA)
	1937.....	(NA)	192	(NA)	6,983	6,146	6,404	(NA)	5,011	12,300	16,920	29,220	(NA)	(NA)	(NA)
	1935 <sup>10</sup> .....	(NA)	224	(NA)	6,971	6,294	6,372	(NA)	5,140	11,241	17,578	28,819	(NA)	(NA)	(NA)
2335 (old SIC 2333, 2334 Pt.)	Women's dresses:														
	1958 <sup>11</sup> .....	4,502	4,653	2,899	184,717	587,976	160,972	279,895	451,817	970,963	1,072,733	2,043,422	9,436	97	98
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	201,401	606,649	180,181	310,713	466,122	991,806	1,193,144	2,181,639	(S)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	203,868	604,547	183,407	320,472	470,267	980,073	1,161,260	2,130,892	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	201,396	561,720	181,715	313,963	442,191	916,141	1,090,558	1,988,789	(S)	(NA)	(NA)
	1954.....	(NA)	5,006	(NA)	197,785	545,853	178,969	309,406	434,956	869,858	1,039,900	1,911,837	7,435	(NA)	(NA)
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	199,828	571,274	179,839	308,942	444,650	900,724	1,025,722	1,926,446	(S)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	184,281	520,033	163,292	283,386	403,127	820,405	1,086,860	1,907,265	(S)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	176,160	474,655	154,379	264,443	361,992	763,329	974,674	1,738,003	(S)	(NA)	(NA)
	1947.....	(NA)	5,122	(NA)	182,369	462,301	162,486	(NA)	364,271	764,462	943,353	1,707,815	(NA)	(NA)	(NA)
	1939.....	(NA)	3,658	(NA)	162,069	175,099	142,532	(NA)	132,407	266,856	353,103	619,959	(NA)	(NA)	(NA)
	1937 <sup>10</sup> .....	(NA)	2,904	(NA)	134,568	140,687	124,380	(NA)	116,301	241,649	317,061	558,710	(NA)	(NA)	(NA)
2337 (old SIC 2337)	Women's suits, coats and skirts:														
	1958.....	2,653	2,683	1,350	84,145	309,671	70,651	123,278	229,374	514,901	717,506	1,233,227	6,984	93	93
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	100,754	359,270	87,225	154,063	276,428	615,687	835,578	1,439,518	(S)	94	93
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	100,602	349,172	87,056	153,018	267,890	580,343	813,641	1,394,510	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	98,021	332,527	85,874	150,172	257,714	555,448	769,253	1,312,496	4,529	(NA)	(NA)
	1954.....	3,178	3,204	1,476	96,022	326,933	84,410	147,479	252,312	531,574	739,834	1,272,030	3,621	94	93
	1947.....	(12)	2,972	(12)	82,721	282,907	72,921	(NA)	228,268	477,360	615,447	1,092,807	(NA)	(12)	(12)
	1939.....	(NA)	1,966	(NA)	52,468	72,628	45,453	(NA)	56,417	117,358	196,640	313,998	(NA)	(NA)	(NA)
	1937.....	(NA)	1,767	(NA)	44,707	63,681	39,613	(NA)	51,712	117,506	203,714	321,220	(NA)	(NA)	(NA)
	1935 <sup>10</sup> .....	(NA)	1,703	(NA)	37,816	53,538	33,237	(NA)	43,085	93,167	162,268	255,435	(NA)	(NA)	(NA)
2339 (old SIC 2339, 2338, 2334, Pt.)	Women's outerwear, nec:														
	1958 <sup>13</sup> .....	1,119	1,155	553	43,663	130,779	37,269	68,297	95,910	227,598	281,157	506,298	3,560	81	52

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of production (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2331	165,352	2337	529,623
2335	866,362	2339	(NA)

Footnotes continued on next page.

## MANUFACTURES-INDUSTRY STATISTICS

Footnotes for Table 1-23B

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2331	249,964	209,910	2337	706,713	731,697
2335	1,067,972	1,023,934	2339	265,644	(NA)

<sup>5</sup>For 1958 and 1954, includes values of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." The figures represent value of production for all years. Value of production excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Production (\$1,000)		Industry Code	Value of Production (\$1,000)	
	1958	1954		1958	1954
2331	450,254	375,262	2337	1,220,023	1,261,320
2335	2,038,167	1,890,296	2339	487,055	(NA)

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total value of production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products made by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1951-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>Comparable data for earlier years are not available.

<sup>11</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: Unit-Priced Dresses (old SIC 2334) and Dozen-Priced Dresses (old SIC 2334). A further revision excluded the output of washable service apparel. The details of the revision are described in the text. Data for 1957 and earlier years for these two industries have been combined.

<sup>12</sup>Not available due to significant revisions in the 1947 classification of plants and products in this industry.

<sup>13</sup>Revisions in the definition of this industry were introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. See the text and table 1A for more detailed discussion.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2331—Women's blouses.....	1,260	735	47,484	<sup>r</sup> 200,164	xxx	xxx	xxx	xxx
Old Industry 2331—Women's blouses.....	1,236	722	46,317	189,265	1,236	722	46,317	189,265
Old Industry 2339—Women's outerwear, nec.....	24	13	1,167	<sup>r</sup> 10,899	840	433	35,221	189,691
New Industry 2335—Women's dresses.....	4,653	2,899	184,717	970,963	xxx	xxx	xxx	xxx
Old Industry 2333—Women's unit-priced dresses.....	3,700	2,346	135,606	765,236	3,700	2,346	135,606	765,236
Old Industry 2334—Women's dozen-priced dresses.....	953	553	49,111	205,727	1,204	665	57,273	246,244
New Industry 2339—Women's outerwear, nec.....	1,155	553	43,663	227,598	xxx	xxx	xxx	xxx
Old Industry 2334—Women's dozen-priced dresses.....	251	112	8,162	40,517	1,204	665	57,273	246,244
Old Industry 2338—Women's neckwear.....	88	21	1,447	8,300	88	21	1,447	8,300
Old Industry 2339—Women's outerwear, nec.....	816	420	34,054	178,781	840	433	35,221	189,691

<sup>r</sup>Revised.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2331	Women's blouses, total.....	1,260	735	47,484	125,581	41,867	72,572	98,251	200,164	454,103	2,277	(3)	(3)	(3)
	New England.....	71	46	2,742	7,011	2,508	4,473	5,990	9,803	15,072	(2)	(3)	(3)	(3)
	Connecticut.....	17	12	782	1,799	732	1,230	1,576	2,825	4,676	(2)	(3)	(3)	(3)
	Middle Atlantic...	906	519	31,067	85,464	27,198	46,163	65,443	139,134	345,476	1,399	(3)	(3)	(3)
	New York.....	601	279	14,561	47,152	11,966	20,778	32,035	83,227	249,205	779	(3)	(3)	(3)
	New Jersey.....	61	39	2,258	5,514	1,970	3,142	4,586	8,651	15,088	(2)	(3)	(3)	(3)
	Pennsylvania.....	244	201	14,248	32,798	13,262	22,243	28,822	47,256	81,183	557	(3)	(3)	(3)
	East North Central	32	24	1,604	4,603	1,343	2,334	3,216	7,823	13,635	(2)	(3)	(3)	(3)
	Illinois.....	21	15	772	2,193	665	1,122	1,739	3,630	5,472	(2)	(3)	(3)	(3)
	West North Central	14	11	812	2,187	676	1,194	1,595	3,049	5,064	(2)	(3)	(3)	(3)
	South Atlantic....	48	38	5,077	11,082	4,548	8,438	9,242	16,152	24,879	(2)	(3)	(3)	(3)
	North Carolina..	9	6	603	1,420	541	975	1,134	2,196	6,410	(2)	(3)	(3)	(3)
	South Carolina..	10	9	2,210	4,521	1,935	3,806	3,835	6,289	6,637	(2)	(3)	(3)	(3)
	Georgia.....	9	9	880	1,992	829	1,640	1,746	2,394	3,774	(2)	(3)	(3)	(3)
	Florida.....	8	4	150	402	123	202	309	706	1,387	(2)	(3)	(3)	(3)
	East South Central	10	9	1,053	2,148	961	1,764	1,925	2,414	2,928	(2)	(3)	(3)	(3)
	Alabama.....	4	3	291	421	235	338	347	507	931	(2)	(3)	(3)	(3)
	West South Central	18	15	1,379	3,002	1,299	2,192	2,512	4,311	7,540	(2)	(3)	(3)	(3)
	Texas.....	14	12	945	1,955	883	1,387	1,575	2,633	4,014	(2)	(3)	(3)	(3)
	West.....	161	73	3,750	10,084	3,334	6,014	8,328	17,478	39,509	(2)	(3)	(3)	(3)
	California.....	152	70	3,472	9,305	3,078	5,542	7,703	16,235	37,516	(2)	(3)	(3)	(3)
2331-02	Women's blouse-Manufacturers, total...	247	117	8,823	25,427	7,492	13,308	19,017	44,176	100,769	525	(3)	(3)	(3)
	New England.....	16	10	418	1,069	357	617	843	1,720	3,410	(2)	(3)	(3)	(3)
	Middle Atlantic...	135	50	3,955	12,351	3,366	6,020	9,460	21,682	55,843	(2)	(3)	(3)	(3)
	New York.....	99	32	1,997	6,770	1,662	2,932	4,899	10,615	28,428	(2)	(3)	(3)	(3)
	North Central....	26	21	1,675	5,064	1,326	2,329	3,253	8,719	16,443	(2)	(3)	(3)	(3)
	Illinois.....	13	10	551	1,702	457	799	1,296	2,979	4,785	(2)	(3)	(3)	(3)
	South.....	24	19	1,704	3,728	1,491	2,458	2,807	6,602	12,569	(2)	(3)	(3)	(3)
	Texas.....	7	6	447	978	413	689	716	1,519	2,778	(2)	(3)	(3)	(3)
	Pacific.....	46	17	1,071	3,215	952	1,884	2,654	5,453	12,504	(2)	(3)	(3)	(3)
	California.....	40	16	968	2,884	863	1,728	2,400	4,805	11,159	(2)	(3)	(3)	(3)
2331-03	Women's blouses-Jobbers, total.....	210	60	4,045	20,722	1,966	3,703	7,143	54,026	242,538	255	(3)	(3)	(3)
	New England.....	6	2	105	535	69	142	262	1,316	4,174	(2)	(3)	(3)	(3)
	Middle Atlantic...	177	50	3,510	18,483	1,645	3,093	6,178	47,147	212,838	(2)	(3)	(3)	(3)
	New York.....	169	46	2,808	16,262	1,184	2,271	4,971	42,079	187,745	(2)	(3)	(3)	(3)
	North Central, South and West...	27	8	430	1,704	252	468	703	5,563	25,526	(2)	(3)	(3)	(3)
2331-04	Women's blouses-Contractors, total.....	803	558	34,616	79,432	32,409	55,561	72,091	101,962	110,796	1,497	(3)	(3)	(3)
	New England.....	49	34	2,219	5,407	2,082	3,714	4,885	6,767	7,488	(2)	(3)	(3)	(3)
	Middle Atlantic...	594	419	23,602	54,630	22,187	37,050	49,805	70,305	76,795	988	(3)	(3)	(3)
	New York.....	333	201	9,756	24,120	9,120	15,575	22,165	30,533	33,032	(2)	(3)	(3)	(3)
	New Jersey.....	53	37	1,994	4,657	1,877	2,992	4,289	5,866	6,330	(2)	(3)	(3)	(3)
	Pennsylvania.....	208	181	11,852	25,853	11,190	18,483	23,351	33,906	37,433	(2)	(3)	(3)	(3)
	North Central, South and West...	160	105	8,795	19,395	8,140	14,797	17,401	24,890	26,513	(2)	(3)	(3)	(3)
	North Carolina..	4	4	519	1,084	500	900	1,033	1,462	1,529	(2)	(3)	(3)	(3)
	Texas.....	7	6	498	977	470	698	859	1,114	1,236	(2)	(3)	(3)	(3)
2335	Women's dresses, total.....	4,653	2,899	184,717	587,976	160,972	279,895	451,817	970,963	2,043,422	9,436	(3)	(3)	(3)
	New England.....	290	231	17,529	50,089	15,845	26,828	41,160	74,745	139,565	654	(3)	(3)	(3)
	Vermont.....	6	4	612	1,632	559	793	1,281	2,570	3,730	(2)	(3)	(3)	(3)
	Massachusetts...	191	150	11,904	35,012	10,570	18,031	27,746	52,853	107,786	506	(3)	(3)	(3)
	Rhode Island....	14	13	789	1,839	736	1,263	1,655	2,282	2,369	(2)	(3)	(3)	(3)
	Connecticut.....	70	55	3,545	10,117	3,331	5,680	9,119	15,184	23,788	(2)	(3)	(3)	(3)
	Middle Atlantic...	3,392	2,123	113,044	383,817	97,729	167,100	291,439	646,502	1,444,507	5,782	(3)	(3)	(3)
	New York.....	2,623	1,515	74,970	288,261	63,181	111,298	210,853	503,797	1,204,420	4,375	(3)	(3)	(3)
	New Jersey.....	324	245	12,287	33,605	11,318	18,230	29,294	49,741	88,412	(2)	(3)	(3)	(3)
	Pennsylvania....	445	363	25,787	61,951	23,230	37,572	51,292	92,964	151,675	929	(3)	(3)	(3)
	East North Central	183	141	13,988	42,447	12,086	21,976	31,171	64,882	123,143	685	(3)	(3)	(3)
	Indiana.....	6	5	960	2,327	781	1,400	1,770	2,960	5,191	(2)	(3)	(3)	(3)
	Illinois.....	134	101	9,416	28,696	8,301	14,877	21,536	40,180	78,165	(2)	(3)	(3)	(3)
	West North Central	80	54	7,012	20,911	6,006	10,727	15,884	37,847	69,009	(2)	(3)	(3)	(3)
	Minnesota.....	10	7	656	1,884	583	1,007	1,514	3,234	4,928	(2)	(3)	(3)	(3)
	Missouri.....	60	40	5,454	16,618	4,568	8,218	12,150	30,986	58,063	(2)	(3)	(3)	(3)
	Kansas.....	6	5	487	1,466	459	863	1,345	2,435	4,425	(2)	(3)	(3)	(3)
	South Atlantic....	163	104	14,213	35,258	12,705	23,903	28,736	52,603	90,879	544	(3)	(3)	(3)
	South Carolina..	22	21	5,439	11,808	4,764	8,960	9,409	16,425	25,322	(2)	(3)	(3)	(3)
	Georgia.....	13	9	700	1,583	608	1,161	1,341	2,394	4,193	(2)	(3)	(3)	(3)
	Florida.....	80	34	1,807	5,884	1,488	2,610	4,199	9,770	17,593	(2)	(3)	(3)	(3)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2335	Women's dresses—Continued													
	East South Central	22	20	2,774	6,805	2,566	4,593	5,887	11,910	16,788	(2)	(3)	(3)	(3)
	Kentucky.....	6	6	425	1,209	366	779	914	1,812	3,193	(2)	(3)	(3)	(3)
	Tennessee.....	12	10	1,941	4,701	1,823	3,164	4,191	8,315	11,061	(2)	(3)	(3)	(3)
	West South Central	95	62	6,024	15,860	5,430	10,168	12,863	23,211	43,664	(2)	(3)	(3)	(3)
	Texas.....	84	55	4,592	12,509	4,042	7,530	9,736	18,784	36,236	(2)	(3)	(3)	(3)
	West.....	428	164	10,133	32,789	8,605	14,600	24,677	59,263	115,867	1,007	(3)	(3)	(3)
	Arizona.....	15	5	333	819	302	549	664	1,373	2,169	(2)	(3)	(3)	(3)
	California.....	401	154	9,409	30,947	7,943	13,433	23,120	55,874	109,758	973	(3)	(3)	(3)
2335-02	Women's dresses-Manufacturers, total..	1,351	666	55,015	183,640	46,338	82,816	135,888	320,924	609,383	4,220	(3)	(3)	(3)
	New England.....	52	29	2,636	8,643	2,295	4,099	6,755	15,407	30,847	(2)	(3)	(3)	(3)
	Middle Atlantic...	729	334	22,159	81,119	18,159	32,022	60,102	143,791	274,722	1,995	(3)	(3)	(3)
	New York.....	599	264	15,909	64,071	13,011	23,535	47,064	113,861	217,615	1,657	(3)	(3)	(3)
	New Jersey.....	43	17	1,153	3,246	982	1,760	2,580	5,757	10,909	(2)	(3)	(3)	(3)
	Pennsylvania.....	87	53	5,097	13,802	4,166	6,727	10,458	24,173	46,198	(2)	(3)	(3)	(3)
	East North Central	101	74	7,988	27,247	6,523	11,776	17,863	44,645	86,790	562	(3)	(3)	(3)
	Illinois.....	74	54	4,969	17,507	4,114	7,331	11,443	25,672	53,120	(2)	(3)	(3)	(3)
	West North Central	51	34	4,674	15,165	3,976	7,234	11,252	26,653	46,276	(2)	(3)	(3)	(3)
	Missouri.....	37	25	3,903	12,931	3,276	5,965	9,384	22,606	39,467	(2)	(3)	(3)	(3)
	South Atlantic....	103	59	6,089	16,452	5,380	9,769	12,761	28,316	56,204	(2)	(3)	(3)	(3)
	South Carolina...	5	5	1,532	3,452	1,414	2,682	2,903	6,774	14,744	(2)	(3)	(3)	(3)
	Georgia.....	9	6	578	1,336	499	988	1,124	2,020	3,808	(2)	(3)	(3)	(3)
	Florida.....	66	30	1,561	5,274	1,277	2,253	3,699	8,977	16,237	(2)	(3)	(3)	(3)
	East South Central	11	10	1,372	3,713	1,233	2,194	3,108	7,913	12,613	(2)	(3)	(3)	(3)
	Tennessee.....	5	4	874	2,343	796	1,381	2,057	5,236	7,843	(2)	(3)	(3)	(3)
	West South Central	68	43	4,268	11,759	3,815	7,265	9,256	17,696	36,410	(2)	(3)	(3)	(3)
	Texas.....	61	40	3,643	10,172	3,201	6,039	7,743	15,502	31,261	(2)	(3)	(3)	(3)
	West.....	236	83	5,829	19,542	4,957	8,457	14,791	36,503	65,521	667	(3)	(3)	(3)
	Arizona.....	11	3	160	386	138	249	277	721	1,463	(2)	(3)	(3)	(3)
	California.....	213	75	5,278	18,133	4,459	7,590	13,621	33,766	60,118	636	(3)	(3)	(3)
2335-03	Women's dresses-Jobbers, total..	720	299	19,732	116,384	10,880	21,183	51,289	268,730	1,048,949	1,597	(3)	(3)	(3)
	New England.....	23	11	996	5,142	478	1,015	1,625	13,186	57,431	(2)	(3)	(3)	(3)
	Middle Atlantic...	626	270	16,031	101,120	8,570	16,647	44,122	247,760	902,866	1,256	(3)	(3)	(3)
	New York.....	601	256	14,339	91,871	7,593	14,647	39,965	223,325	814,266	1,181	(3)	(3)	(3)
	New Jersey.....	13	7	858	4,681	573	1,157	2,747	12,552	44,314	(2)	(3)	(3)	(3)
	Pennsylvania.....	12	7	834	4,568	404	843	1,410	11,883	44,286	(2)	(3)	(3)	(3)
	East North Central	6	5	780	2,807	630	1,208	1,993	5,176	19,815	(2)	(3)	(3)	(3)
	West North Central	7	4	715	1,823	538	981	1,123	6,566	17,795	(2)	(3)	(3)	(3)
	South.....	8	1	395	1,265	262	576	812	3,601	14,134	(2)	(3)	(3)	(3)
	West.....	50	8	815	4,227	402	756	1,614	10,441	36,908	(2)	(3)	(3)	(3)
2335-04	Women's dresses-Contractors, total..	2,582	1,934	109,970	287,952	103,754	175,896	264,640	363,309	385,090	3,619	(3)	(3)	(3)
	New England.....	215	191	13,897	36,304	13,072	21,714	32,780	46,152	51,287	(2)	(3)	(3)	(3)
	Massachusetts...	131	115	8,969	23,456	8,419	13,975	21,140	29,838	33,749	(2)	(3)	(3)	(3)
	Connecticut.....	58	51	3,204	8,934	3,026	5,076	8,099	11,494	12,596	(2)	(3)	(3)	(3)
	Middle Atlantic...	2,037	1,519	74,854	201,578	71,000	118,431	187,215	254,951	266,919	2,531	(3)	(3)	(3)
	New York.....	1,423	995	44,722	132,319	42,577	73,116	123,824	166,611	172,539	1,537	(3)	(3)	(3)
	New Jersey.....	268	221	10,276	25,678	9,763	15,313	23,967	31,432	33,189	(2)	(3)	(3)	(3)
	Pennsylvania.....	346	303	19,856	43,581	18,660	30,002	39,424	56,908	61,191	691	(3)	(3)	(3)
	East North Central	76	62	5,220	12,393	4,933	8,992	11,315	15,061	16,538	(2)	(3)	(3)	(3)
	West North Central	22	16	1,623	3,923	1,492	2,512	3,509	4,628	4,938	(2)	(3)	(3)	(3)
	South.....	90	73	10,887	24,734	10,011	18,860	21,549	30,198	31,970	(2)	(3)	(3)	(3)
	South Carolina...	17	16	3,907	8,356	3,350	6,278	6,506	9,651	10,578	(2)	(3)	(3)	(3)
	Georgia.....	4	3	122	247	109	173	217	374	385	(2)	(3)	(3)	(3)
	Tennessee.....	7	6	1,067	2,358	1,027	1,783	2,134	3,079	3,218	(2)	(3)	(3)	(3)
	West.....	142	73	3,489	9,020	3,246	5,387	8,272	12,319	13,438	(2)	(3)	(3)	(3)
2337	Women's suits, coats and skirts, total..	2,683	1,350	84,145	309,671	70,651	123,278	229,374	514,901	1,233,227	6,984	96,022	529,623	82,721
	New England.....	204	130	8,028	27,086	6,781	11,720	19,788	46,942	112,431	(2)	8,103	42,009	(NA)
	Massachusetts...	173	109	6,440	21,998	5,417	9,305	15,787	38,696	98,636	(2)	6,270	34,713	(NA)
	Middle Atlantic...	1,959	938	54,528	205,370	45,475	79,598	152,361	339,270	850,468	4,760	62,290	356,307	(NA)
	New York.....	1,632	703	39,161	159,081	31,376	55,319	111,754	278,135	757,777	4,074	45,983	289,716	(NA)
	New Jersey.....	260	190	11,622	35,969	10,765	18,636	32,181	46,834	71,486	533	12,634	52,243	(NA)
	Pennsylvania.....	67	45	3,745	10,320	3,334	5,643	8,426	14,301	21,205	(2)	3,673	14,348	(NA)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2337	Women's suits, coats and skirts—Con.													
	East North Central	99	52	4,470	18,047	3,837	6,816	13,730	29,030	58,198	(2)	5,052	26,097	(NA)
	Ohio.....	14	9	754	2,503	648	1,165	1,801	3,708	7,777	(2)	1,238	5,963	(NA)
	Indiana.....	6	3	360	980	302	555	746	2,944	5,189	(2)	274	707	(NA)
	Illinois.....	64	27	2,554	12,084	2,210	3,910	9,317	18,518	37,822	(2)	2,804	16,419	(NA)
	Michigan.....	5	5	175	566	153	249	464	1,007	1,710	(2)	231	993	(NA)
	Wisconsin.....	10	8	627	1,914	524	937	1,402	2,853	5,700	(2)	505	2,015	(NA)
	West North Central	54	43	4,116	15,338	3,452	6,211	10,478	25,119	55,374	(2)	4,363	23,611	(NA)
	Missouri.....	37	29	3,079	11,886	2,578	4,542	8,002	18,126	40,929	(2)	3,325	18,817	(NA)
	South Atlantic.....	43	23	2,191	6,541	1,890	3,049	5,100	10,466	26,695	(2)	3,245	13,863	(NA)
	Maryland.....	19	12	1,267	4,452	1,046	1,679	3,212	7,507	20,236	(2)	1,608	7,915	(NA)
	Georgia.....	8	4	267	836	257	432	821	1,189	2,755	(2)	270	885	(NA)
	East South Central	9	6	1,078	2,554	1,005	1,601	2,088	3,287	6,908	(2)	2,111	7,685	(NA)
	West South Central	27	19	1,209	3,561	1,038	2,007	2,549	5,448	10,289	(2)	1,715	6,757	(NA)
	Texas.....	24	19	1,197	3,548	1,028	1,990	2,538	5,444	10,187	(2)	1,715	6,757	(NA)
	Mountain.....	6	4	322	835	297	542	645	1,311	2,397	(2)	245	1,012	(NA)
	Pacific.....	282	135	8,203	30,339	6,876	11,734	22,635	54,028	110,467	826	8,898	52,282	(NA)
	California.....	263	125	7,814	29,237	6,547	11,255	21,817	52,345	107,141	795	8,314	50,153	(NA)
2337-02	Women's suits, coats and skirts—Manufacturers, total.....	970	430	30,088	120,168	24,652	42,944	87,852	208,371	464,369	4,434	41,158	246,896	(NA)
	New England.....	57	26	2,106	8,126	1,700	3,024	5,459	14,907	32,393	(2)	2,553	15,793	(NA)
	Massachusetts....	40	18	1,364	5,556	1,133	2,040	3,686	9,629	21,842	(2)	(4)	(4)	(NA)
	Middle Atlantic....	566	221	13,750	58,664	10,758	18,587	42,298	108,589	261,198	2,899	18,743	128,987	(NA)
	New York.....	496	187	11,733	51,901	8,995	15,770	36,876	97,040	231,791	2,616	15,717	110,221	(NA)
	New Jersey.....	37	16	1,011	3,331	885	1,402	2,791	5,359	16,897	(2)	1,750	10,997	(NA)
	Pennsylvania.....	33	18	1,006	3,432	878	1,415	2,631	6,190	12,510	(2)	1,276	7,768	(NA)
	East North Central	71	37	3,238	14,083	2,764	4,885	10,773	21,670	43,256	(2)	3,926	21,329	(NA)
	Illinois.....	49	22	2,250	10,806	1,944	3,467	8,418	16,627	32,233	(2)	2,254	13,780	(NA)
	West North Central	43	35	3,475	12,567	2,937	5,270	8,776	20,472	42,355	(2)	3,842	20,483	(NA)
	Missouri.....	27	22	2,461	9,236	2,063	3,601	6,300	13,987	29,504	(2)	(4)	(4)	(NA)
	South.....	56	29	2,334	6,884	2,021	3,590	5,177	10,410	21,987	(2)	5,397	21,661	(NA)
	Maryland.....	11	5	297	1,151	236	384	773	1,652	3,188	(2)	730	3,490	(NA)
	Mountain.....	6	4	322	835	297	542	645	1,311	2,397	(2)	(5)	(5)	(NA)
	Pacific.....	171	78	4,863	19,009	4,175	7,046	14,724	31,012	60,783	602	56,695	538,637	(NA)
	California.....	158	71	4,585	18,198	3,940	6,679	14,110	29,757	58,188	572	5,995	35,918	(NA)
2337-03	Women's suits, coats and skirts—Jobbers, total.....	496	132	9,048	55,917	4,001	7,916	19,770	138,754	588,567	897	9,835	128,620	(NA)
	New England.....	37	20	1,143	6,012	578	1,051	2,656	16,135	62,912	(2)	883	11,338	(NA)
	Massachusetts....	37	20	1,143	6,012	578	1,051	2,656	16,135	62,912	(2)	(4)	(4)	(NA)
	Middle Atlantic....	407	97	6,479	42,423	2,749	5,575	14,622	100,315	450,092	656	7,819	102,756	(NA)
	New York.....	397	95	6,306	41,573	2,695	5,464	14,346	97,427	436,746	649	7,460	98,305	(NA)
	New Jersey.....	10	2	173	850	54	111	276	2,888	13,346	(2)	338	4,244	(NA)
	North Central.....	15	5	316	1,923	121	216	396	5,943	20,770	(2)	294	3,316	(NA)
	South.....	5	4	501	2,056	350	643	1,210	4,383	16,706	(2)	160	3,123	(NA)
	West.....	32	6	609	3,503	203	431	886	11,978	38,087	99	679	8,087	(NA)
2337-04	Women's suits, coats and skirts—Contractors, total.....	1,217	788	45,009	133,586	41,998	72,418	121,752	167,776	180,291	1,653	45,028	154,106	(NA)
	New England.....	110	84	4,779	12,948	4,503	7,645	11,673	15,900	17,126	(2)	4,663	14,881	(NA)
	Massachusetts....	96	71	3,933	10,430	3,706	6,214	9,445	12,932	13,882	(2)	3,491	10,872	(NA)
	Middle Atlantic....	986	620	34,299	104,283	31,968	55,436	95,441	130,366	139,178	1,205	35,732	124,565	(NA)
	New York.....	739	421	21,122	65,607	19,686	34,085	60,532	83,668	89,240	809	22,805	81,189	(NA)
	New Jersey.....	213	172	10,438	31,788	9,826	17,123	29,114	38,587	41,243	(2)	10,545	37,001	(NA)
	Pennsylvania.....	34	27	2,739	6,888	2,456	4,228	5,795	8,111	8,695	(2)	2,380	6,374	(NA)
	North Central.....	24	18	1,557	4,812	1,467	2,656	4,263	6,064	7,191	(2)	1,352	4,567	(NA)
	Wisconsin.....	4	4	352	976	317	588	822	1,335	1,541	(2)	(4)	(4)	(NA)
	South.....	18	15	1,643	3,716	1,562	2,424	3,350	4,408	5,199	(2)	1,512	3,520	(NA)
	Pacific.....	79	51	2,731	7,827	2,498	4,257	7,025	11,038	11,597	(2)	1,768	6,570	(NA)
2339	Women's outerwear, nec, total.....	1,155	553	43,663	130,779	37,269	68,297	95,910	227,598	506,298	3,560	(3)	(3)	(3)
	New England.....	94	47	3,045	9,049	2,680	4,718	6,675	15,180	29,112	(2)	(3)	(3)	(3)
	Middle Atlantic....	627	266	17,820	54,304	15,110	27,257	39,450	93,061	232,693	1,594	(3)	(3)	(3)
	New York.....	485	193	11,752	38,332	9,688	17,441	26,545	69,096	185,338	1,122	(3)	(3)	(3)
	New Jersey.....	70	33	1,892	4,781	1,702	2,923	3,789	7,830	15,483	(2)	(3)	(3)	(3)
	Pennsylvania.....	72	40	4,176	11,191	3,720	6,893	9,116	16,135	31,872	(2)	(3)	(3)	(3)
	East North Central	67	32	2,838	9,360	2,348	4,361	6,039	18,918	43,115	(2)	(3)	(3)	(3)
	Illinois.....	34	13	913	2,515	827	1,586	2,096	4,005	6,910	(2)	(3)	(3)	(3)
	Michigan.....	8	3	164	414	135	264	331	730	2,002	(2)	(3)	(3)	(3)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of production	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2339	Women's outerwear, nec—Continued													
	West North Central	49	31	2,540	7,326	2,242	4,191	5,695	14,362	27,743	(2)	(3)	(3)	(3)
	South Atlantic....	85	55	6,292	15,696	5,564	10,155	12,298	23,756	51,033	(2)	(3)	(3)	(3)
	Maryland.....	21	18	1,424	4,454	1,181	2,264	2,950	7,283	18,863	(2)	(3)	(3)	(3)
	North Carolina...	5	3	1,506	3,363	1,360	2,482	2,940	5,743	12,914	(2)	(3)	(3)	(3)
	Georgia.....	15	11	931	2,013	812	1,370	1,646	2,918	4,918	(2)	(3)	(3)	(3)
	Florida.....	24	8	545	1,363	492	915	1,113	2,130	3,930	(2)	(3)	(3)	(3)
	East South Central	21	15	1,274	2,852	1,125	2,074	2,342	4,102	5,747	(2)	(3)	(3)	(3)
	Alabama.....	9	6	345	826	282	529	621	1,311	2,065	(2)	(3)	(3)	(3)
	Mississippi.....	4	3	519	1,093	476	891	955	1,677	2,158	(2)	(3)	(3)	(3)
	West South Central	33	20	1,737	4,636	1,608	2,980	3,767	6,947	16,355	(2)	(3)	(3)	(3)
	Texas.....	23	15	1,433	3,990	1,330	2,507	3,229	6,072	14,672	(2)	(3)	(3)	(3)
	Mountain.....	13	8	484	1,349	404	760	935	2,116	4,259	(2)	(3)	(3)	(3)
	Pacific.....	166	79	7,633	26,207	6,188	11,801	18,709	49,156	96,241	677	(3)	(3)	(3)
	California.....	154	74	6,512	22,336	5,362	10,268	16,297	43,572	83,184	655	(3)	(3)	(3)
2339-02	Women's outerwear, nec-Manufacturers, total.....	563	234	23,234	71,887	19,615	36,687	52,361	127,280	275,018	2,105	(3)	(3)	(3)
	New England.....	45	16	1,215	3,696	1,083	1,944	2,680	5,920	12,359	(2)	(3)	(3)	(3)
	Middle Atlantic....	262	92	7,275	22,622	6,156	11,406	16,869	39,288	89,951	852	(3)	(3)	(3)
	New York.....	205	72	4,987	16,112	4,200	7,689	11,822	29,469	66,382	575	(3)	(3)	(3)
	New Jersey.....	24	5	364	1,124	331	599	843	2,003	4,771	(2)	(3)	(3)	(3)
	Pennsylvania....	33	15	1,924	5,386	1,625	3,118	4,204	7,816	18,798	(2)	(3)	(3)	(3)
	East North Central	48	20	1,567	4,405	1,342	2,387	3,176	7,599	16,751	(2)	(3)	(3)	(3)
	Illinois.....	22	7	534	1,494	482	906	1,236	2,582	4,825	35	(3)	(3)	(3)
	West North Central	31	16	1,511	4,468	1,324	2,555	3,397	9,237	17,912	(2)	(3)	(3)	(3)
	South Atlantic....	46	25	3,866	10,239	3,312	6,043	7,357	16,305	40,416	(2)	(3)	(3)	(3)
	Maryland.....	8	8	743	2,732	543	1,086	1,407	4,674	13,794	(2)	(3)	(3)	(3)
	North Carolina..	5	3	1,506	3,363	1,360	2,482	2,940	5,743	12,914	(2)	(3)	(3)	(3)
	East South Central	8	7	452	1,163	394	778	942	1,788	3,165	(2)	(3)	(3)	(3)
	Alabama.....	4	4	258	642	207	415	464	1,063	1,754	(2)	(3)	(3)	(3)
	West South Central	23	15	1,485	4,079	1,371	2,563	3,278	6,188	15,383	(2)	(3)	(3)	(3)
	West.....	100	43	5,863	21,215	4,633	9,011	14,662	40,955	79,081	(2)	(3)	(3)	(3)
	California.....	78	31	4,304	16,069	3,437	6,773	11,367	33,394	62,062	(2)	(3)	(3)	(3)
2339-03	Women's outerwear, nec-Jobbers, total.	158	37	3,455	17,337	1,859	3,484	6,354	46,260	170,814	562	(NA)	(NA)	(NA)
	New England.....	9	4	199	1,086	70	140	218	3,730	10,646	(2)	(NA)	(NA)	(NA)
	Middle Atlantic....	115	22	1,956	10,244	920	1,739	3,304	25,688	110,510	(2)	(NA)	(NA)	(NA)
	New York.....	105	20	1,736	9,291	801	1,574	2,997	22,840	100,415	(2)	(NA)	(NA)	(NA)
	New Jersey.....	5	2	168	637	102	134	246	1,767	6,209	(2)	(NA)	(NA)	(NA)
	North Central....	8	3	759	3,930	518	985	1,765	11,243	30,455	(2)	(NA)	(NA)	(NA)
	South.....	7	2	177	605	135	265	438	1,436	4,357	(2)	(NA)	(NA)	(NA)
	Pacific.....	19	6	364	1,472	216	355	629	4,163	14,846	(2)	(NA)	(NA)	(NA)
2339-04	Women's outerwear, nec-Contractors, total.....	434	282	16,974	41,555	15,795	28,126	37,195	54,058	60,466	893	(NA)	(NA)	(NA)
	New England.....	40	27	1,631	4,267	1,527	2,634	3,777	5,530	6,107	(2)	(NA)	(NA)	(NA)
	Middle Atlantic....	250	152	8,589	21,438	8,034	14,112	19,277	28,085	32,232	(2)	(NA)	(NA)	(NA)
	New York.....	175	101	5,029	12,929	4,687	8,178	11,726	16,787	18,541	(2)	(NA)	(NA)	(NA)
	New Jersey.....	41	26	1,360	3,020	1,269	2,190	2,700	4,060	4,503	(2)	(NA)	(NA)	(NA)
	Pennsylvania....	34	25	2,200	5,489	2,078	3,744	4,851	7,238	9,188	(2)	(NA)	(NA)	(NA)
	North Central....	29	24	1,541	3,883	1,406	2,625	3,396	5,201	5,740	(2)	(NA)	(NA)	(NA)
	South.....	55	41	3,323	7,098	3,085	5,560	6,392	9,088	9,814	(2)	(NA)	(NA)	(NA)
	Georgia.....	8	7	708	1,433	619	1,037	1,254	1,892	2,038	(2)	(NA)	(NA)	(NA)
	West.....	60	38	1,890	4,869	1,743	3,195	4,353	6,154	6,573	106	(NA)	(NA)	(NA)

Note: Detailed figures may not add to the totals because of independent rounding. <sup>1</sup>Revised.<sup>2</sup> Withheld to avoid disclosing figures for individual companies.

<sup>3</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2331, Women's Blouses: New England—New Hampshire, 1 (20-99); Massachusetts, 53 (1,000-2,499); East North Central—Ohio, 4 (250-499); Indiana, 2 (100-249); Michigan, 3 (100-249); Wisconsin, 2 (100-249); West North Central—Minnesota, 1 (1-19); Missouri, 11 (500-999); Nebraska, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Delaware, 2 (100-249); Maryland, 5 (250-499); Virginia, 3 (250-499); West Virginia, 2 (100-249); East South Central—Kentucky, 3 (250-499); Tennessee, 1 (20-99); Mississippi, 2 (250-499); West South Central—Arkansas, 3 (250-499); Oklahoma, 1 (100-249); West—Arizona, 1 (20-99); Utah, 1 (100-249); Washington, 6 (20-99); Oregon, 1 (1-19).

Footnotes continued next page.



Footnotes for Table 2—23B

SIC 2331, Women's Blouses-Manufacturers: New England—Massachusetts, 13 (250-499); Connecticut, 3 (20-99); Middle Atlantic—New Jersey, 6 (20-99); Pennsylvania, 30 (1,000-2,499); North Central—Ohio, 2 (250-499); Indiana, 2 (100-249); Michigan, 2 (20-99); Wisconsin, 1 (20-99); Minnesota, 1 (1-19); Missouri, 3 (100-249); Nebraska, 1 (20-99); Kansas, 1 (20-99); South—Delaware, 1 (100-249); Maryland, 1 (250-499); Virginia, 1 (20-99); North Carolina, 2 (20-99); South Carolina, 1 (20-99); Georgia, 1 (20-99); Florida, 5 (20-99); Alabama, 2 (100-249); West South Central—Arkansas, 2 (250-499); Oklahoma, 1 (100-249); Pacific—Washington, 5 (20-99); Oregon, 1 (1-19).

SIC 2331, Women's Blouses-Jobbers: New England—Massachusetts, 5 (20-99); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 2 (100-249); Pennsylvania, 6 (250-499); North Central, South and West—Illinois, 1 (1-19); North Carolina, 3 (20-99); Georgia, 1 (20-99); Florida, 1 (1-19); California, 21 (250-499).

SIC 2331, Women's Blouses-Contractors: New England—New Hampshire, 1 (20-99); Massachusetts, 35 (1,000-2,499); Connecticut, 13 (500-999); North Central, South and West—Ohio, 2 (20-99); Illinois, 7 (100-249); Michigan, 1 (1-19); Wisconsin, 1 (20-99); Missouri, 8 (250-499); Delaware, 1 (20-99); Maryland, 4 (100-249); District of Columbia, 2 (250-499); West Virginia, 2 (100-249); South Carolina, 9 (1,000-2,499); Georgia, 7 (500-999); Florida, 2 (20-99); Kentucky, 3 (250-499); Tennessee, 1 (20-99); Alabama, 2 (20-99); Mississippi, 2 (250-499); Arkansas, 1 (20-99); Arizona, 1 (20-99); Utah, 1 (100-249); Washington, 1 (1-19); California, 91 (1,000-2,499).

SIC 2335, Women's Dresses: New England—Maine, 5 (250-499); New Hampshire, 4 (250-499); East North Central—Ohio, 27 (1,965); Michigan, 6 (20-99); Wisconsin, 10 (1,000-2,499); West North Central—Iowa, 1 (250-499); Nebraska, 3 (20-99); South Atlantic—Delaware, 2 (100-249); Maryland, 15 (1,000-2,499); Virginia, 10 (2,154); West Virginia, 5 (1,243); North Carolina, 16 (1,104); East South Central—Alabama, 3 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 6 (1,337); Louisiana, 2 (1-19); Oklahoma, 3 (20-99); West—Colorado, 2 (20-99); New Mexico, 4 (20-99); Utah, 2 (100-249); Nevada, 1 (1-19); Washington, 3 (20-99).

SIC 2335, Women's Dresses-Manufacturers: New England—Vermont, 2 (250-499); Massachusetts, 39 (1,000-2,499); Rhode Island, 1 (1-19); Connecticut, 10 (250-499); East North Central—Ohio, 14 (1,000-2,499); Indiana, 3 (500-999); Michigan, 5 (20-99); Wisconsin, 6 (1,000-2,499); West North Central—Minnesota, 9 (500-999); Nebraska, 3 (20-99); Kansas, 2 (100-249); South Atlantic—Delaware, 1 (20-99); Maryland, 9 (500-999); Virginia, 3 (250-499); West Virginia, 2 (500-999); North Carolina, 8 (250-499); East South Central—Kentucky, 4 (100-249); Alabama, 2 (250-499); West South Central—Arkansas, 2 (500-999); Louisiana, 2 (1-19); Oklahoma, 3 (20-99); West—Colorado, 2 (20-99); New Mexico, 4 (20-99); Utah, 2 (100-249); Nevada, 1 (1-19); Washington, 3 (20-99).

SIC 2335, Women's Dresses-Jobbers: New England—Massachusetts, 21 (500-999); Connecticut, 2 (20-99); East North Central—Ohio, 2 (100-249); Illinois, 3 (500-999); Wisconsin, 1 (1-19); West North Central—Missouri, 6 (500-999); Kansas, 1 (1-19); South—Virginia, 1 (250-499); North Carolina, 1 (1-19); Florida, 3 (1-19); Texas, 3 (20-99); West—Arizona, 1 (1-19); California, 49 (500-999).

SIC 2335, Women's Dresses-Contractors: New England—Maine, 5 (250-499); New Hampshire, 4 (250-499); Vermont, 4 (250-499); Rhode Island, 13 (500-999); East North Central—Ohio, 11 (500-999); Indiana, 3 (250-499); Illinois, 57 (2,500-4,999); Michigan, 1 (1-19); Wisconsin, 4 (250-499); West North Central—Minnesota, 1 (20-99); Iowa, 1 (250-499); Missouri, 17 (500-999); Kansas, 3 (250-499); South—Delaware, 1 (20-99); Maryland, 6 (500-999); Virginia, 6 (1,000-2,499); West Virginia, 3 (500-999); North Carolina, 7 (500-999); Florida, 11 (100-249); Kentucky, 2 (100-249); Alabama, 1 (20-99); Mississippi, 1 (20-99); Arkansas, 4 (500-999); Texas, 20 (500-999); West—Arizona, 3 (100-249); California, 139 (2,500-4,999).

SIC 2337, Women's Suits, Coats and Skirts: New England—Maine, 1 (1-19); New Hampshire, 1 (20-99); Rhode Island, 1 (20-99); Connecticut, 28 (1,513); West North Central—Minnesota, 12 (250-499); Nebraska, 2 (250-499); Kansas, 3 (100-249); South Atlantic—Delaware, 1 (20-99); Virginia, 2 (20-99); West Virginia, 1 (20-99); North Carolina, 2 (100-249); South Carolina, 2 (250-499); Florida, 8 (20-99); East South Central—Kentucky, 4 (500-999); Tennessee, 4 (250-499); Alabama, 1 (1-19); West South Central—Arkansas, 1 (1-19); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Mountain—Colorado, 2 (100-249); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 10 (100-249); Oregon, 9 (100-249).

SIC 2337, Women's Suits, Coats and Skirts-Manufacturers: New England—Maine, 1 (1-19); Connecticut, 16 (500-999); East North Central—Ohio, 11 (500-999); Indiana, 3 (100-249); Michigan, 4 (100-249); Wisconsin, 4 (100-249); West North Central—Minnesota, 11 (250-499); Nebraska, 2 (250-499); Kansas, 3 (100-249); South—Virginia, 2 (20-99); South Carolina, 1 (100-249); Georgia, 7 (250-499); Florida, 8 (20-99); Tennessee, 2 (250-499); Arkansas, 1 (1-19); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 22 (1,000-2,499); Mountain—Colorado, 2 (100-249); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 7 (100-249); Oregon, 6 (100-249).

SIC 2337, Women's Suits, Coats and Skirts-Jobbers: North Central—Indiana, 2 (20-99); Illinois, 6 (20-99); Wisconsin, 2 (100-249); Minnesota, 1 (20-99); Missouri, 4 (20-99); South—Delaware, 1 (20-99); Maryland, 3 (250-499); Alabama, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 31 (500-999).

SIC 2337, Women's Suits, Coats and Skirts-Contractors: New England—New Hampshire, 1 (20-99); Rhode Island, 1 (20-99); Connecticut, 12 (500-999); North Central—Ohio, 3 (100-249); Indiana, 1 (100-249); Illinois, 9 (250-499); Michigan, 1 (20-99); Missouri, 6 (500-999); South—Maryland, 5 (500-999); West Virginia, 1 (20-99); North Carolina, 2 (100-249); South Carolina, 1 (20-99); Georgia, 1 (1-19); Kentucky, 4 (500-999); Tennessee, 2 (100-249); Texas, 2 (100-249); Pacific—Washington, 3 (20-99); Oregon, 2 (20-99); California, 74 (2,500-4,999).

SIC 2339, Women's Outerwear, NEC: New England—Maine, 2 (100-249); New Hampshire, 2 (100-249); Massachusetts, 74 (1,000-2,499); Rhode Island, 2 (20-99); Connecticut, 14 (250-499); East North Central—Ohio, 11 (500-999); Indiana, 7 (250-499); Wisconsin, 7 (250-499); West North Central—Minnesota, 11 (250-499); Iowa, 2 (100-249); Missouri, 32 (1,000-2,499); South Dakota, 1 (1-19); Kansas, 3 (20-99); South Atlantic—Delaware, 1 (20-99); District of Columbia, 1 (1-19); Virginia, 15 (1,000-2,499); South Carolina, 3 (250-499); East South Central—Kentucky, 3 (20-99); Tennessee, 5 (250-499); West South Central—Arkansas, 5 (100-249); Louisiana, 2 (1-19); Oklahoma, 3 (100-249); Mountain—Colorado, 3 (100-249); New Mexico, 1 (1-19); Arizona, 7 (100-249); Utah, 2 (100-249); Pacific—Washington, 7 (500-999); Oregon, 5 (250-499).

SIC 2339, Women's Outerwear, NEC-Manufacturers: New England—Maine, 1 (1-19); Massachusetts, 36 (1,000-2,499); Rhode Island, 1 (1-19); Connecticut, 7 (100-249); East North Central—Ohio, 9 (250-499); Indiana, 5 (250-499); Michigan, 7 (100-249); Wisconsin, 5 (100-249); West North Central—Minnesota, 9 (100-249); Iowa, 2 (100-249); Missouri, 16 (500-999); South Dakota, 1 (1-19); Kansas, 3 (20-99); South Atlantic—Delaware, 1 (20-99); District of Columbia, 1 (1-19); Virginia, 5 (500-999); South Carolina, 2 (250-499); Georgia, 6 (100-249); Florida, 18 (250-499); East South Central—Kentucky, 2 (20-99); Tennessee, 1 (20-99); Mississippi, 1 (100-249); West South Central—Arkansas, 3 (20-99); Louisiana, 1 (1-19); Oklahoma, 2 (100-249); Texas, 17 (1,000-2,499); West—Colorado, 3 (100-249); New Mexico, 1 (1-19); Arizona, 6 (100-249); Utah, 2 (100-249); Washington, 5 (500-999); Oregon, 5 (250-499).

SIC 2339, Women's Outerwear, NEC-Jobbers: New England—Massachusetts, 7 (100-249); Connecticut, 2 (20-99); Middle Atlantic—Pennsylvania, 5 (20-99); North Central—Ohio, 1 (500-999); Illinois, 3 (1-19); Missouri, 4 (20-99); South—Maryland, 2 (100-249); Georgia, 1 (20-99); Tennessee, 1 (1-19); Alabama, 1 (1-19); Louisiana, 1 (1-19); Texas, 1 (1-19); Pacific—Washington, 1 (1-19); California, 18 (250-499).

SIC 2339, Women's Outerwear, NEC-Contractors: New England—Maine, 1 (100-249); New Hampshire, 2 (100-249); Massachusetts, 31 (1,000-2,499); Rhode Island, 1 (20-99); Connecticut, 5 (250-499); North Central—Ohio, 1 (20-99); Indiana, 2 (20-99); Illinois, 9 (250-499); Michigan, 1 (1-19); Wisconsin, 2 (100-249); West North Central—Minnesota, 2 (20-99); Missouri, 12 (500-999); South—Maryland, 11 (500-999); Virginia, 10 (500-999); South Carolina, 1 (20-99); Florida, 6 (20-99); Kentucky, 1 (20-99); Tennessee, 3 (250-499); Alabama, 4 (20-99); Mississippi, 3 (250-499); Arkansas, 2 (20-99); Oklahoma, 1 (20-99); Texas, 5 (100-249); West—Arizona, 1 (20-99); Washington, 1 (1-19); California, 58 (1,000-2,499).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).<sup>4</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>5</sup>Data for the Mountain States are included with the Pacific States.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2331	Women's blouses, total.....	1,236	722	46,317	121,341	41,089	71,204	95,897	189,265	417,769	2,237	42,980	165,352	32,883
	New England.....	70	46	2,734	6,981	2,502	4,462	5,968	9,433	14,863	(2)	1,946	6,383	1,359
	Middle Atlantic...	884	507	29,963	81,393	26,479	44,900	63,244	128,810	309,830	1,361	33,393	131,076	25,686
	New York.....	582	270	14,070	44,726	11,718	20,306	31,095	77,207	225,959	748	16,632	81,920	15,638
	New Jersey.....	61	39	2,258	5,514	1,970	3,161	4,586	8,619	15,128	(2)	2,447	7,965	2,500
	Pennsylvania....	241	198	13,635	31,153	12,791	21,433	27,563	42,984	68,743	550	14,314	41,191	7,548
	East North Central	32	24	1,604	4,603	1,343	2,334	3,216	7,823	13,635	(2)	938	3,971	(D)
	Illinois.....	21	15	772	2,193	665	1,122	1,739	3,630	5,472	(2)	(3)	(3)	(3)
	West North Central	14	11	812	2,187	676	1,194	1,595	3,049	5,064	(2)	325	1,214	(D)
	South Atlantic....	48	38	5,077	11,082	4,548	8,438	9,242	16,152	24,879	(2)	43,005	410,179	4885
	North Carolina..	9	6	603	1,420	541	975	1,134	2,196	6,410	(2)	377	684	(D)
	South Carolina..	10	9	2,210	4,521	1,935	3,806	3,835	6,289	6,637	(2)	(3)	(3)	(3)
	Georgia.....	9	9	880	1,992	829	1,640	1,746	2,394	3,774	(2)	(3)	(3)	(3)
	Florida.....	8	4	150	402	123	202	309	706	1,387	(2)	(3)	(3)	(3)
	East South Central	10	9	1,053	2,148	961	1,764	1,925	2,414	2,928	(2)	(4)	(4)	(4)
	Alabama.....	4	3	291	421	235	338	347	507	931	(2)	(3)	(3)	(3)
	West South Central	18	15	1,379	3,002	1,299	2,192	2,512	4,311	7,540	(2)	(4)	(4)	(4)
	Texas.....	14	12	945	1,955	883	1,387	1,575	2,633	4,014	(2)	657	1,798	(D)
	West.....	160	72	3,695	9,945	3,281	5,920	8,195	17,273	39,030	(2)	3,373	12,529	3,201
2335	Women's dresses, total.....	4,904	3,011	192,879	611,253	167,959	293,234	468,910	1,011,480	2,134,457	9,864	197,785	866,362	182,369
	New England.....	318	243	18,403	52,571	16,636	28,262	43,042	78,601	147,682	692	18,105	67,718	13,146
	Vermont.....	6	4	612	1,632	559	793	1,281	2,570	3,730	(2)	(3)	(3)	(3)
	Massachusetts...	214	161	12,725	37,372	11,317	19,375	29,525	56,447	115,497	541	12,489	49,622	8,785
	Connecticut.....	73	55	3,561	10,144	3,344	5,700	9,142	15,246	23,892	(2)	(3)	(3)	(3)
	Middle Atlantic...	3,496	2,163	115,621	392,026	99,784	171,105	296,866	661,849	1,486,321	5,932	120,878	562,367	113,852
	New York.....	2,700	1,543	76,862	294,624	64,641	114,186	214,819	516,373	1,241,318	4,515	84,644	453,378	84,158
	New Jersey.....	334	249	12,454	34,001	11,451	18,487	29,604	50,317	89,145	(2)	11,650	35,615	10,994
	Pennsylvania....	462	371	26,305	63,401	23,692	38,432	52,442	95,159	155,858	938	24,584	73,374	18,700
	East North Central	216	154	14,788	44,519	12,747	23,202	32,749	68,184	130,008	732	20,094	83,152	25,786
	Indiana.....	10	8	1,219	3,029	990	1,747	2,272	4,127	7,189	(2)	(3)	(3)	(3)
	Illinois.....	147	103	9,617	29,203	8,471	15,221	21,934	40,792	79,152	(3)	12,697	51,617	15,789
	Michigan.....	10	5	233	595	193	368	477	1,007	2,524	(2)	(3)	(3)	(3)
	West North Central	106	70	8,284	24,567	7,133	12,892	18,783	45,561	83,549	(2)	9,881	45,032	11,218
	Minnesota.....	17	10	865	2,347	762	1,317	1,872	3,989	6,332	(2)	(3)	(3)	(3)
	Missouri.....	78	53	6,507	19,801	5,508	10,058	14,683	37,925	71,170	(2)	7,970	38,468	9,310
	Kansas.....	7	5	497	1,476	467	878	1,353	2,455	4,454	(2)	(3)	(3)	(3)
	South Atlantic....	184	121	15,838	39,505	14,169	26,787	31,985	58,602	102,322	589	13,330	43,435	6,514
	Maryland.....	22	17	2,113	6,354	1,855	3,604	4,728	9,298	16,109	(2)	1,961	8,229	1,197
	Virginia.....	17	16	2,961	7,129	2,799	5,489	6,340	10,698	22,907	46	(3)	(3)	(3)
	South Carolina..	23	21	5,442	11,811	4,767	8,965	9,412	16,433	25,334	(2)	(3)	(3)	(3)
	Georgia.....	15	11	804	1,836	697	1,313	1,503	2,704	4,754	(2)	627	2,153	756
	Florida.....	83	36	2,043	6,523	1,708	3,091	4,696	10,651	19,401	(2)	1,826	6,936	287
	East South Central	26	23	3,007	7,296	2,766	4,932	6,265	12,768	17,867	(2)	2,369	7,862	1,619
	Kentucky.....	7	6	426	1,211	367	780	916	1,814	3,200	(2)	(3)	(3)	(3)
	West South Central	107	69	6,359	16,823	5,731	10,743	13,566	24,794	47,200	(2)	4,813	17,583	3,051
	Texas.....	92	61	4,885	13,384	4,308	8,044	10,367	20,207	39,518	(2)	(3)	(3)	(3)
	West.....	451	168	10,579	33,946	8,993	15,311	25,655	61,121	119,508	1,033	8,315	39,206	(D)
	California.....	418	157	9,783	31,938	8,265	14,040	23,975	57,507	112,991	994	7,465	35,870	6,594

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2331, Women's Blouses: New England—New Hampshire, 1 (20-99); Massachusetts, 53 (1,000-2,499); Connecticut, 16 (500-999); East North Central—Ohio, 4 (250-499); Indiana, 2 (100-249); Michigan, 3 (100-249); Wisconsin, 2 (100-249); West North Central—Minnesota, 1 (1-19); Missouri, 11 (500-999); Nebraska, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Delaware, 2 (100-249); Maryland, 5 (250-499); Virginia, 3 (250-449); West Virginia, 2 (100-249); East South Central—Kentucky, 3 (250-499); Tennessee, 1 (20-99); Mississippi, 2 (250-499); West South Central—Arkansas, 3 (250-499); Oklahoma, 1 (100-249); West—Arizona, 1 (20-99); Utah, 1 (100-249); Washington, 6 (20-99); Oregon, 1 (1-19); California, 151 (2,500-4,999).

SIC 2335, Women's Dresses: New England—Maine, 5 (250-499); New Hampshire, 4 (250-499); Rhode Island, 16 (500-999); East North Central—Ohio, 35 (1,000-2,499); Wisconsin, 14 (1,000-2,499); West North Central—Iowa, 1 (250-499); Nebraska, 3 (20-99); South Atlantic—Delaware, 2 (100-249); District of Columbia, 1 (1-19); West Virginia, 5 (1,243); North Carolina, 16 (1,104); East South Central—Tennessee, 13 (1,000-2,499); Alabama, 5 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 8 (1,000-2,499); Louisiana, 3 (1-19); Oklahoma, 4 (20-99); West—Colorado, 2 (20-99); New Mexico, 4 (20-99); Arizona, 16 (250-499); Utah, 3 (100-249); Nevada, 1 (1-19); Pacific—Washington, 4 (20-99); Oregon, 3 (1-19).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Data for East South Central and West South Central are included with the South Atlantic.



Table 3.—Detailed Statistics for the United States: 1958

Item	Women's blouses				Women's dresses			
	Total (SIC 2331)	Manufac- turers (SIC 2331- 02)	Jobbers (SIC 2331- 03)	Contractors (SIC 2331- 04)	Total (SIC 2335)	Manufac- turers (SIC 2335- 02)	Jobbers (SIC 2335- 03)	Contractors (SIC 2335- 04)
Primary product specialization ratio <sup>1</sup> .....	89	(NA)	(NA)	(NA)	97	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	78	(NA)	(NA)	(NA)	98	(NA)	(NA)	(NA)
Number of establishments, total.....	1,260	247	210	803	4,653	1,351	720	2,582
With 1-19 employees.....	525	130	150	245	1,754	685	421	648
With 20-99 employees.....	650	97	58	495	2,594	543	272	1,779
With 100 employees or more.....	85	20	2	63	305	123	27	155
Proprietors and working partners.....Number..	864	153	66	645	2,857	773	197	1,887
All employees:								
Number (average for the year).....	47,484	8,823	4,045	34,616	184,717	55,015	19,732	109,970
Payroll.....\$1,000..	125,581	25,427	20,722	79,432	587,976	183,640	116,384	287,952
Production workers:								
Number (average for the year).....	41,867	7,492	1,966	32,409	160,972	46,338	10,880	103,754
March.....	41,194	(NA)	(NA)	(NA)	155,804	(NA)	(NA)	(NA)
May.....	41,278	(NA)	(NA)	(NA)	166,198	(NA)	(NA)	(NA)
August.....	42,340	(NA)	(NA)	(NA)	160,435	(NA)	(NA)	(NA)
November.....	42,706	(NA)	(NA)	(NA)	161,451	(NA)	(NA)	(NA)
Man-hours.....1,000..	72,572	13,308	3,703	55,561	279,895	82,816	21,183	175,896
January-March.....do....	17,394	(NA)	(NA)	(NA)	68,267	(NA)	(NA)	(NA)
April-June.....do....	18,190	(NA)	(NA)	(NA)	72,701	(NA)	(NA)	(NA)
July-September.....do....	18,290	(NA)	(NA)	(NA)	67,892	(NA)	(NA)	(NA)
October-December.....do....	18,698	(NA)	(NA)	(NA)	71,035	(NA)	(NA)	(NA)
Wages.....\$1,000..	98,251	19,017	7,143	72,091	451,817	135,888	51,289	264,640
Cost of materials, etc., total.....do....	253,185	56,374	188,085	8,726	1,072,733	288,241	762,183	22,309
Materials, parts, containers, and supplies consumed.....do....	164,820	47,642	111,709	5,469	689,474	243,382	433,657	12,435
Cost of resales.....do....	3,221	1,676	1,459	86	4,761	3,709	857	195
Fuels consumed.....do....	309	45	25	239	1,476	637	116	723
Electricity purchased.....do....	1,077	232	249	596	5,526	1,805	1,294	2,427
Contract work.....do....	83,758	6,779	74,643	2,336	371,496	38,708	326,259	6,529
Value of production (including resales), total.....do....	454,103	100,769	242,538	110,796	2,043,422	609,383	1,048,949	385,090
Value of resales.....do....	3,849	2,031	1,723	95	5,255	4,050	995	210
Value added by manufacture, adjusted...do....	200,164	44,176	54,026	101,962	970,963	320,924	286,730	363,309
Manufacturers' inventories:								
Beginning of year, total.....do....	31,871	12,703	16,342	2,826	136,208	62,699	68,618	4,891
Finished products.....do....	13,786	5,712	7,211	863	43,861	20,730	22,236	895
Work-in-process.....do....	7,146	2,396	3,837	913	32,420	12,670	18,093	1,657
Materials, supplies, fuel, etc.....do....	10,939	4,595	5,294	1,050	59,927	29,299	28,289	2,339
End of year, total.....do....	31,489	12,141	16,809	2,539	133,506	59,819	68,328	5,359
Finished products.....do....	14,111	5,450	7,890	771	42,507	19,728	22,224	555
Work-in-process.....do....	6,392	2,177	3,410	805	32,694	12,452	18,057	2,185
Materials, supplies, fuel, etc.....do....	10,986	4,514	5,509	963	58,305	27,639	28,047	2,619
Expenditures for plant and equipment, total.....do....	2,506	558	257	1,691	10,089	4,396	1,712	3,981
New, total.....do....	2,277	525	255	1,497	9,436	4,220	1,597	3,619
New structures and additions to plant.....do....	368	122	69	177	1,735	931	359	445
New machinery and equipment.....do....	1,909	403	186	1,320	7,701	3,289	1,238	3,174
Used plant and equipment.....do....	229	33	2	194	653	176	115	362

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958-Continued

Item	Women's suits, coats, and skirts				Women's outerwear, nec			
	Total (SIC 2337)	Manufac- turers (SIC 2337- 02)	Jobbers (SIC 2337- 03)	Contractors (SIC 2337- 04)	Total (SIC 2339)	Manufac- turers (SIC 2339- 02)	Jobbers (SIC 2339- 03)	Contractors (SIC 2339- 04)
Primary product specialization ratio <sup>1</sup> .....	93	(NA)	(NA)	(NA)	81	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	93	(NA)	(NA)	(NA)	52	(NA)	(NA)	(NA)
Number of establishments, total.....	2,683	970	496	1,217	1,155	563	158	434
With 1-19 employees.....	1,333	540	364	429	602	329	121	152
With 20-99 employees.....	1,214	374	117	723	468	182	31	255
With 100 employees or more.....	136	56	15	65	85	52	6	27
Proprietors and working partners.....Number..	1,566	587	152	827	684	372	41	271
All employees:								
Number (average for the year).....	84,145	30,088	9,048	45,009	43,663	23,234	3,455	16,974
Payroll.....\$1,000..	309,671	120,168	55,917	133,586	130,779	71,887	17,337	41,555
Production workers:								
Number (average for the year).....	70,651	24,652	4,001	41,998	37,269	19,615	1,859	15,795
March.....	71,781	(NA)	(NA)	(NA)	38,707	(NA)	(NA)	(NA)
May.....	58,923	(NA)	(NA)	(NA)	37,325	(NA)	(NA)	(NA)
August.....	78,423	(NA)	(NA)	(NA)	35,400	(NA)	(NA)	(NA)
November.....	73,477	(NA)	(NA)	(NA)	37,716	(NA)	(NA)	(NA)
Man-hours.....1,000..	123,278	42,944	7,916	72,418	68,297	36,687	3,484	28,126
January-March.....do....	31,054	(NA)	(NA)	(NA)	17,744	(NA)	(NA)	(NA)
April-June.....do....	25,703	(NA)	(NA)	(NA)	17,437	(NA)	(NA)	(NA)
July-September.....do....	34,123	(NA)	(NA)	(NA)	16,049	(NA)	(NA)	(NA)
October-December.....do....	32,398	(NA)	(NA)	(NA)	17,067	(NA)	(NA)	(NA)
Wages.....\$1,000..	229,374	87,852	19,770	121,752	95,910	52,361	6,354	37,195
Cost of materials, etc., total.....do....	717,506	255,362	449,819	12,325	281,157	148,405	126,242	6,510
Materials, parts, containers, and supplies consumed.....do....	521,377	226,139	287,397	7,841	201,304	120,299	76,986	4,019
Cost of resales.....do....	10,793	3,587	6,360	846	15,513	12,281	3,195	37
Fuels consumed.....do....	1,094	442	186	466	435	279	43	113
Electricity purchased.....do....	3,143	1,241	790	1,112	1,187	638	226	323
Contract work.....do....	181,099	23,953	155,086	2,060	62,718	14,908	45,792	2,018
Value of production (including resales), total.....do....	1,233,227	464,369	588,567	180,291	506,298	275,018	170,814	60,466
Value of resales.....do....	13,204	3,835	8,276	1,093	19,243	15,236	3,966	41
Value added by manufacture, adjusted...do....	514,901	208,371	138,754	167,776	227,598	127,280	46,260	54,058
Manufacturers' inventories:								
Beginning of year, total.....do....	104,192	50,282	49,311	4,599	67,031	47,871	17,396	1,764
Finished products.....do....	37,073	16,337	19,681	1,055	34,235	24,869	8,741	625
Work-in-process.....do....	17,683	7,333	8,595	1,755	10,312	6,852	2,977	483
Materials, supplies, fuel, etc.....do....	49,436	26,612	21,035	1,789	22,484	16,150	5,678	656
End of year, total.....do....	101,935	47,655	50,509	3,771	66,538	46,984	17,770	1,784
Finished products.....do....	36,790	15,974	20,022	794	32,362	23,616	8,220	526
Work-in-process.....do....	16,863	6,697	8,601	1,565	12,769	7,519	4,665	585
Materials, supplies, fuel, etc.....do....	48,282	24,984	21,886	1,412	21,407	15,849	4,885	673
Expenditures for plant and equipment, total.....do....	7,327	4,578	918	1,831	4,510	2,862	660	988
New, total.....do....	6,984	4,434	897	1,653	3,560	2,105	562	893
New structures and additions to plant.....do....	3,393	2,683	256	454	1,248	922	185	141
New machinery and equipment.....do....	3,591	1,751	641	1,199	2,312	1,183	377	752
Used plant and equipment.....do....	343	144	21	178	950	757	98	95

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of production of primary products of establishments (classified in the industry is expressed as a ratio to the total value of production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total value of production of primary products made by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2331	Women's blouses, total:											
	Number of establishments.....	1,260	135	138	252	470	180	70	14	1	...	...
	All employees:											
	Number.....	47,484	304	948	3,610	14,992	12,319	9,988	5,323	(D)	...	...
	Payroll.....\$1,000..	125,581	1,268	3,840	11,131	39,749	32,263	23,932	<u>13,398</u>	(D)	...	...
	Value added, adjusted..do...	200,164	3,047	7,373	22,397	65,934	45,240	32,789	<u>23,384</u>	(D)	...	...
	Value of production....do...	454,103	17,464	27,974	75,649	149,930	84,619	46,015	<u>52,452</u>	(D)	...	...
	Capital expend., new...do...	2,277	(1)	(1)	(1)	736	600	(1)	<u>135</u>	(D)	...	...
2331-02	Manufacturers:											
	Number of establishments...	247	67	31	32	67	30	13	7	...	...	...
	All employees:											
	Number.....	8,823	143	196	446	2,134	2,095	1,776	2,033	...	...	...
	Payroll.....\$1,000..	25,427	558	671	1,224	6,166	5,911	5,137	5,760	...	...	...
	Value added, adjusted..do...	44,176	300	1,153	2,129	10,413	9,586	8,266	12,329	...	...	...
	Value of production....do...	100,769	4,410	3,641	4,753	25,486	18,883	17,129	26,467	...	...	...
	Capital expend., new...do...	525	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
2331-03	Jobbers:											
	Number of establishments...	210	42	48	60	48	10	1	1	...	...	...
	All employees:											
	Number.....	4,045	103	332	831	1,520	1,259	(D)	(D)	...	...	...
	Payroll.....\$1,000..	20,722	538	2,076	4,780	7,755	5,573	(D)	(D)	...	...	...
	Value added, adjusted..do...	54,026	2,422	4,730	13,303	21,759	<u>11,812</u>	(D)	(D)	...	...	...
	Value of production....do...	242,538	12,700	22,700	63,193	86,970	<u>56,975</u>	(D)	(D)	...	...	...
	Capital expend., new...do...	255	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...
2331-04	Contractors:											
	Number of establishments...	803	26	59	160	355	140	56	6	1	...	...
	All employees:											
	Number.....	34,616	58	420	2,333	11,338	20,467	(D)	(D)	(D)	...	...
	Payroll.....\$1,000..	79,432	172	1,093	5,127	25,828	<u>47,212</u>	(D)	(D)	(D)	...	...
	Value added, adjusted..do...	101,962	325	1,490	6,965	33,762	<u>59,420</u>	(D)	(D)	(D)	...	...
	Value of production....do...	110,796	354	1,633	7,703	37,474	<u>63,632</u>	(D)	(D)	(D)	...	...
	Capital expend., new...do...	1,497	(1)	(1)	(1)	534	<u>770</u>	(D)	(D)	(D)	...	...
2335	Women's dresses, total:											
	Number of establishments.....	4,653	445	430	879	1,846	748	249	43	13	...	...
	All employees:											
	Number.....	184,717	1,025	3,039	12,533	59,079	50,406	36,648	14,123	7,864	...	...
	Payroll.....\$1,000..	587,976	4,016	12,061	48,354	195,466	156,148	106,049	45,454	20,428	...	...
	Value added, adjusted..do...	970,963	16,104	29,278	97,363	312,776	233,505	175,037	70,298	36,602	...	...
	Value of production....do...	2,043,422	30,786	81,400	269,672	673,026	415,621	356,531	147,709	68,677	...	...
	Capital expend., new...do...	9,436	967	780	1,366	2,969	1,627	946	(1)	(1)	...	...
2335-02	Manufacturers:											
	Number of establishments...	1,351	284	192	209	342	201	95	21	7	...	...
	All employees:											
	Number.....	55,015	612	1,332	2,942	10,786	13,903	14,363	7,001	4,076	...	...
	Payroll.....\$1,000..	183,640	2,272	4,091	8,532	37,239	50,838	44,435	24,924	11,309	...	...
	Value added, adjusted..do...	320,924	10,501	12,172	18,950	63,261	82,604	73,003	38,491	21,942	...	...
	Value of production....do...	609,383	15,099	22,450	36,409	115,939	160,929	142,669	76,260	39,628	...	...
	Capital expend., new...do...	4,220	939	573	534	744	669	(1)	(1)	(1)	...	...
2335-03	Jobbers:											
	Number of establishments...	720	76	120	225	224	48	21	4	2	...	...
	All employees:											
	Number.....	19,732	199	859	3,076	6,803	3,188	3,257	<u>2,350</u>	(D)	...	...
	Payroll.....\$1,000..	116,384	995	5,259	21,399	44,466	19,281	16,290	<u>8,694</u>	(D)	...	...
	Value added, adjusted..do...	286,730	3,603	13,398	54,421	104,890	43,599	44,598	<u>22,221</u>	(D)	...	...
	Value of production....do...	1,048,949	13,359	54,691	207,331	406,552	142,970	139,454	<u>74,592</u>	(D)	...	...
	Capital expend., new...do...	1,597	(1)	(1)	(1)	641	(1)	(1)	(1)	(D)	...	...
2335-04	Contractors:											
	Number of establishments...	2,582	85	118	445	1,280	499	133	18	4	...	...
	All employees:											
	Number.....	109,970	214	848	6,515	41,490	33,315	19,028	8,560	(D)	...	...
	Payroll.....\$1,000..	287,952	749	2,711	18,423	113,761	86,029	45,324	<u>20,955</u>	(D)	...	...
	Value added, adjusted..do...	363,309	2,000	3,708	23,992	144,625	107,302	57,436	<u>24,246</u>	(D)	...	...
	Value of production....do...	385,090	2,328	4,259	25,932	150,535	111,722	64,408	<u>25,906</u>	(D)	...	...
	Capital expend., new...do...	3,619	(1)	(1)	(1)	1,584	772	503	(1)	(D)	...	...
2337	Women's suits, coats, and skirts, total:											
	Number of establishments.....	2,683	380	417	536	869	345	118	18	...	...	...
	All employees:											
	Number.....	84,145	916	2,900	7,630	27,168	23,073	16,316	6,142	...	...	...
	Payroll.....\$1,000..	309,671	4,161	12,268	30,275	99,686	83,247	57,726	22,308	...	...	...
	Value added, adjusted..do...	514,901	10,630	29,053	63,409	162,314	125,859	89,632	34,004	...	...	...
	Value of production....do...	1,233,227	37,718	104,000	186,921	374,082	263,789	201,494	65,223	...	...	...
	Capital expend., new...do...	6,984	1,440	1,557	889	1,328	928	626	(1)	...	...	...

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2337-02	Women's suits, coats, and skirts-manufacturers:											
	Number of establishments...	970	205	178	157	260	114	44	12	...	...	...
	All employees:											
	Number.....	30,088	476	1,230	2,203	8,303	7,773	5,993	4,110	...	...	...
	Payroll.....\$1,000..	120,168	1,751	3,615	7,832	33,636	33,065	24,686	15,583	...	...	...
	Value added, adjusted..do..	208,371	4,246	6,894	17,067	58,672	53,535	41,941	26,016	...	...	...
	Value of production....do..	464,369	12,029	22,214	38,026	128,900	117,214	93,152	52,834	...	...	...
	Capital expend., new...do..	4,434	1,289	1,378	565	529	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...
2337-03	Women's suits, coats, and skirts-jobbers:											
	Number of establishments...	496	112	147	105	92	25	14	1	...	...	...
	All employees:											
	Number.....	9,048	279	1,009	1,478	2,704	1,507	2,071	(D)	...	...	...
	Payroll.....\$1,000..	55,917	1,671	6,348	10,329	17,591	9,036	10,942	(D)	...	...	...
	Value added, adjusted..do..	138,754	5,081	19,042	29,675	42,847	21,330	20,779	(D)	...	...	...
	Value of production....do..	588,567	23,859	78,006	130,818	180,674	91,492	83,718	(D)	...	...	...
	Capital expend., new...do..	897	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...	...
2337-04	Women's suits, coats, and skirts-contractors:											
	Number of establishments...	1,217	63	92	274	517	206	60	5	...	...	...
	All employees:											
	Number.....	45,009	161	661	3,949	16,161	13,793	10,284	(D)	...	...	...
	Payroll.....\$1,000..	133,586	739	2,305	12,114	48,459	41,146	28,823	(D)	...	...	...
	Value added, adjusted..do..	167,776	1,303	3,117	16,667	60,795	50,994	34,900	(D)	...	...	...
	Value of production....do..	180,291	1,830	3,780	18,077	64,508	55,083	37,013	(D)	...	...	...
	Capital expend., new...do..	1,653	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	664	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...	...
2339	Women's outerwear, nec:											
	Number of establishments....	1,155	200	162	240	313	155	68	11	5	1	...
	All employees:											
	Number.....	43,663	438	1,108	3,377	9,939	10,872	9,466	3,422	5,041	(D)	...
	Payroll.....\$1,000..	130,779	1,392	3,792	9,708	28,135	31,268	27,636	10,730	18,118	(D)	...
	Value added, adjusted..do..	227,598	4,897	8,152	20,496	46,762	48,760	44,452	16,163	37,916	(D)	...
	Value of production....do..	506,298	14,788	28,582	56,050	101,978	96,621	91,362	36,904	80,013	(D)	...
	Capital expend., new...do..	3,560	( <sup>1</sup> )	( <sup>1</sup> )	517	706	543	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...
2339-02	Women's outerwear, nec-manufacturers:											
	Number of establishments...	563	135	76	118	122	60	38	9	4	1	...
	All employees:											
	Number.....	23,234	284	529	1,598	3,877	4,331	12,615	(D)	(D)	(D)	...
	Payroll.....\$1,000..	71,887	627	1,374	3,917	11,711	13,370	40,888	(D)	(D)	(D)	...
	Value added, adjusted..do..	127,280	2,022	8,255	8,256	19,774	22,161	72,212	(D)	(D)	(D)	...
	Value of production....do..	275,018	4,267	6,369	18,266	42,950	47,280	155,886	(D)	(D)	(D)	...
	Capital expend., new...do..	2,105	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	730	(D)	(D)	(D)	...
2339-03	Women's outerwear, nec-jobbers:											
	Number of establishments...	158	39	41	41	23	8	5	...	1	...	...
	All employees:											
	Number.....	3,455	98	282	568	659	498	1,350	...	(D)	...	...
	Payroll.....\$1,000..	17,337	622	1,755	3,177	3,018	2,572	6,193	...	(D)	...	...
	Value added, adjusted..do..	46,260	2,658	4,269	8,592	9,613	6,845	14,283	...	(D)	...	...
	Value of production....do..	170,814	9,901	20,986	33,484	39,490	27,549	39,404	...	(D)	...	...
	Capital expend., new...do..	562	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	(D)	...	...
2339-04	Women's outerwear, nec-contractors:											
	Number of establishments...	434	26	45	81	168	87	25	2	...	...	...
	All employees:											
	Number.....	16,974	56	297	1,211	5,403	6,043	3,964	(D)	...	...	...
	Payroll.....\$1,000..	41,555	143	663	2,614	13,406	15,326	9,403	(D)	...	...	...
	Value added, adjusted..do..	54,058	217	1,028	3,648	17,375	19,754	12,036	(D)	...	...	...
	Value of production....do..	60,466	620	1,227	4,300	19,538	21,792	12,989	(D)	...	...	...
	Capital expend., new...do..	893	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.  
<sup>1</sup>Less than \$500 thousand.



**Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Production, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the values of products representing the largest amount considered as primary to an industry. Frequently the establishment's production comprises mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are made by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I)

Ind. code	Industry and census year	Value of production					Value of primary product production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. A+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2331	Women's blouses <sup>3</sup> .....1958..	454,103	303,576	36,423	114,104	89	439,265	303,576	485,689	78
	1954..	377,353	(NA)	(NA)	(NA)	(NA)	337,990	(NA)	(NA)	(NA)
2335	Women's dresses <sup>5</sup> .....1958..	2,043,422	1,592,274	52,731	398,417	97	1,624,788	1,592,274	32,514	98
	1954..	1,911,837	(NA)	(NA)	(NA)	(NA)	1,478,384	(NA)	(NA)	(NA)
2337	Women's suits, coats and skirts.1958..	1,233,227	964,862	75,860	192,505	93	1,033,995	964,862	69,133	93
	1954..	1,272,050	1,026,198	63,948	181,884	94	1,101,371	1,026,198	75,173	93
2339	Women's outerwear, nec <sup>6</sup> .....1958..	506,298	346,301	79,399	80,598	81	7672,382	346,301	7326,081	52
	1954..	(NA)	(NA)	(NA)	(NA)	(NA)	460,506	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>The specialization ratio compares the given industry's production of its primary products to its total production of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total production of products primary to the given industry are made by establishments classified in that industry.

<sup>3</sup>See footnote 8 of table 1.

<sup>4</sup>Includes values for women's, misses', and juniors' knit outerwear shirts made by knitting mills. See table 5B.

<sup>5</sup>See footnote 11 of table 1.

<sup>6</sup>See footnote 13 of table 1.

<sup>7</sup>Includes values for women's, misses', and juniors' sweaters, and other knit outerwear, nec, made by knitting mills. See footnote 2 of table 5B.

**Table 5B.—Industry-Product Analysis—Production by Product Class and Industry, for the United States: 1958**

(In thousands of dollars. The first column shows the total value of production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of production of the primary products of the industry made by all manufacturing industries)

Prod. class code	Women's blouse industry	Women's blouses (SIC 2331)	Men's dress shirts and nightwear (SIC 2321)	Women's dresses (SIC 2335)	Women's suits, coats, and skirts (SIC 2337)	Women's outerwear, nec (SIC 2339)	Knitting mills (Group 225)	Other industries	All industries
	Total value of production.....	454,103	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Primary products.....	303,576	(D)	7,058	(D)	14,169	7,858	7,725	389,265
23312	Women's, misses', and juniors' knit outerwear sport shirts.....	28,653	(D)	...	(D)	2,192	17,858	1,176	141,981
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	274,923	19,293	7,058	27,484	11,977	...	6,549	347,284
	Secondary products.....	36,423	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2335-	Women's dresses.....	4,445	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23374	Women's skirts.....	14,874	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23392	Women's outerwear, nec.....	8,766	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2361-	Children's blouses and dresses.....	4,568	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	3,749	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	114,104	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	110,050	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts, including resales.....	4,054	xxx	xxx	xxx	xxx	xxx	xxx	xxx

See footnotes at end of table.

Table 5B.—Industry-Product Analysis—Production by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Women's dress industry	Women's dresses (SIC 2335)	Women's blouses (SIC 2331)	Women's suits, coats, and skirts (SIC 2337)	Women's outerwear, nec (SIC 2339)	Other industries	All industries			
	Total value of production.....	2,043,422	xxx	xxx	xxx	xxx	xxx			
23351	Primary products.....	1,592,274	4,445	15,044	8,077	4,948	1,624,788			
23352	Women's, misses', and juniors' dresses sold at a unit-price.....	1,282,157	3,131	13,853	7,131	974	1,307,246			
	Women's, misses', and juniors' dresses sold at a dozen-price.....	310,117	1,314	1,191	946	3,974	317,542			
	Secondary products.....	52,731	xxx	xxx	xxx	xxx	xxx			
23317	Women's, misses', and juniors' blouses.....	7,058	xxx	xxx	xxx	xxx	xxx			
23372	Women's, misses', and juniors' suits.....	11,880	xxx	xxx	xxx	xxx	xxx			
23374	Women's, misses', and juniors' skirts and jackets.	9,839	xxx	xxx	xxx	xxx	xxx			
23393	Women's, misses', and juniors' outerwear, nec.....	4,808	xxx	xxx	xxx	xxx	xxx			
	Other secondary products.....	19,146	xxx	xxx	xxx	xxx	xxx			
	Miscellaneous receipts.....	398,417	xxx	xxx	xxx	xxx	xxx			
	Contract and commission receipts.....	392,223	xxx	xxx	xxx	xxx	xxx			
	Other miscellaneous receipts, including resales...	6,194	xxx	xxx	xxx	xxx	xxx			
Prod. class code	Women's suits, coats, and skirts industry	Women's suits, coats, and skirts (SIC 2337)	Women's blouses (SIC 2331)	Women's dresses (SIC 2335)	Women's outerwear, nec (SIC 2339)	Other industries	All industries			
	Total value of production.....	1,233,227	xxx	xxx	xxx	xxx	xxx			
23371	Primary products.....	964,862	15,061	23,127	17,391	13,554	1,033,995			
23372	Women's, misses', and juniors' coats (except fur).	483,631	(D)	(D)	1,704	3,634	490,079			
23374	Women's, misses', and juniors' suits.....	171,681	(D)	11,880	(D)	(D)	186,067			
23370	Women's, misses', and juniors' skirts and jackets.	263,371	14,874	9,839	15,454	7,705	311,243			
	Women's, misses', and juniors' suits, coats, and skirts, nsk.....	46,179	...	(D)	(D)	(D)	46,606			
	Secondary products.....	75,860	xxx	xxx	xxx	xxx	xxx			
23317	Women's, misses', and juniors' blouses (except knit shirts).....	27,484	xxx	xxx	xxx	xxx	xxx			
23351	Women's dresses, sold at a unit-price.....	13,853	xxx	xxx	xxx	xxx	xxx			
23393	Women's, misses', and juniors' outerwear, nec.....	18,919	xxx	xxx	xxx	xxx	xxx			
23630	Girls' and children's coats and suits.....	5,906	xxx	xxx	xxx	xxx	xxx			
	Other secondary products.....	9,698	xxx	xxx	xxx	xxx	xxx			
	Miscellaneous receipts.....	192,505	xxx	xxx	xxx	xxx	xxx			
	Contract and commission receipts.....	178,689	xxx	xxx	xxx	xxx	xxx			
	Resales.....	13,204	xxx	xxx	xxx	xxx	xxx			
	Other miscellaneous receipts.....	612	xxx	xxx	xxx	xxx	xxx			
Prod. class code	Women's outerwear, nec, industry	Women's outer- wear, nec (SIC 2339)	Work clothing (SIC 2328)	Women's blouses (SIC 2331)	Women's dresses (SIC 2335)	Women's suits, coats, and skirts (SIC 2337)	Chil- dren's outer- wear, nec (SIC 2369)	Knitting mills (Group 225)	Other indus- tries	All indus- tries
	Total value of production.....	506,298	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23392	Primary products.....	346,301	22,253	(D)	6,613	(D)	(D)	<sup>2</sup> 251,692	12,276	<sup>2</sup> 672,382
23393	Women's, misses', and juniors' washable service apparel.....	78,429	8,341	(D)	1,805	(D)	(D)	...	2,612	91,674
	Women's, misses', and juniors' outerwear, nec.....	267,872	13,912	8,766	4,808	18,919	5,075	251,692	9,664	580,708
	Secondary products.....	79,399	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23271	Men's and boys' separate trousers.....	6,090	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2328-	Work clothing.....	3,386	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23292	Men's and boys' outerwear, nec.....	8,590	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23317	Women's, misses', and juniors' blouses (except knit)	11,977	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23351	Women's, misses', and juniors' dresses sold at a unit-price.....	7,131	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23374	Women's, misses', and juniors' skirts and jackets.	15,454	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23690	Children's outerwear, nec.....	14,344	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	12,427	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	80,598	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	61,190	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts, including resales...	19,408	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx

<sup>1</sup>Women's, misses', and juniors' knit outerwear shirts made by knitting mills (SIC Group 225) are coded as 2253--- products, while women's, misses', and juniors' knit outerwear shirts made by all other industries are coded as 23312-- products. The 2253--- products have been included in order to show the total value of women's, misses', and juniors' knit shirts, made by all industries.

<sup>2</sup>Women's, misses', and juniors' knit sweaters and other knit outerwear, nec, made by knitting mills (SIC Group 225) are coded as 2253--- products while these products made by all other industries are coded as 2339 products. The 2253--- products have been included in order to show the total value of women's, misses', and juniors' sweaters and other knit outerwear made by all industries.



Table 6A.—Value of Products Made by All Producers, for the United States: 1958 and 1954

Product code	Product	Value of production <sup>1</sup> (\$1,000)	
		1958	1954
2331---	Women's blouses, total.....	389,265	337,990
2253232 2331244	} Women's, misses', and juniors knit outerwear sport shirts.....	41,981	22,332
2253232		7,858	(NA)
2331244	Made in cut-and-sew shops.....	34,123	(NA)
2331710	Women's, misses', and juniors' blouses, waists, and shirts (except knit).....	347,284	315,658
2335---	Women's, misses', and juniors' dresses, total.....	<sup>2</sup> 1,624,788	<sup>2</sup> 1,478,384
2335110	Women's, misses', and juniors' dresses sold at a unit-price.....	<sup>2</sup> 1,307,246	<sup>2</sup> 1,167,255
2335210	Women's, misses', and juniors' dresses sold at a dozen-price.....	317,542	296,789
	Women's, misses', and juniors' dresses, nsk.....	...	14,340
2337---	Women's, misses', and juniors' suits, coats, and skirts, except fur coats, leather coats, and raincoats, total.....	1,033,995	1,101,371
23371--	Women's, misses', and juniors' coats.....	490,079	509,390
2337111	Fur-trimmed fabric coats, including capes.....	90,019	52,742
2337151	Untrimmed fabric coats, including capes and reversible coats.....	378,702	442,276
2337171	Uniform coats.....	21,358	831
2337100	Coats, nsk.....	...	13,541
23372--	Women's, misses', and juniors' suits.....	186,067	245,581
2337211	Suits, excluding ski, snow, slack, and uniform.....	179,385	240,505
2337216	Tailored uniform suits.....	6,682	1,881
2337200	Suits, nsk.....	...	3,195
23374--	Women's, misses', and juniors skirts and jackets.....	311,243	272,770
2337410	Separate skirts, including uniform.....	276,896	245,704
2337420	Jackets, including uniform, excluding leather jackets.....	34,347	27,066
2337000	Women's, misses', and juniors' suits, coats, and skirts, nsk.....	46,606	73,630
2339---	Women's, misses', and juniors' outerwear, nec, total.....	672,382	460,506
2339211	Women's, misses', and juniors' washable service apparel, including aprons, smocks, and hooovers.....	91,674	56,602
23393--	Women's, misses', and juniors' outerwear, nec.....	580,708	403,904
2339311	Women's, misses', and juniors' outerwear, nec, made from woven fabric: Dickies, scarves, and other neckwear, except fur..... Woven fabric bathing suits..... All other woven fabric outerwear, including play garments, overalls, ski, and snow suits, etc...	16,106	31,186
2339322		57,549	45,591
2339329		189,675	<sup>3</sup> 119,494
	Women's, misses', and juniors' outerwear, nec, made from knit fabric: Sweaters and jerseys.....	267,395	180,473
2253132		243,003	(NA)
2339342	Made in cut-and-sew shops.....	24,392	(NA)
	All other knit outerwear, including knit swimwear.....	27,076	( <sup>3</sup> )
2253319	Made in knitting mills.....	8,689	(NA)
2339349	Made in cut-and-sew shops.....	18,387	(NA)
2339300	Women's, misses', and juniors' outerwear, nec, nsk.....	22,907	27,160

<sup>1</sup>Represents value of production made by or for the reporting companies from their own materials. Detailed quantity of production figures for women's, misses', and juniors' outerwear are shown in table 6C.

<sup>2</sup>For 1958 and 1954, the values for knit dresses made in knitting mills are excluded. This product is included in Industry 2253 and is shown in the Final Report MC58(2)-22B, Knitting Mills.

<sup>3</sup>For 1954, all other knit outerwear, nec, was included with all other outerwear, nec, made from woven fabric.

Table 6B.—Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of production is more than \$1 million and the figure does not disclose individual company information. Additional States which had production of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of production		Product class, region, and State	Value of production	Product class, region, and State	Value of production	
<u>Women's, misses', and juniors' blouses (23317):</u>			<u>Women's, misses', and juniors' dresses sold at a unit-price (23351)—</u>	1958 <sup>1</sup>	<u>Women's, misses', and juniors' coats, except fur (23371):</u>		
United States, total:			Continued		United States, total:		
1958.....	347,284		East North Central.....	48,303	1958.....	490,079	
1957.....	345,676		Ohio.....	8,544	1957.....	612,587	
1956.....	321,634		Illinois.....	26,959	1956.....	607,789	
1955.....	331,804		Wisconsin.....	12,125	1955.....	542,347	
1954.....	315,658				1954.....	509,390	
1953.....	337,913				1947.....	505,105	
1952.....	309,445		West North Central.....	34,873		1958 <sup>1</sup>	1954
1951.....	293,305		Minnesota.....	4,159	New England.....	19,524	21,564
1950.....	257,737		Missouri.....	28,689	Massachusetts.....	13,894	16,239
1947.....	237,840		Kansas.....	2,006	Middle Atlantic.....	364,696	384,816
	1958 <sup>1</sup>	1954	South.....	55,700	New York.....	340,214	360,199
New England.....	13,575	9,285	North Carolina.....	1,783	New Jersey.....	16,112	16,420
Massachusetts.....	10,659	8,267	Georgia.....	3,302	Pennsylvania.....	8,370	8,196
Middle Atlantic.....	238,079	235,567	Florida.....	14,452			
New York.....	198,922	198,735	Texas.....	23,981	East North Central.....	27,680	20,382
New Jersey.....	9,025	5,295			Ohio.....	3,528	6,842
Pennsylvania.....	30,132	31,537	West.....	87,506	Illinois.....	21,947	12,705
East North Central.....	16,253	11,596	Arizona.....	1,296	Wisconsin.....	1,594	( <sup>2</sup> )
Ohio.....	8,515	3,769	California.....	84,963			
Indiana.....	1,439	( <sup>2</sup> )			West North Central.....	24,129	22,391
Illinois.....	4,536	5,249	<u>Women's, misses', and juniors' dresses sold at a dozen-price (23352):</u>	Value of production	Minnesota.....	2,115	( <sup>3</sup> )
Wisconsin.....	1,151	( <sup>2</sup> )	United States, total:		Missouri.....	21,217	19,231
West North Central.....	5,525	3,426	1958.....	317,542	South Atlantic.....	11,877	12,478
Missouri.....	3,814	2,140	1957.....	323,334	Maryland.....	9,075	11,371
South Atlantic.....	16,799	15,523	1956.....	314,440			
Maryland.....	5,216	( <sup>2</sup> )	1955.....	303,000	Pacific.....	36,631	41,513
North Carolina.....	6,306	( <sup>2</sup> )	1954.....	296,789	Oregon.....	1,132	2,567
Georgia.....	1,435	1,098	1947.....	246,861	California.....	35,120	38,491
Florida.....	1,387	( <sup>2</sup> )					
East South Central.....	11,850	1,518	New England.....	14,852	Value of production		
West South Central.....	9,854	8,923	Massachusetts.....	13,413	<u>Women's, misses', and juniors' suits (23372):</u>		
Texas.....	5,191	6,735	Middle Atlantic.....	153,282	United States, total:		
West.....	35,349	29,820	New York.....	97,327	1958.....	186,067	
Pacific.....	34,897	29,175	New Jersey.....	5,192	1957.....	214,554	
Washington.....	1,278	( <sup>2</sup> )	Pennsylvania.....	50,763	1956.....	220,738	
California.....	33,188	27,962	East North Central.....	54,208	1955.....	228,252	
			Ohio.....	12,703	1954.....	245,581	
			Illinois.....	37,106	1947.....	341,402	
			West North Central.....	28,241		1958 <sup>1</sup>	1954
			Missouri.....	26,115	New England.....	5,219	7,028
			South Atlantic.....	39,755	Massachusetts.....	4,338	5,723
			Maryland.....	4,368	Middle Atlantic.....	130,357	165,758
			Florida.....	1,244	New York.....	124,299	154,746
			East South Central.....	6,356	New Jersey.....	3,462	7,935
			Kentucky.....	2,638	Pennsylvania.....	2,596	3,077
			West South Central.....	8,769	East North Central.....	14,305	20,128
			West.....	12,079	Ohio.....	1,206	4,743
			California.....	8,997	Illinois.....	10,511	10,647
					West North Central.....	6,987	8,233
					Missouri.....	6,953	( <sup>3</sup> )
<u>Women's, misses', and juniors' dresses sold at a unit-price (23351):</u>	Value of production						
United States, total:							
1958.....	1,307,246						
1954.....	1,167,255						
	1958 <sup>1</sup>						
New England.....	73,308						
Massachusetts.....	60,565						
Middle Atlantic.....	1,007,556						
New York.....	919,930						
New Jersey.....	50,528						
Pennsylvania.....	37,098						

See footnotes at end of table.



Table 6B.—Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of production		Product class, region, and State	Value of production	Product class, region, and State	Value of production
Women's, misses', and juniors' suits (23372)—Continued	1958 <sup>1</sup>	1954	Women's, misses', and juniors' skirts and jackets (23374)—Continued	1958 <sup>1</sup>	Women's, misses', and juniors' washable service apparel (23392)—Continued	1958 <sup>1</sup>
South Atlantic.....	7,374	( <sup>2</sup> )	East North Central.....	19,734	New England.....	6,922
West South Central.....	4,231	4,937	Ohio.....	8,317	Massachusetts.....	6,632
Texas.....	4,231	4,937	Indiana.....	3,537	Middle Atlantic.....	42,082
Pacific.....	17,098	23,051	Wisconsin.....	4,641	New York.....	36,811
California.....	16,987	22,836	West North Central.....	14,652	Pennsylvania.....	4,658
Women's, misses', and juniors' skirts and jackets (23374):	Value of production		Missouri.....	5,235	East North Central.....	7,249
United States, total:			South Atlantic.....	3,317	Indiana.....	2,323
1958.....	311,243		Maryland.....	1,176	Illinois.....	2,704
1954.....	272,770		Georgia.....	1,017	Michigan.....	1,320
	1958 <sup>1</sup>		West South Central.....	6,797	West North Central.....	12,657
New England.....	54,278		Texas.....	6,253	Missouri.....	11,345
Massachusetts.....	53,797		Mountain.....	1,024	South Atlantic.....	13,091
Middle Atlantic.....	180,016		Pacific.....	31,099	Maryland.....	5,129
New York.....	166,147		California.....	28,580	Georgia.....	3,624
New Jersey.....	7,575		Women's, misses', and juniors' washable service apparel (23392):	Value of production	West South Central.....	3,232
Pennsylvania.....	6,294		United States, total:	91,674 68,570 64,761 64,318 56,602	Texas.....	2,911
			1958.....		Pacific.....	4,022
			1957.....		California.....	3,893
			1956.....			
			1955.....			
			1954.....			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes production of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23317, Connecticut, Delaware, Tennessee, and Arkansas; 23351, Vermont, Connecticut, Maryland, South Carolina, and Tennessee; 23352, Connecticut, Indiana, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Tennessee, Alabama, Arkansas, Texas, and Utah; 23371, Connecticut, Georgia, and Tennessee; 23372, Wisconsin, and Maryland; 23374, Illinois, Minnesota, Nebraska, and Washington; 23392, Minnesota, Virginia, Florida, and Tennessee.

<sup>2</sup>Production of less than \$1 million reported.

<sup>3</sup>Production of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

Table 6C.—Quantity of Products Made by All Producers, in the United States: 1958 and 1954

Product code	Product by wholesale factory price and fabric	Unit of measure	Total production (cuttings) <sup>1</sup>	
			1958 <sup>2</sup>	1954
	Women's, misses', and juniors' knit outerwear shirts, total.....	1,000 dozen	2,302	1,521
2331211	Chiefly cotton fabrics.....	..do....	1,980	(NA)
2331219	Other fabrics.....	..do....	322	(NA)
	Women's, misses', and juniors' blouses, waists, and shirts, total.....	..do....	14,163	<sup>3</sup> 12,686
	Cotton.....	..do....	10,099	6,569
	Rayon and acetate.....	..do....	827	1,760
	Nylon.....	..do....	828	1,425
	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	923	525
	Wool.....	..do....	469	784
	Other fabrics, including silk, linen, etc.....	..do....	1,017	<sup>4</sup> 1,623
	Priced under \$23.00 per dozen <sup>5</sup> .....	..do....	8,168	6,497
2331711	Cotton.....	..do....	6,787	4,372
2331712	Rayon and acetate.....	..do....	478	640
2331713	Nylon.....	..do....	223	360
2331714	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	231	242
2331715	Wool.....	..do....	199	258
2331719	Other fabrics, including silk, linen, etc.....	..do....	250	<sup>4</sup> 625
	Priced from \$23.00 to \$38.99 per dozen <sup>5</sup> .....	..do....	3,973	3,169
2331721	Cotton.....	..do....	2,556	1,630
2331722	Rayon and acetate.....	..do....	199	544
2331723	Nylon.....	..do....	275	464
2331724	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	416	171
2331725	Wool.....	..do....	122	205
2331729	Other fabrics, including silk, linen, etc.....	..do....	405	<sup>4</sup> 155
	Priced from \$39.00 and over per dozen <sup>5</sup> .....	..do....	2,022	2,865
2331731	Cotton.....	..do....	756	558
2331732	Rayon and acetate.....	..do....	150	(D)
2331733	Nylon.....	..do....	330	(D)
2331734	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	276	112
2331735	Wool.....	..do....	148	321
2331739	Other fabrics, including silk, linen, etc.....	..do....	362	(D)
	Price not specified.....	..do....	...	155
	Cotton.....	..do....	...	<sup>9</sup>
	Rayon and acetate.....	..do....	...	(D)
	Nylon.....	..do....	...	(D)
	Other fabrics, including silk and linen.....	..do....	...	(D)
	Women's, misses', and juniors' dresses sold at a unit-price, total <sup>6</sup> .....	1,000 units	145,485	<sup>3</sup> 137,589
	Priced under \$6.00 per unit <sup>5</sup> .....	..do....	61,279	66,124
2335111	Cotton.....	..do....	26,097	25,940
2335112	Rayon and acetate.....	..do....	32,659	36,135
2335113	Nylon.....	..do....	1,144	836
2335114	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	492	7238
2335115	Wool.....	..do....	388	344
2335119	Other fabrics, including silk, linen, etc.....	..do....	499	<sup>4</sup> 2,631
	Priced from \$6.00 to \$9.99 per unit <sup>5</sup> .....	..do....	45,257	38,993
2335121	Cotton.....	..do....	17,674	14,002
2335122	Rayon and acetate.....	..do....	20,275	21,404
2335123	Nylon.....	..do....	1,389	793
2335124	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	1,000	787
2335125	Wool.....	..do....	2,871	1,417
2335129	Other fabrics, including silk, linen, etc.....	..do....	2,048	<sup>4</sup> 1,290
	Priced from \$10.00 to \$15.99 per unit <sup>5</sup> .....	..do....	25,859	20,509
2335131	Cotton.....	..do....	7,707	5,036
2335132	Rayon and acetate.....	..do....	9,080	9,783
2335133	Nylon.....	..do....	1,358	750
2335134	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	1,480	774
2335135	Wool.....	..do....	3,454	2,688
2335139	Other fabrics, including silk, linen, etc.....	..do....	2,780	<sup>4</sup> 2,178
	Priced from \$16.00 and over per unit <sup>5</sup> .....	..do....	13,090	10,896
2335141	Cotton.....	..do....	2,234	1,859
2335142	Rayon and acetate.....	..do....	4,117	3,748
2335143	Nylon.....	..do....	658	419
2335144	Man-made fibers, other than rayon, acetate, and nylon.....	..do....	238	747
2335145	Wool.....	..do....	1,946	1,745
2335149	Other fabrics, including silk, linen, etc.....	..do....	3,897	<sup>4</sup> 3,078
2335100	Price not specified.....	..do....	...	1,067

See footnotes at end of table.



Table 6C.—Quantity of Products Made by All Producers, in the United States: 1958 and 1954—Continued

Product code	Product by wholesale factory price and fabric	Unit of measure	Total production (cuttings) <sup>1</sup>	
			1958 <sup>2</sup>	1954
	Women's, misses', and juniors' dresses sold at a dozen-price, total.....	1,000 dozen	8,149	<sup>3</sup> 9,215
	Priced under \$23.00 per dozen <sup>5</sup> .....	..do.....	1,317	2,843
2335211	Cotton.....	..do.....	1,283	2,434
2335219	Other fabrics.....	..do.....	34	409
	Priced from \$23.00 to \$30.99 per dozen <sup>5</sup> .....	..do.....	2,951	3,161
2335221	Cotton.....	..do.....	2,887	3,072
2335229	Other fabrics.....	..do.....	64	89
	Priced from \$31.00 to \$45.99 per dozen <sup>5</sup> .....	..do.....	2,269	1,700
2335231	Cotton.....	..do.....	1,973	1,367
2335239	Other fabrics.....	..do.....	296	333
	Priced from \$46.00 and over per dozen <sup>5</sup> .....	..do.....	1,612	1,378
2335241	Cotton.....	..do.....	1,116	870
2335249	Other fabrics.....	..do.....	496	508
2335200	Price not specified.....	..do.....	...	133
	Women's, misses', and juniors' untrimmed coats, including toppers, capes, and reversible coats, total.....	1,000 units	21,748	<sup>3</sup> 21,042
	Priced under \$16.00 per unit <sup>5</sup> .....	..do.....	10,415	7,874
2337144	Wool.....	..do.....	6,185	5,894
2337145	Rayon and acetate.....	..do.....	2,306	1,058
2337149	Other fabrics.....	..do.....	1,924	<sup>4</sup> 922
	Priced from \$16.00 to \$38.99 per unit <sup>5</sup> .....	..do.....	8,407	9,465
2337154	Wool.....	..do.....	7,623	8,988
2337155	Rayon and acetate.....	..do.....	300	} 4,77
2337159	Other fabrics.....	..do.....	484	
	Priced from \$39.00 or over per unit <sup>5</sup> .....	..do.....	2,926	2,123
2337164	Wool.....	..do.....	2,609	2,054
2337165	Rayon and acetate.....	..do.....	84	6
2337169	Other fabrics.....	..do.....	233	<sup>4</sup> 63
	Price not specified.....	..do.....	...	1,576
2337104	Wool.....	..do.....	...	665
2337105	Rayon and acetate.....	..do.....	...	} <sup>4</sup> 911
2337109	Other fabrics.....	..do.....	...	
	Women's, misses', and juniors' fur-trimmed coats.....	..do.....	1,663	<sup>3</sup> 1,541
	Priced under \$39.00 per unit <sup>5</sup> .....	..do.....	907	791
2337114	Wool.....	..do.....	641	740
2337119	Other fabrics.....	..do.....	266	<sup>4</sup> 51
	Priced from \$39.00 to \$75.99 per unit <sup>5</sup> .....	..do.....	518	470
2337124	Wool.....	..do.....	499	464
2337129	Other fabrics.....	..do.....	19	<sup>3</sup> 6
	Priced from \$76.00 or over per unit <sup>5</sup> .....	..do.....	238	87
2337134	Wool.....	..do.....	231	63
2337139	Other fabrics.....	..do.....	7	<sup>4</sup> 24
	Price not specified.....	..do.....	...	193
23371X4	Wool.....	..do.....	...	93
23371X9	Other fabrics.....	..do.....	...	<sup>4</sup> 100
	Women's, misses', and juniors' suits, excluding ski, snow, slack, and uniform suits, total	..do.....	8,999	<sup>3</sup> 12,138
	Priced under \$16.00 per unit <sup>5</sup> .....	..do.....	5,076	7,018
2337231	Wool.....	..do.....	1,647	1,589
2337221	Rayon and acetate.....	..do.....	2,681	<sup>4</sup> 817
2337281	Other fabrics.....	..do.....	748	<sup>4</sup> 612
	Priced from \$16.00 to \$38.99 per unit <sup>5</sup> .....	..do.....	2,597	3,416
2337232	Wool.....	..do.....	2,233	2,775
2337222	Rayon and acetate.....	..do.....	147	<sup>4</sup> 93
2337282	Other fabrics.....	..do.....	217	<sup>4</sup> 148
	Priced from \$39.00 or over per unit <sup>5</sup> .....	..do.....	1,326	1,307
2337233	Wool.....	..do.....	1,147	1,198
2337223	Rayon and acetate.....	..do.....	31	} <sup>4</sup> 109
2337283	Other fabrics.....	..do.....	148	
	Price not specified.....	..do.....	...	397
2337230	Wool.....	..do.....	...	100
2337220	Rayon and acetate.....	..do.....	...	} <sup>4</sup> 297
2337280	Other fabrics.....	..do.....	...	

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6C.-Quantity of Products Made by All Producers, in the United States: 1958 and 1954-Continued

Product code	Product by wholesale factory price and fabric	Unit of measure	Total production (cuttings) <sup>1</sup>	
			1958 <sup>2</sup>	1954
	Women's, misses', and juniors' skirts, total.....	1,000 dozen	7,205	<sup>3</sup> 5,773
	Priced under \$39.00 per dozen <sup>5</sup> .....	..do.....	4,054	3,091
2337411	Cotton.....	..do.....	2,132	1,196
2337421	Rayon and acetate.....	..do.....	925	1,173
2337431	Wool.....	..do.....	859	4722
2337481	Other fabrics.....	..do.....	138	
	Priced from \$39.00 to \$75.99 per dozen <sup>5</sup> .....	..do.....	2,289	2,053
2337412	Cotton.....	..do.....	841	595
2337422	Rayon and acetate.....	..do.....	297	385
2337432	Wool.....	..do.....	1,042	936
2337482	Other fabrics.....	..do.....	109	4137
	Priced from \$76.00 or over per dozen <sup>5</sup> .....	..do.....	862	553
2337413	Cotton.....	..do.....	198	104
2337423	Rayon and acetate.....	..do.....	53	4449
2337433	Wool.....	..do.....	544	
2337483	Other fabrics.....	..do.....	67	
	Price not specified.....	..do.....	...	76
2337410	Cotton.....	..do.....	...	4
2337420	Rayon and acetate.....	..do.....	...	30
2337430	Wool.....	..do.....	...	442
2337480	Other fabrics.....	..do.....	...	
	Women's, misses', and juniors' jackets, including uniform, total.....	..do.....	683	<sup>3</sup> 712
2337491	Cotton.....	..do.....	476	241
2337492	Wool.....	..do.....	135	137
2337496	Other fabrics, including plastic.....	..do.....	72	4334
	Women's, misses', and juniors' washable service apparel:			
2339211	Uniforms, including nurses, maids, and waitresses.....	..do.....	1,288	734
2339221	Other washable service apparel.....	..do.....	387	495
	Women's, misses', and juniors' other outerwear, nec. <sup>6</sup> :			
	Pullovers, sweaters, and jerseys.....	..do.....	3,737	3,082
2253131	All wool.....	..do.....	636	1,387
2253132	All nylon.....	..do.....	408	310
2253134	All acrylic fibers.....	..do.....	2,082	1,385
2253139	Other yarns, including mixtures and blends.....	..do.....	611	
	Coat and cardigan sweaters.....	..do.....	3,577	2,305
2253141	All wool.....	..do.....	495	779
2253142	All nylon.....	..do.....	253	120
2253144	All acrylic fibers.....	..do.....	2,307	1,406
2253149	Other yarns, including mixtures and blends.....	..do.....	522	
	Bathing suits.....	..do.....	(NA)	770
2339341	Knit fabric.....	..do.....	(NA)	29
	Woven fabric.....	..do.....	1,056	741
2339351	Elastic fabrics.....	..do.....	558	479
2339352	Other fabrics.....	..do.....	498	262
2339311	Dungarees and jeans.....	..do.....	1,091	1,320
2339321	Playshorts, pedal pushers, and bermuda shorts.....	..do.....	3,031	2,656
2339329	Other playgarments including playsuits, halters, etc.....	..do.....	786	1,078
2339331	Slacks, including work slacks.....	..do.....	1,809	911
2339361	Cotton fabrics.....	..do.....	1,139	228
2339362	Other fabrics.....	..do.....	670	683
2339300	Other outerwear, nec, nsk.....	..do.....	696	...

<sup>1</sup> Withheld to avoid disclosing figures for individual companies. NA Not available.

<sup>2</sup> These production figures represent cuttings by or for companies from their own materials. Products manufactured by facilities operated by the Department of Defense, or at Federal, District of Columbia, and State prisons are excluded from this table but will be shown in the Special Report on Manufacturing Activity in Government Establishments.

<sup>3</sup> For 1958, the detailed data on quantity of production were collected in the Current Industrial Report MA23A, Annual Apparel Survey. In a number of instances, the 1958 figures shown in this table were revised on the basis of information obtained in the 1959 Annual Apparel Survey. Value of production figures by broader groups of products were collected in the 1958 Census of Manufactures and are shown in table 6A.

<sup>4</sup> For 1954, quantity data were not reported by establishments whose value of production of women's outerwear amounted to the following: blouses, \$16,453 thousand; unit-priced dresses, \$69,815 thousand; and dozen-priced dresses, \$14,597 thousand; suits, coats, and skirts, \$73,630 thousand; and outerwear, nec, \$27,160 thousand. To this degree the 1954 quantity figures are somewhat understated.

<sup>5</sup> A small amount of "fabric not specified" is included with "all other fabric."

<sup>6</sup> The price line figures for 1958 and 1954 are not strictly comparable since both the lower and upper limits of the 1958 intervals are 50 cents less than those used in 1954. For example, the 1958 price range of \$23.00 to \$38.99 per dozen for women's, misses', and juniors' blouses is compared with the price range \$23.50 to \$39.49 per dozen for 1954.

<sup>7</sup> For 1954 and 1958, knit dresses made in knitting mills are excluded. Detail for this product is included in the Final Report MC58(2)-22B, Knitting Mills.

<sup>8</sup> For 1954, includes only polyester and acrylic fibers.

<sup>9</sup> The values shown in table 6A include items for which no quantity figures are collected.



Table 7.—Materials Consumed, by Kind: 1958

Code	Material	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)
		INDUSTRY 2331—WOMEN'S BLOUSES		INDUSTRY 2335—WOMEN'S DRESSES		INDUSTRY 2337—WOMEN'S SUITS, COATS AND SKIRTS		INDUSTRY 2339—WOMEN'S OUTERWEAR, NEC	
	Materials, supplies and containers, total.....	xxx	164,820	xxx	689,474	xxx	521,377	xxx	201,304
223113 223114	Broad woven fabrics (piece goods).....	172,238	101,592	731,213	520,678	252,314	380,480	213,968	135,806
970099	All other materials, supplies and containers, including knit fabrics.....	xxx	45,983	xxx	107,987	xxx	66,151	xxx	41,025
973000	Materials, supplies and containers, nsk <sup>1</sup> .....	xxx	17,245	xxx	60,809	xxx	74,746	xxx	24,473

<sup>1</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary production to total production, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class production to total product production, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2331-02	WOMEN'S BLOUSES—MANUFACTURERS (entire subindustry).....	247	8,823	25,427	7,492	13,308	19,017	44,176	56,374	100,769	525
	Establishments with:										
	90% or more specialization.....	190	5,277	15,712	4,492	7,904	11,769	26,272	33,646	60,026	( <sup>2</sup> )
	75-89% specialization.....	15	988	2,431	878	1,552	1,948	3,855	4,857	8,742	( <sup>2</sup> )
23312-02	Women's, misses', and juniors' knit outerwear shirts—Manufacturers (primary product class of estab.)..	11	881	2,623	706	1,217	2,080	5,709	10,084	15,923	( <sup>2</sup> )
23317-02	Women's, misses', and juniors' blouses, (except knit shirts)—Manufacturers (primary product class of estab.).....	236	7,942	22,804	6,786	12,091	16,937	38,467	46,290	84,846	509
	Establishments with:										
	90% or more specialization...	179	4,948	14,604	4,204	7,412	10,842	24,673	31,546	56,328	( <sup>2</sup> )
	75-89% specialization.....	16	992	2,438	881	1,557	1,954	3,866	4,860	8,756	( <sup>2</sup> )
2331-03	WOMEN'S BLOUSES—JOBBER (entire subindustry).....	210	4,045	20,722	1,966	3,703	7,143	54,026	188,085	242,538	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization.....	168	2,656	15,133	1,169	2,252	4,757	40,078	132,522	172,819	( <sup>2</sup> )
	75-89% specialization.....	15	731	2,679	473	848	1,146	5,607	29,103	34,866	( <sup>2</sup> )
23312-03	Women's, misses', and juniors' knit outerwear shirts—Jobbers (primary product class of estab.).....	13	284	1,666	71	168	317	4,902	15,703	20,420	( <sup>2</sup> )
23317-03	Women's, misses', and juniors' blouses, (except knit shirts)—Jobbers (primary product class of estab.).....	197	3,761	19,056	1,895	3,535	6,826	49,124	172,382	222,118	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	157	2,453	13,649	1,108	2,100	4,469	35,739	120,654	156,799	( <sup>2</sup> )
2335-02	WOMEN'S DRESSES—MANUFACTURERS (entire subindustry).....	1,351	55,015	183,640	46,338	82,816	135,888	320,924	288,241	609,383	4,220
	Establishments with:										
	90% or more specialization.....	1,158	46,504	157,104	39,399	70,050	117,187	287,120	250,471	528,881	3,658
	75-89% specialization.....	40	2,789	9,064	2,197	3,848	6,256	13,418	11,926	25,382	( <sup>2</sup> )
23351-02	Women's, misses', and juniors' dresses sold at a unit-price—Manufacturers (primary product class of estab.).....	899	35,550	130,153	29,660	52,063	95,233	231,497	193,242	424,780	2,750
	Establishments with:										
	90% or more specialization...	813	29,647	109,799	24,958	43,618	81,717	196,855	164,520	361,460	2,404
	75-89% specialization.....	35	2,239	7,409	1,853	3,182	5,145	10,466	9,225	19,711	( <sup>2</sup> )
23352-02	Women's, misses', and juniors' dresses sold at a dozen-price—Manufacturers (primary product class of estab.).....	352	17,305	48,621	15,052	27,409	37,064	84,472	91,370	175,999	1,329
	Establishments with:										
	90% or more specialization...	322	15,240	43,099	13,353	24,325	32,764	76,434	82,087	158,732	1,217
	75-89% specialization.....	13	1,196	3,340	913	1,633	2,472	5,209	5,236	10,473	( <sup>2</sup> )
2335-03	WOMEN'S DRESSES—JOBBER (entire subindustry).....	720	19,732	116,384	10,880	21,183	51,289	286,730	762,183	1,048,949	1,597
	Establishments with:										
	90% or more specialization.....	690	18,408	108,256	10,379	20,180	48,649	265,424	710,249	976,064	1,551
	75-89% specialization.....	10	715	4,749	340	669	1,733	11,041	22,999	34,011	(D)
23351-03	Women's, misses', and juniors' dresses sold at a unit-price—Jobbers (primary product class of estab.).....	657	16,313	101,458	8,743	17,073	44,437	247,481	651,703	899,441	1,481
	Establishments with:										
	90% or more specialization...	633	15,246	94,502	8,261	16,137	42,091	232,354	615,819	848,464	1,442
	75-89% specialization.....	12	768	4,956	388	746	1,865	11,303	23,536	34,809	(D)
23352-03	Women's, misses', and juniors' dresses sold at a dozen-price—Jobbers (primary product class of estab.).....	56	3,327	14,593	2,115	4,074	6,790	38,820	109,546	148,154	( <sup>2</sup> )
2337-02	WOMEN'S SUITS, COATS, AND SKIRTS—MANUFACTURERS (entire subindustry)...	970	30,088	120,168	24,652	42,944	87,852	208,371	255,362	464,369	4,434
	Establishments with:										
	90% or more specialization.....	862	23,799	97,474	19,437	33,549	71,976	166,402	209,550	376,582	4,194
	75-89% specialization.....	37	2,284	8,035	1,936	3,419	5,845	17,168	16,432	33,765	( <sup>2</sup> )

See footnotes at end of table.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization <sup>1</sup>	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
23371-02	WOMEN'S SUITS, COATS, AND SKIRTS—MANUFACTURERS—Continued										
	Women's, misses', and juniors' coats—Manufacturers (primary product class of estab.).....	349	14,275	62,725	11,363	19,780	44,700	102,741	134,771	238,226	615
	Establishments with:										
	90% or more specialization...	261	8,746	38,181	6,853	11,943	26,058	63,083	93,986	157,956	500
	75-89% specialization.....	37	1,574	6,793	1,321	2,280	5,198	10,585	12,014	22,674	( <sup>2</sup> )
23372-02	Women's, misses', and juniors' suits—Manufacturers (primary product class of estab.).....	111	5,080	23,635	4,232	7,626	17,671	41,385	28,100	69,486	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	61	1,873	9,330	1,554	2,727	6,741	16,458	11,964	28,427	( <sup>2</sup> )
	75-89% specialization.....	13	767	3,243	646	1,137	2,559	7,790	2,779	10,595	( <sup>2</sup> )
23374-02	Women's, misses', and juniors' skirts and jackets—Manufacturers (primary product class of estab.)..	234	7,878	27,619	6,652	12,016	20,011	47,710	69,242	116,977	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	155	3,740	12,992	3,191	5,679	9,962	22,592	37,206	59,773	( <sup>2</sup> )
	75-89% specialization.....	23	1,425	4,491	1,208	2,142	3,322	8,728	10,486	19,351	( <sup>2</sup> )
2337-03	WOMEN'S, MISSES', AND JUNIORS', SUITS, COATS, AND SKIRTS—JOBBER'S (entire subindustry).....	496	9,048	55,917	4,001	7,916	19,770	138,754	449,819	588,567	897
	Establishments with:										
	90% or more specialization.....	416	6,554	41,930	2,920	5,818	14,845	103,519	362,680	466,126	653
	75-89% specialization.....	19	644	3,027	365	700	1,346	9,433	22,381	31,696	( <sup>2</sup> )
23371-03	Women's, misses', and juniors' coats—Jobbers (primary product class of estab.).....	246	3,426	22,644	1,432	2,900	7,844	60,184	215,464	275,683	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	210	2,642	17,946	1,009	2,233	6,247	47,337	175,798	223,202	( <sup>2</sup> )
	75-89% specialization.....	17	368	2,077	173	324	838	4,991	15,547	20,517	( <sup>2</sup> )
23372-03	Women's, misses', and juniors' suits—Jobbers (primary product class of estab.).....	71	1,801	12,112	925	1,977	4,900	24,911	75,006	99,772	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	38	967	6,675	557	1,285	2,986	12,574	40,169	52,594	( <sup>2</sup> )
	75-89% specialization.....	10	175	1,282	60	124	285	3,037	9,351	12,356	( <sup>2</sup> )
23374-03	Women's, misses', and juniors' skirts and jackets—Jobbers (primary product class of estab.)..	169	3,736	20,682	1,638	3,031	6,996	52,233	156,519	208,893	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	102	1,795	9,490	825	1,465	3,367	23,241	86,965	110,317	( <sup>2</sup> )
	75-89% specialization.....	15	575	2,792	330	632	1,312	8,773	20,958	29,609	( <sup>2</sup> )
2339-02	WOMEN'S OUTERWEAR, NEC—MANUFACTURERS (entire subindustry).....	563	23,234	71,887	19,615	36,687	52,361	127,280	148,405	275,018	2,105
	Establishments with:										
	90% or more specialization.....	439	12,097	37,214	10,184	19,008	27,780	68,616	74,886	143,146	1,412
	75-89% specialization.....	47	3,975	12,188	3,595	6,823	9,418	18,811	20,528	39,495	( <sup>2</sup> )
23392-02	Women's, misses', and juniors' washable service apparel—Manufacturers (primary product class of estab.).....	169	5,577	15,657	4,866	9,233	11,988	27,022	28,223	55,011	( <sup>2</sup> )
	Establishments with:										
	90% or more specialization...	131	4,240	12,078	3,684	6,969	9,141	20,653	21,329	41,786	( <sup>2</sup> )
	75-89% specialization.....	13	519	1,399	465	906	1,123	2,744	1,809	4,546	( <sup>2</sup> )
23393-02	Women's, misses', and juniors' outerwear, nec—Manufacturers (primary product class of estab.)..	339	17,222	55,239	14,378	26,808	39,570	98,476	118,491	216,519	1,662
	Establishments with:										
	90% or more specialization...	252	7,374	24,035	6,091	11,311	17,767	49,092	51,742	97,676	1,038
	75-89% specialization.....	28	3,282	10,230	2,977	5,635	7,905	15,348	18,187	33,695	( <sup>2</sup> )
2339-03	WOMEN'S OUTERWEAR, NEC—JOBBER'S (entire subindustry).....	158	3,455	17,337	1,859	3,484	6,354	46,260	126,242	170,814	562
	Establishments with:										
	90% or more specialization.....	106	1,281	7,063	503	1,013	1,752	19,828	62,409	82,197	( <sup>2</sup> )
	75-89% specialization.....	18	290	1,581	138	274	504	5,573	12,958	18,529	( <sup>2</sup> )
23392-03	Women's, misses', and juniors' washable service apparel—Jobbers (primary product class of estab.)..	26	475	2,572	191	423	617	7,093	22,158	29,159	( <sup>2</sup> )
23393-03	Women's, misses', and juniors' outerwear, nec—Jobbers (primary product class of estab.).....	132	2,980	14,765	1,668	3,061	5,737	39,167	104,084	141,655	511

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>For the industries shown in this table all data are based on the specialization of the establishment by subindustry classification (manufacturer, jobber, or contractor) rather than by overall industry.<sup>2</sup>Less than \$500 thousand.





# Women's and Children's Undergarments; Millinery; Children's Outerwear

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2341—Women's, Misses', Children's, and Infants' Underwear and Nightwear
- 2342—Corsets and Allied Garments
- 2351—Millinery
- 2352—Hats and Caps, Except Millinery
- 2361—Dresses, Blouses, Waists, and Shirts
- 2363—Coats and Suits
- 2369—Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the Census of Business.

## Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of

the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

The 1957 edition of the Standard Industrial Classification Manual included apparel jobbers within the manufacturing sector. The previous edition had been amended by the Bureau of the Budget to transfer apparel jobbers from Wholesale Trade to Manufacturing. Since apparel jobbers were also included in manufacturing in earlier Censuses of Manufactures, data for 1958 and earlier years shown in this report are comparable.

## Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

## Classification of Establishments

Since these different methods of operation lead to significant differences in the various



## MANUFACTURES-INDUSTRY STATISTICS

relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2-4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly, for manufacturer-contractor plants, the relationship between the value of products made for their

own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multi-plant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, where contractors are usually thought of as independently owned establishments.

The following table provides comparative data for each of the three types of establishments included in the industries covered by this report.

SUMMARY STATISTICS FOR THE WOMEN'S AND CHILDREN'S UNDERGARMENTS, MILLINERY, AND CHILDREN'S OUTERWEAR INDUSTRIES (S.I.C. 234, 235, and 236), BY TYPE OF ESTABLISHMENT: 1958

Item	Women's and Children's Undergarments (S.I.C. 234)			Millinery <sup>1</sup> (S.I.C. 235)	Children's Outwear (S.I.C. 236)		
	Manu- fac- turers	Jobbers	Con- trac- tors		Manu- fac- turers	Jobbers	Con- trac- tors
Total value of production, including miscellaneous receipts (\$1,000).....	850,473	316,777	114,956 <sup>2</sup>	360,955	374,396	346,576	122,273 <sup>2</sup>
Production workers - number....	59,763	3,689	33,119	30,832	31,325	5,121	34,578
All employees - number.....	69,186	6,307	35,842	35,539	35,792	8,105	36,912
Ratio of production workers to all employees.....	.86	.58	.92	.87	.88	.63	.94
Adjusted value added by manufacture (\$1,000).....	411,413	78,073	106,762	200,431	176,733	90,000	114,616
Ratio of adjusted value added by manufacture to total value of production.....	.48	.25	.93	.56	.47	.26	.94
Salaries and wages paid (\$1,000)	208,426	29,302	83,863	123,429	103,254	36,972	90,958
Ratio of salaries and wages to adjusted value added by manufacture.....	.51	.38	.79	.62	.58	.41	.79

<sup>1</sup>Separate data by type of establishment are not available for Group 235 (S.I.C. Industries 2351 and 2352). Establishments operating in these industries are practically all "manufacturers."

<sup>2</sup>This figure consists largely of receipts for contract work, but such receipts are treated as equivalent to value of production in the industry statistics (tables 1-4 and part of table 5).



2341--Women's, Misses', Children's, and Infants' Underwear and Nightwear

This industry comprises establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in Industry 2254. For a detailed list of products of Industry 2341, refer to table 6A, product codes 2341201 to 2341331.

In the 1957 edition of the Standard Industrial Classification Manual the definition for Industry 2341 was revised to include the output of women's, misses', and juniors' lounging pajamas. This product was formerly included in Industry 2384, Robes and Dressing Gowns. This revision, however, did not affect the industry classification of any establishment.

Value of production and other receipts of the Women's and Children's Underwear Industry in 1958 totaled \$815 million. This included production of women's and children's underwear and nightwear (primary products), valued at \$690 million, production of other products (secondary products), valued at \$29 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$96 million.

This industry's production of women's and children's underwear and nightwear (primary products) in 1958 represented 96 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 95 percent. Secondary products made by this industry in 1958 consisted mainly of men's and boys' nightwear, \$7 million, and men's and boys' underwear, \$3 million.

Women's and children's knit underwear and nightwear made in knitting mills are classified as primary products of Industry 2254, Knit Underwear Mills, while the production of women's and children's knit underwear cut and sewed from purchased knit fabric is included in Industry 2341. In order to show the total value of women's and children's underwear made by all industries (regardless of the method of production), combined values for the 2254--- and 2341--- products are given in tables 5 and 6. Using the combined figure of \$829 million of women's and children's underwear and nightwear as the base, Industry 2341 production of women's and children's underwear and nightwear in 1958 accounted for 85 percent of the total dollar value of these products. In 1954, the coverage ratio was 85 percent. Other industries making women's and children's underwear and nightwear consisted mainly of Industry 2369, Children's Outerwear, N.E.C., \$12 million, and Group 225, Knitting Mills, \$115 million.

2342--Corsets and Allied Garments

This industry comprises establishments primarily engaged in manufacturing corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842. For a detailed list of products of Industry 2342, refer to table 6A, product codes 2342113 to 2342281.

In the 1957 edition of the Standard Industrial Classification Manual the definition for Industry 2342 was revised to exclude the output of garter belts and surgical corsets. Garter belts are now considered primary to Industry 2389, Apparel, N.E.C., while surgical corsets are included in Industry 3842, Surgical Appliances. To a minor extent, the data shown for 1957 and earlier years, which are based on the 1945 Standard Industrial Classification definition, are not comparable with the 1958 figures.

Value of production and other receipts of the Corsets and Allied Garments Industry in 1958 totaled \$467 million. This included production of corsets and allied garments (primary products), valued at \$405 million, production of other products (secondary products), valued at \$18 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$44 million.

This industry's production of corsets and allied garments (primary products) in 1958 represented 96 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of apparel, n.e.c., \$6 million.

Industry 2342 production of corsets and allied garments (primary products) in 1958 represented 98 percent (coverage ratio) of these products valued at \$412 million made by all industries. Comparable specialization and coverage ratios for 1954 are not available.

2351--Millinery

This industry comprises establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in Industry 2396. For a detailed list of products of Industry 2351, refer to table 6A, product codes 2351011 to 2351033.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of production and other receipts of the Millinery Industry in 1958 totaled \$190 million. This included production of millinery (primary products), valued at \$185 million, production of



other products (secondary products), valued at \$1 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$5 million.

The specialization and coverage ratios for Industry 2351 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

#### 2352--Hats and Caps, Except Millinery

This industry comprises establishments primarily engaged in manufacturing hats, caps, except millinery, and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in Industry 2253. For a detailed list of products of Industry 2352, refer to table 6A, product codes 2352111 to 2352241.

The 1957 Standard Industrial Classification Manual combined in this industry four industries which were separate in the 1945 S.I.C. These were: Fur-Felt Hats and Hat Bodies (old S.I.C. 2281); Wool-Felt Hats and Hat Bodies (old S.I.C. 2282); Straw Hats (old S.I.C. 2283); and Cloth Hats and Caps (old S.I.C. 2325). Data for 1957 and earlier years are shown on a combined basis.

Value of production and other receipts of the Hats and Caps Industry in 1958 totaled \$171 million. This included production of hats and caps (primary products), valued at \$154 million, production of other products (secondary products), valued at \$3 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$14 million.

This industry's production of hats and caps (primary products) in 1958 represented 98 percent (specialization ratio) of its total production (primary and secondary). Industry 2352 production of hats and caps (primary products) in 1958 represented 98 percent (coverage ratio) of these products valued at \$157 million made by all industries. Comparable specialization and coverage ratios for 1954 are not available.

#### 2361--Dresses, Blouses, Waists, and Shirts

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. For a detailed list of products of Industry 2361, refer to table 6A, product codes 2361012 to 2361211.

In the 1957 edition of the Standard Industrial Classification Manual the definition for Industry 2361 was revised to include the output of girls' and children's knit outerwear shirts. These

products were formerly included in Industry 2369, Children's Outerwear, N.E.C. To this extent, the data shown for 1957 and earlier years are not comparable with the 1958 figures on the new S.I.C. basis. Table 1A compares the composition of Industry 2361 for 1958 under both the old and revised classification systems.

Value of production and other receipts of the Children's Dresses Industry in 1958 totaled \$355 million. This included production of girls' and children's dresses, blouses, waists, and shirts (primary products), valued at \$279 million, production of other products (secondary products), valued at \$12 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$64 million.

This industry's production of girls' and children's dresses, blouses, waists, and shirts (primary products) in 1958 represented 96 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of children's outerwear, n.e.c., \$7 million.

Girls' and children's knit outerwear shirts made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while the production of girls' and children's knit shirts cut and sewed from purchased knit fabric is included in Industry 2361. In order to show the total value of girls' and children's knit outerwear shirts made by all industries (regardless of the method of production), combined values for the 2253--- and the 2361--- products, are given in tables 5 and 6. Using the combined figure of \$337 million of girls' and children's dresses, blouses, and knit shirts as the base, Industry 2361 production of girls' and children's dresses, blouses, and knit shirts in 1958 accounted for 83 percent of the total dollar value of these products. Other industries making girls' and children's dresses, blouses, waists, and shirts (primary products) consisted mainly of Industry 2369, Children's Outerwear, N.E.C., \$12 million, and Group 225, Knitting Mills, \$29 million. Comparable coverage and specialization ratios for 1954 are not available.

#### 2363--Coats and Suits

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. For a detailed list of products of Industry 2363, refer to table 6A, product code 2363012.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.



Value of production and other receipts of the Children's Coats Industry in 1958 totaled \$164 million. This included production of children's coats and suits (primary products), valued at \$134 million, production of other products (secondary products), valued at \$7 million and miscellaneous receipts (mainly contract work on materials owned by others) of \$23 million.

This industry's production of children's coats and suits (primary products) in 1958 represented 95 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary products made by this industry in 1958 consisted mainly of children's outerwear, n.e.c., \$2 million.

Industry 2363 production of children's coats and suits (primary products) in 1958 represented 85 percent (coverage ratio) of these products valued at \$159 million made by all industries. In 1954, the coverage ratio was 81 percent. Other industries making children's coats and suits (primary products) consisted mainly of Industry 2369, Children's Outerwear, N.E.C., \$12 million, and Industry 2337, Women's Suits, Coats, and Skirts, \$6 million.

#### 2369--Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. For a detailed list of products of Industry 2369, refer to table 6A, product codes 2369011 to 2369079.

In the 1957 edition of the Standard Industrial Classification Manual the definition for Industry 2369 was revised to exclude the output of girls' and children's knit outerwear shirts. This product is now considered primary to Industry 2361, Children's Dresses. To this extent, the figures shown for 1957 and earlier years are not comparable with the 1958 figures on the new S.I.C. basis. Table 1A compares the composition of Industry 2369 for 1958 under both the old and revised classification systems.

Value of production and other receipts of the Children's Outerwear, N.E.C. Industry in 1958 totaled \$324 million. This included production of children's outerwear, n.e.c. (primary products), valued at \$224 million, production of other products (secondary products), valued at \$60

million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$40 million.

This industry's production of children's outerwear, n.e.c. (primary products) in 1958 represented 79 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of girls' and children's dresses and blouses, \$12 million, women's and children's nightwear, \$12 million, and girls' and children's coats and suits, \$12 million.

Girls' and children's sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of Industry 2253, Knit Outerwear Mills, while girls' and children's sweaters and knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in Industry 2369. In order to show the total dollar value of girls' and children's outerwear, n.e.c. made by all industries (regardless of the method of production), combined values for the 2253--- and 2369--- products are shown in tables 5 and 6A. Using the combined figure of \$352 million of girls' and children's outerwear, n.e.c. (knit and woven) made by all industries as the base, Industry 2369 production of girls' and children's outerwear, n.e.c. in 1958 accounted for 63 percent of the total dollar value of these products. Other industries making children's outerwear, n.e.c. (primary products) consisted mainly of Industry 2339, Women's Outerwear, N.E.C., \$14 million, and Group 225, Knitting Mills, \$70 million. Comparable coverage and specialization ratios for 1954 are not available.

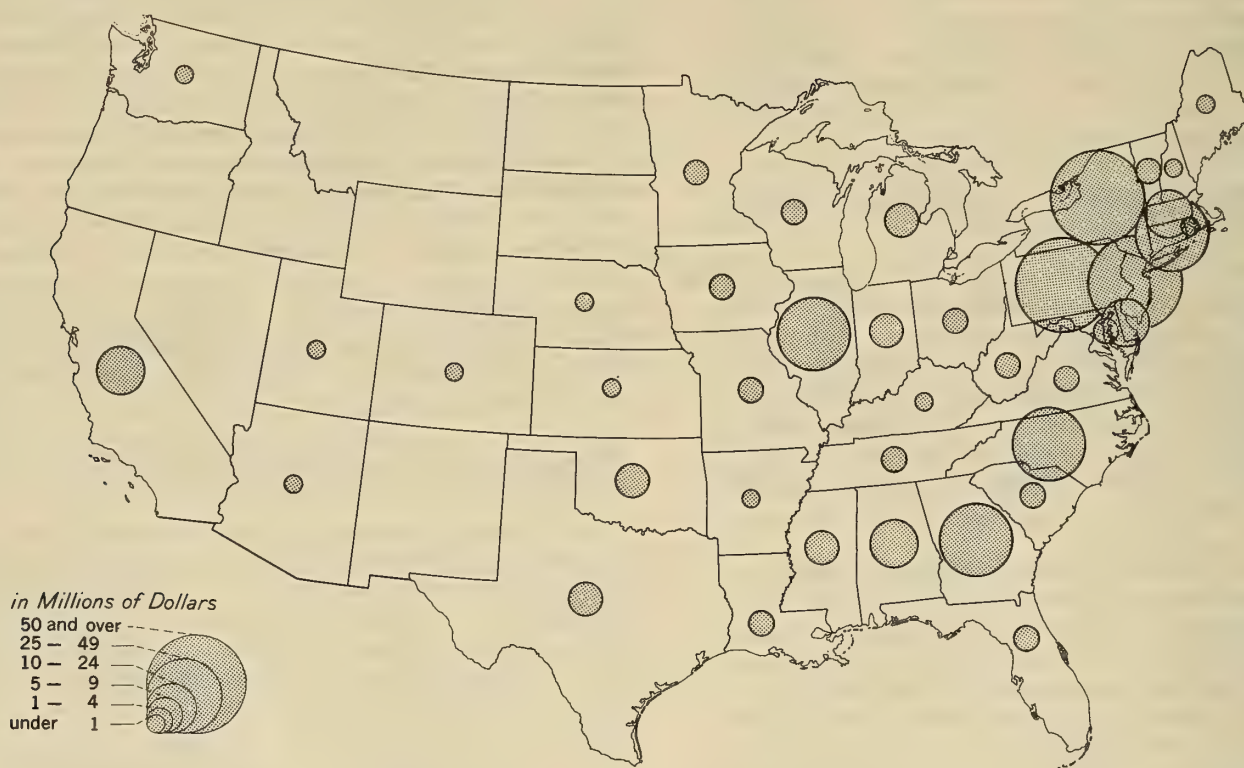
#### Relationship of Census of Manufactures and Current Industrial Reports Data

The Census Bureau published monthly data on the cuttings of women's slips in its Current Industrial Reports Series M23H, and quarterly figures on the output of women's and children's knit cotton and wool nightwear and underwear in the Current Industrial Reports Series M23C. Annual information on the production of women's underwear and nightwear and girls' and children's apparel (except neckwear) is published in the Current Industrial Reports Series M23A. For 1958, the MA23A annual apparel survey was conducted concurrently with the Census of Manufactures. The Census of Manufactures report form collected only summary figures on the quantity and value of women's underwear and nightwear and girls' and children's apparel, while the detailed product data were collected in the annual commodity form MA23A. These data are shown in table 6A.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERGARMENTS: SIC 234

Value Added by Manufacture by State: 1958



Includes Industries 2341 and 2342. See Table 2.

Bureau of the Census, M-58-D234



# HATS, CAPS, AND MILLINERY: SIC 235

Value Added by Manufacture by State: 1958



Includes Industries 2351 and 2352. See Table 2.

Bureau of the Census, M-58-D235

# GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR: SIC 236

Value Added by Manufacture by State: 1958



Includes Industries 2361, 2363 and 2369. See Table 2.

Bureau of the Census M-58-D236

Table 1.-General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2341 (old SIC 2341)	Women's and children's underwear:														
	1958.....	1,170	1,231	720	73,527	199,652	65,008	116,788	154,780	347,705	467,398	814,721	5,404	96	83
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	79,972	206,397	71,745	127,260	161,332	352,942	529,827	881,420	3,816	94	95
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	78,839	198,534	71,073	126,964	156,248	355,687	510,904	856,774	5,891	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	77,990	191,964	70,565	127,036	149,910	328,803	512,807	831,704	6,952	(NA)	(NA)
	1954.....	1,276	1,352	767	73,427	176,305	66,885	118,720	140,063	295,169	478,167	778,061	5,431	95	98
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	60,756	148,689	53,848	100,876	112,470	248,744	441,304	689,752	(S)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	57,623	134,837	50,107	92,523	99,603	227,310	416,284	643,594	(S)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,516	126,456	52,556	91,770	96,314	185,590	389,978	575,443	(S)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	56,805	121,018	50,752	90,124	89,141	205,802	361,824	567,626	(S)	(NA)	(NA)
	1947.....	1,467	1,518	(NA)	58,004	115,949	52,650	94,360	87,477	229,306	346,669	575,679	6,025	(NA)	(NA)
	1939 <sup>9</sup> .....	(NA)	759	(NA)	(NA)	(NA)	39,859	(NA)	27,582	59,006	101,452	160,458	(NA)	(NA)	(NA)
	1937.....	(NA)	603	(NA)	(NA)	(NA)	35,404	(NA)	23,945	52,790	95,532	148,322	(NA)	(NA)	(NA)
	1935 <sup>10</sup> .....	(NA)	775	(NA)	40,648	32,752	37,817	(NA)	26,831	58,948	100,372	159,320	(NA)	(NA)	(NA)
2342 (old SIC 2342)	Corsets and allied garments:														
	1958 <sup>11</sup> .....	353	414	279	37,808	121,939	31,563	56,139	82,600	248,543	220,899	467,485	2,739	96	98
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	42,260	117,823	37,061	64,416	92,762	251,432	213,087	454,739	(S)	94	98
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	44,007	118,738	39,012	71,070	95,120	240,130	205,575	441,221	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	43,012	113,467	38,147	67,780	90,805	218,513	200,930	416,497	(S)	(NA)	(NA)
	1954.....	424	491	320	38,807	108,509	33,724	60,333	78,977	214,611	181,760	397,193	3,001	96	(NA)
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	41,622	124,575	35,875	63,711	86,594	226,132	214,242	440,374	(S)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	37,212	119,874	31,244	61,860	78,301	205,660	174,952	380,612	(S)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	36,004	102,840	30,322	58,769	66,768	192,498	160,423	352,921	(S)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	37,900	96,703	31,637	60,318	66,676	175,125	156,040	331,165	(S)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,883	(NA)	29,042	56,046	(NA)	153,119	122,905	276,025	(S)	(NA)	(NA)
	1947.....	495	535	(NA)	36,611	80,208	31,584	60,581	57,791	155,990	121,801	277,791	4,868	(NA)	(NA)
	1939.....	(NA)	272	(NA)	23,061	25,147	18,765	(NA)	15,734	44,313	40,105	84,418	(NA)	(NA)	(NA)
	1937.....	(NA)	215	(NA)	18,636	18,104	16,385	(NA)	13,255	38,275	32,514	70,789	(NA)	(NA)	(NA)
	1935.....	(NA)	241	(NA)	17,890	17,259	15,635	(NA)	12,036	34,415	32,532	66,947	(NA)	(NA)	(NA)
	1933.....	(NA)	179	(NA)	15,782	12,138	14,017	(NA)	9,388	29,057	29,035	58,092	(NA)	(NA)	(NA)
	1931.....	(NA)	204	(NA)	(NA)	(NA)	13,977	(NA)	11,496	40,229	31,694	71,923	(NA)	(NA)	(NA)
	1929.....	(NA)	213	(NA)	15,859	18,680	13,664	(NA)	12,446	40,767	36,035	76,802	(NA)	(NA)	(NA)
	1927.....	(NA)	222	(NA)	16,108	17,772	13,778	(NA)	12,402	41,824	35,394	77,218	(NA)	(NA)	(NA)
	1925.....	(NA)	185	(NA)	16,984	18,012	14,525	(NA)	12,394	39,307	37,808	77,115	(NA)	(NA)	(NA)
	1923.....	(NA)	216	(NA)	19,072	20,489	16,104	(NA)	13,258	39,632	38,416	78,048	(NA)	(NA)	(NA)
	1921.....	(NA)	173	(NA)	20,033	19,663	17,084	(NA)	13,102	36,857	38,857	75,600	(NA)	(NA)	(NA)
	1919.....	(NA)	188	(NA)	21,653	20,232	18,415	(NA)	13,082	36,726	38,816	75,542	(NA)	(NA)	(NA)
	1914.....	(NA)	167	(NA)	23,045	12,245	20,496	(NA)	7,977	20,964	19,587	40,551	(NA)	(NA)	(NA)
	1909.....	(NA)	138	(NA)	19,520	9,335	17,564	(NA)	6,464	17,617	15,640	33,257	(NA)	(NA)	(NA)
	1904.....	(NA)	109	(NA)	11,852	4,610	10,975	(NA)	3,600	8,727	6,135	14,862	(NA)	(NA)	(NA)
	1899.....	(NA)	138	(NA)	13,112	4,610	12,297	(NA)	3,645	8,094	6,357	14,451	(NA)	(NA)	(NA)
2351 (old SIC 2351)	Millinery:														
	1958.....	801	803	284	17,838	64,095	15,417	28,088	50,173	109,133	81,378	190,263	1,371	99	99
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	22,743	68,956	20,214	35,352	56,405	122,152	89,542	209,732	(S)	99	99
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	19,975	62,949	18,862	32,439	51,336	104,182	80,190	182,953	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	19,054	61,170	17,757	32,564	49,970	97,325	72,999	169,219	(12)	(NA)	(NA)
	1954.....	865	871	290	20,235	65,809	18,222	33,577	53,667	101,618	73,726	175,599	(12)	99	98
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,985	63,975	16,294	(NA)	48,550	98,359	69,942	168,301	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,180	61,787	15,352	(NA)	48,105	97,769	74,950	172,719	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,842	62,356	16,081	(NA)	46,217	103,198	77,062	180,260	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	20,925	65,935	17,520	(NA)	50,041	99,651	87,013	186,664	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	20,316	63,823	16,910	(NA)	48,892	94,100	75,748	169,848	(NA)	(NA)	(NA)
	1947.....	927	933	(NA)	20,933	59,566	18,116	33,057	46,889	100,863	76,865	177,728	(NA)	99	98
	1939 <sup>9</sup> .....	(NA)	1,026	(NA)	(NA)	(NA)	24,017	(NA)	25,840	56,625	47,313	103,938	(NA)	(NA)	(NA)
	1937 <sup>13</sup> .....	(NA)	755	(NA)	24,254	29,076	21,560	(NA)	22,921	47,235	41,007	88,242	(NA)	(NA)	(NA)
	1935.....	(NA)	1,033	(NA)	26,012	31,182	22,770	(NA)	23,988	48,947	40,042	88,989	(NA)	(NA)	(NA)
	1933 <sup>13</sup> .....	(NA)	834	(NA)	24,437	23,125	22,574	(NA)	20,313	42,701	34,646	77,347	(NA)	(NA)	(NA)
	1931.....	(NA)	1,134	(NA)	(NA)	(NA)	26,612	(NA)	32,565	72,780	71,795	144,575	(NA)	(NA)	(NA)
	1929.....	(NA)	1,293	(NA)	37,373	58,613	32,206	(NA)	42,715	97,603	98,090	195,693	(NA)	(NA)	(NA)
	1927 <sup>14</sup> .....	(NA)	1,148	(NA)	38,656	60,809	33,311	(NA)	46,788	106,005	103,490	209,495	(NA)	(NA)	(NA)
2352 (old SIC 2281, 2282, 2283, 2325)	Hats and caps:														
	1958 <sup>15</sup> .....	428	446	169	17,701	59,334	15,415	27,803	46,236	91,298	78,477	170,692	1,075	98	98
	1954.....	582	586	208	20,303	59,928	18,023	33,171	48,408	89,743	80,538	173,127	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of production <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2352	Hats and caps—Con.														
	1947.....	525	537		25,440	63,516	22,542	42,662	50,609	104,567	108,476	213,043	3,407	(NA)	(NA)
	1939.....	(NA)	467	(NA)	28,500	32,961	25,129	(NA)	25,570	50,355	51,551	101,906	(NA)	(NA)	(NA)
	1937.....	(NA)	459	(NA)	13,224	31,466	26,448	(NA)	27,045	51,254	56,345	107,599	(NA)	(NA)	(NA)
	1935.....	(NA)	529	(NA)	26,646	30,558	24,379	(NA)	25,518	46,183	47,535	93,718	(NA)	(NA)	(NA)
	1933.....	(NA)	471	(NA)	22,859	20,651	21,371	(NA)	18,223	35,201	32,374	67,575	(NA)	(NA)	(NA)
	1931.....	(NA)	138	(NA)	(NA)	(NA)	21,909	(NA)	24,374	48,589	47,218	95,807	(NA)	(NA)	(NA)
	1929.....	(NA)	799	(NA)	30,892	45,956	27,773	(NA)	36,200	80,111	85,589	165,700	(NA)	(NA)	(NA)
	1927 <sup>14</sup> .....	(NA)	767	(NA)	30,707	40,708	27,572	(NA)	38,403	82,896	88,028	170,924	(NA)	(NA)	(NA)
2361 (old SIC 2361, 2369 Pt.)	Children's dresses:														
	1958 <sup>11</sup> .....	766	802	487	36,123	100,818	31,870	57,111	78,341	167,094	188,437	355,372	1,847	96	83
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	32,539	87,157	28,843	54,194	66,529	130,649	149,319	303,287	(S)	98	94
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,098	87,439	29,363	55,376	67,675	136,093	177,618	313,703	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,862	84,244	30,336	53,693	64,888	134,299	178,257	310,789	(S)	(NA)	(NA)
	1954.....	736	764	442	32,525	78,244	29,410	52,459	61,892	127,773	165,091	292,822	1,451	(NA)	(NA)
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	30,244	73,307	27,050	46,807	57,489	134,786	159,659	294,445	(S)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	26,525	64,261	23,802	35,806	49,739	102,527	133,313	235,840	(S)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	24,880	62,885	22,126	33,775	47,547	102,909	131,079	233,988	(S)	(NA)	(NA)
	1947.....	627	665	(NA)	22,456	43,346	20,374	38,630	33,953	76,291	98,536	174,827	1,534	93	91
	1939.....	(NA)	296	(NA)	16,710	13,952	15,133	(NA)	10,662	25,537	25,046	50,583	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	213	(NA)	(NA)	(NA)	12,759	(NA)	9,017	19,720	25,383	45,103	(NA)	(NA)	(NA)
2363 (old SIC 2363)	Children's coats:														
	1958.....	361	370	210	12,798	42,435	10,967	19,488	31,527	68,205	95,330	163,821	783	95	85
	1955.....	(NA)	(NA)	(NA)	13,338	44,613	11,907	22,531	35,092	75,554	100,843	176,615	(S)	(NA)	(NA)
	1954.....	400	407	214	14,399	44,980	12,849	22,692	35,598	72,003	100,982	173,756	574	91	81
	1947 <sup>14</sup> .....	(NA)	473	(NA)	11,008	22,524	9,834	20,020	19,411	50,841	63,358	114,199	(NA)	(NA)	(NA)
2369 (old SIC 2369 Pt.)	Children's outerwear, nec:														
	1958 <sup>11</sup> .....	735	756	377	31,888	87,931	28,187	50,548	68,716	146,050	177,763	324,052	2,384	79	63
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	38,819	98,223	33,932	59,989	76,490	154,933	185,306	339,274	(S)	80	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	37,397	91,271	32,726	56,840	71,972	138,922	190,429	328,489	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,748	83,559	31,448	55,170	65,694	124,671	180,828	299,643	(S)	(NA)	(NA)
	1954.....	799	812	394	30,613	73,079	27,826	49,851	58,313	120,704	163,456	286,439	1,818	(NA)	(NA)
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	25,348	60,576	23,105	41,321	48,896	94,520	122,460	217,980	(S)	(NA)	(NA)
	1947 <sup>14</sup> .....	(NA)	547	(NA)	14,781	35,084	13,291	(NA)	25,896	50,645	60,864	111,509	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of production (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2341	298,385	2361	127,587
2342	214,870	2363	72,601
2351	101,180	2369	121,863
2352	91,013		

Footnotes continued on next page.

Footnotes for Table 1-23C

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2341	458,603	471,641	2361	187,971	163,912
2342	213,153	179,937	2363	95,267	99,509
2351	79,854	71,945	2369	174,875	156,384
2352	71,947	73,907			

<sup>5</sup>For 1958 and 1954, includes value of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1949-1953, the figures represent value of shipments rather than value of production. Value of production excluding resales was as follows in 1958 and 1954.

Industry Code	Value of Production (\$1,000)		Industry Code	Value of Production (\$1,000)	
	1958	1954		1958	1954
2341	804,870	770,026	2361	354,454	291,499
2342	458,800	394,808	2363	163,743	172,110
2351	188,271	173,125	2369	320,514	278,248
2352	162,233	164,921			

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total value of production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which the value of production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products by all manufacturing establishments, both in and out of the specified industry. Also see Tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$56.6 million for Women's and children's underwear and \$57.4 million for Millinery.

<sup>10</sup>Women's and children's woven underwear was formerly a part of the discontinued classification Clothing, Women's, NEC. Separate figures for years prior to 1935 are not available.

<sup>11</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not exactly comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture for Industries 2361 and 2369 are further described in table 1A.

<sup>12</sup>Less than \$500 thousand.

<sup>13</sup>Coverage was incomplete for Millinery, Industry 2351 in 1933 and 1937.

<sup>14</sup>Comparable figures for earlier years are not available.

<sup>15</sup>The 1957 Standard Industrial Classification combined in this industry four industries which were separate in the 1945 Standard Industrial Classification. These were: Fur-felt hats and hat bodies (old SIC 2281), Wool-felt hats and hat bodies (old SIC 2282), Straw hats (old SIC 2283) and Cloth hats and caps (old SIC 2325). The data for 1954 and earlier years for these four industries have been combined.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2361—Children's dresses.....	802	487	36,123	167,094	xxx	xxx	xxx	xxx
Old Industry 2361—Children's dresses.....	779	473	34,685	160,628	779	473	34,685	160,628
Old Industry 2369—Children's outerwear, nec.....	23	14	1,438	6,466	779	391	33,326	152,516
New Industry 2369—Children's outerwear, nec.....	756	377	31,888	146,050	xxx	xxx	xxx	xxx
Old Industry 2369—Children's outerwear, nec.....	756	377	31,888	146,050	779	391	33,326	152,516



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2341	Women's and children's underwear, total.....	1,231	720	73,527	199,652	65,008	116,788	154,780	347,705	814,721	5,404	73,427	298,385	58,004
	New England.....	69	55	6,201	15,757	5,616	10,318	13,163	23,279	45,980	333	7,886	26,716	6,101
	Vermont.....	7	7	857	2,405	793	1,522	2,121	3,612	7,019	( <sup>2</sup> )	846	3,100	(D)
	Connecticut.....	16	13	1,238	3,180	1,122	2,215	2,639	3,996	8,692	( <sup>2</sup> )	1,553	4,497	1,248
	Middle Atlantic...	909	479	41,008	115,810	35,708	62,714	86,382	199,775	529,079	2,803	42,405	184,603	40,767
	New York.....	700	316	23,124	68,946	19,692	34,633	49,923	125,636	374,207	1,905	24,374	123,810	22,750
	New Jersey.....	70	41	4,613	13,743	4,063	7,243	10,156	24,423	63,415	274	4,936	20,188	5,031
	Pennsylvania....	139	122	13,271	33,121	11,953	20,838	26,303	49,716	91,457	624	13,094	40,604	12,986
	North Central.....	60	44	4,907	14,048	4,228	7,798	10,642	24,829	56,699	409	5,234	20,427	4,929
	Illinois.....	20	12	1,852	5,801	1,522	2,798	4,138	10,853	28,950	289	1,235	5,347	1,072
	Minnesota.....	5	4	333	787	281	462	594	1,595	3,140	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Missouri.....	10	10	916	2,735	788	1,390	1,856	4,363	8,192	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	South Atlantic....	95	75	11,402	28,349	10,238	18,974	23,297	50,201	92,695	1,041	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Virginia.....	12	8	1,359	3,339	1,183	2,163	2,663	4,559	6,490	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West Virginia....	4	2	236	621	227	437	590	719	809	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Georgia.....	16	14	2,077	4,994	1,892	3,823	4,303	12,171	18,222	276	944	2,699	58
	East South Central	23	21	5,164	12,589	4,826	8,668	11,117	25,801	43,998	453	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Mississippi.....	6	6	1,492	3,244	1,336	2,467	2,872	6,686	9,595	( <sup>2</sup> )	763	3,352	(D)
	West South Central	25	19	2,487	6,493	2,240	4,175	4,822	13,255	24,488	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West.....	50	27	2,358	6,606	2,152	4,141	5,357	10,565	21,782	( <sup>2</sup> )	1,859	6,502	1,363
	California.....	43	22	1,848	5,360	1,682	3,278	4,274	8,540	18,989	( <sup>2</sup> )	1,407	4,706	1,126
2341-02	Women's and children's underwear—Manufacturers, total.....	682	400	45,308	126,909	40,176	72,014	97,696	231,373	523,480	3,586	46,406	199,417	(NA)
	New England.....	38	30	3,456	8,950	3,069	5,568	7,085	14,989	36,002	( <sup>2</sup> )	4,824	17,862	(NA)
	Vermont.....	4	4	517	1,435	486	927	1,270	2,254	5,502	( <sup>2</sup> )	...	...	(NA)
	Massachusetts...	21	15	1,960	5,028	1,736	3,068	3,817	9,134	21,163	( <sup>2</sup> )	3,464	12,762	(NA)
	Middle Atlantic...	456	243	24,245	70,121	21,346	37,293	52,934	120,917	293,664	1,777	24,217	110,974	(NA)
	New York.....	384	186	15,688	45,417	13,883	24,397	35,527	78,872	200,869	1,356	16,742	79,729	(NA)
	New Jersey.....	20	14	1,930	6,431	1,621	2,909	4,171	11,111	23,426	( <sup>2</sup> )	1,991	9,735	(NA)
	Pennsylvania....	52	43	6,627	18,273	5,842	9,987	13,236	30,934	69,369	345	5,483	21,509	(NA)
	East North Central	30	19	2,613	7,943	2,214	4,126	5,970	13,268	29,085	307	2,455	10,032	(NA)
	Illinois.....	15	9	1,477	4,874	1,209	2,155	3,425	7,765	16,883	263	1,181	5,154	(NA)
	West North Central	11	10	1,025	2,872	877	1,568	2,082	5,283	11,092	( <sup>2</sup> )	1,523	6,145	(NA)
	Minnesota.....	5	4	333	787	281	462	594	1,595	3,140	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	South and West....	147	98	13,969	37,023	12,670	23,459	29,625	76,916	153,637	1,325	13,385	54,402	(NA)
	Virginia.....	6	2	306	826	268	457	608	1,497	3,096	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	North Carolina..	36	29	4,481	11,683	4,003	7,328	9,223	21,223	48,247	332	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Georgia.....	10	8	953	2,226	879	1,652	1,937	8,926	14,783	( <sup>2</sup> )	600	1,958	(NA)
	California.....	43	22	1,848	5,360	1,682	3,278	4,274	8,540	18,989	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
2341-03	Women's and children's underwear—Jobbers, total.....	147	39	3,032	14,623	1,637	2,912	5,251	41,425	209,323	289	3,925	40,184	(NA)
	Northeast.....	141	36	2,902	13,963	1,587	2,813	5,079	37,921	191,014	266	3,738	37,422	(NA)
	New York.....	129	31	1,720	10,064	539	975	2,223	29,152	153,981	( <sup>2</sup> )	2,161	29,030	(NA)
	North Central and South.....	6	3	130	660	50	99	172	3,504	18,309	( <sup>2</sup> )	187	2,762	(NA)
2341-04	Women's and children's underwear—Contractors, total.....	402	281	25,187	58,120	23,195	41,862	51,833	74,907	81,918	1,529	23,095	58,783	(NA)
	Northeast.....	343	225	16,606	38,533	15,322	27,358	34,447	49,227	54,379	944	17,514	44,961	(NA)
	Vermont.....	3	3	340	970	307	595	851	1,358	1,517	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Connecticut.....	8	7	653	1,521	623	1,225	1,335	1,737	2,125	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	New York.....	187	99	5,716	13,465	5,270	9,261	12,173	17,612	19,357	356	5,469	14,950	(NA)
	North Central, South and West...	59	56	8,581	19,587	7,873	14,504	17,386	25,680	27,539	585	5,581	13,822	(NA)
	Virginia.....	6	6	1,053	2,513	915	1,706	2,055	3,062	3,394	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Georgia.....	6	6	1,124	2,768	1,013	2,171	2,366	3,245	3,439	( <sup>2</sup> )	344	741	(NA)
2342	Corsets and allied garments, total....	414	279	37,808	121,939	31,563	56,139	82,600	248,543	467,485	2,739	38,807	214,870	36,611
	New England.....	36	29	3,563	11,684	3,044	5,488	8,654	28,566	52,792	( <sup>2</sup> )	4,147	31,144	4,182
	Connecticut.....	23	20	2,509	8,157	2,130	3,922	6,082	22,685	44,144	( <sup>2</sup> )	2,873	24,409	2,837
	Middle Atlantic...	266	163	19,548	63,931	16,294	28,449	43,177	114,773	246,289	1,430	21,833	108,120	19,637
	New York.....	194	109	11,491	40,168	9,383	16,581	25,728	69,718	161,161	764	12,826	67,308	12,988
	New Jersey.....	42	29	4,284	14,880	3,457	5,902	9,962	31,338	65,949	330	5,171	29,590	3,268
	Pennsylvania....	30	25	3,773	8,883	3,454	5,966	7,487	13,717	19,179	336	3,835	11,221	3,381

See footnotes at end of table.

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2342	Corsets and allied garments—Continued													
	North Central.....	37	30	4,299	14,324	3,591	6,574	9,044	34,908	58,922	391	5,002	33,234	(D)
	Illinois.....	22	17	2,698	10,793	2,163	4,007	5,944	24,866	43,635	322	3,178	26,643	4,630
	South Atlantic....	24	21	6,265	19,816	5,081	9,071	13,243	49,847	70,780	(2)	(3)	(3)	(3)
	Georgia.....	10	8	2,781	8,325	2,590	4,690	6,698	20,269	30,962	(2)	1,768	7,963	608
	East South Central	5	5	1,129	2,584	1,079	1,950	2,373	6,413	9,898	(2)	(3)	(3)	(3)
	West South Central	9	8	866	2,135	761	1,575	1,789	2,916	3,390	(2)	(3)	(3)	(3)
	Pacific.....	37	23	2,138	7,465	1,713	3,032	4,320	11,120	25,414	341	(3)	(3)	(3)
	California.....	37	23	2,138	7,465	1,713	3,032	4,320	11,120	25,414	341	(3)	(3)	(3)
2342-02	Corsets and allied garments—Manufacturers, total.....	290	187	23,878	81,517	19,587	35,413	53,617	180,040	326,993	1,850	23,459	152,224	(NA)
	New England.....	28	21	2,741	9,365	2,313	4,188	6,879	22,890	43,794	(2)	3,373	25,927	(NA)
	Connecticut.....	18	15	1,904	6,301	1,605	2,941	4,686	17,710	35,853	(2)	2,258	19,769	(NA)
	Middle Atlantic....	185	110	11,166	37,975	9,298	16,359	25,610	66,587	137,360	782	12,432	66,823	(NA)
	New York.....	144	82	8,008	27,876	6,616	11,637	18,595	49,916	103,013	562	9,134	51,863	(NA)
	New Jersey.....	27	18	2,080	7,172	1,784	3,078	4,857	10,523	23,405	(2)	2,240	10,761	(NA)
	Pennsylvania.....	14	10	1,078	2,927	898	1,644	2,158	6,148	10,942	(2)	1,058	4,198	(NA)
	East North Central	23	17	2,778	10,743	2,192	4,138	5,889	30,850	54,923	327	(3)	(3)	(NA)
	South.....	23	19	5,433	17,818	4,326	8,033	11,581	50,786	75,810	245	4,358	30,588	(NA)
	Pacific.....	31	20	1,760	5,616	1,458	2,695	3,658	8,927	15,106	326	(3)	(3)	(NA)
	California.....	31	20	1,760	5,616	1,458	2,695	3,658	8,927	15,106	326	(3)	(3)	(NA)
2342-03	Corsets and allied garments—Jobbers, total.....	27	15	3,275	14,679	2,052	3,566	6,332	36,648	107,454	278	3,008	30,254	(NA)
	New York.....	18	9	1,442	7,023	815	1,393	2,230	13,386	51,355	(2)	1,086	8,601	(NA)
	All other States	9	6	1,833	7,656	1,237	2,173	4,102	23,262	56,099	(2)	1,922	21,653	(NA)
2342-04	Corsets and allied garments—Contractors, total.....	97	77	10,655	25,743	9,924	17,160	22,651	31,855	33,038	611	12,339	32,391	(NA)
	East North Central	11	10	1,203	2,771	1,116	1,960	2,454	3,154	3,067	(2)	(3)	(3)	(NA)
	South.....	15	15	2,827	6,717	2,595	4,563	5,824	8,390	8,258	(2)	(3)	(3)	(NA)
	All other divisions	71	52	6,625	16,255	6,213	10,637	14,373	20,311	21,713	448	(3)	(3)	(NA)
	New York.....	32	18	2,041	5,269	1,952	3,551	4,903	6,416	6,793	(2)	2,606	6,843	(NA)
	Pennsylvania.....	16	15	2,695	5,956	2,556	4,322	5,329	7,569	8,237	290	2,777	7,023	(NA)
2351	Millinery, total....	803	284	17,838	64,095	15,417	28,088	50,173	109,133	190,263	1,371	20,235	101,180	20,933
	New England.....	28	14	2,114	6,447	1,969	3,664	5,560	9,927	15,330	(D)	2,569	9,097	1,484
	Massachusetts....	25	14	2,099	6,413	1,957	3,643	5,533	9,873	15,251	(D)	(3)	(3)	(3)
	Middle Atlantic....	648	222	13,179	49,181	11,267	20,598	38,348	85,233	151,022	1,122	14,117	76,395	14,410
	New York.....	613	206	12,089	45,787	10,312	18,983	35,532	79,654	141,510	1,084	12,753	69,689	13,416
	New Jersey.....	12	5	493	1,601	427	745	1,353	2,628	4,310	(2)	578	3,157	478
	Pennsylvania.....	23	11	597	1,793	528	870	1,463	2,951	5,202	(2)	785	3,548	516
	East North Central	42	17	1,003	3,647	850	1,410	2,552	5,806	9,725	(2)	1,601	7,974	2,259
	Illinois.....	31	14	762	2,873	658	1,083	2,074	4,689	7,396	(2)	1,138	5,732	1,681
	West North Central	15	5	234	668	202	312	498	924	1,483	(2)	345	1,282	528
	Missouri.....	15	5	234	668	202	312	498	924	1,483	(2)	(3)	(3)	(3)
	South Atlantic....	13	9	491	1,552	418	723	1,097	2,366	4,387	(D)	(3)	(3)	(3)
	Maryland.....	6	3	156	575	142	254	436	913	1,424	(D)	249	930	188
	West South Central	19	7	380	1,067	341	671	827	2,123	3,913	(D)	(3)	(3)	(3)
	Texas.....	19	7	380	1,067	341	671	827	2,123	3,913	(D)	(3)	(3)	(3)
	West.....	38	10	437	1,533	370	710	1,291	2,754	4,403	(2)	534	2,113	1,000
2352	Hats and caps, total	446	169	17,701	59,334	15,415	27,803	46,236	91,298	170,692	1,075	20,303	91,013	25,440
	New England.....	43	20	3,260	12,282	2,776	4,608	9,448	19,712	33,132	(2)	(4)	(4)	(4)
	Connecticut.....	17	12	2,473	10,268	2,074	3,513	7,902	16,376	27,429	(2)	(4)	(4)	(4)
	Middle Atlantic....	250	70	7,005	25,169	6,088	10,818	19,608	37,642	70,073	505	(4)	(4)	(4)
	New York.....	196	48	3,268	11,003	2,878	5,084	9,198	17,829	33,848	(2)	(4)	(4)	(4)
	New Jersey.....	22	7	434	1,432	372	670	1,072	2,323	3,964	(2)	(4)	(4)	(4)
	Pennsylvania.....	32	15	3,303	12,734	2,838	5,064	9,338	17,490	32,261	(2)	(4)	(4)	(4)
	East North Central	48	20	1,578	4,803	1,382	2,484	3,829	8,058	15,224	(2)	(4)	(4)	(4)
	Illinois.....	30	14	1,127	3,563	996	1,836	2,887	6,147	11,572	(2)	(4)	(4)	(4)
	West North Central	43	30	2,577	7,239	2,309	4,315	5,884	10,966	22,875	(2)	(4)	(4)	(4)
	Missouri.....	34	27	2,338	6,442	2,131	3,994	5,344	9,855	20,738	(2)	(4)	(4)	(4)
	South.....	40	24	2,934	8,597	2,563	5,033	6,565	13,021	25,676	(2)	(4)	(4)	(4)
	Maryland.....	5	4	464	1,472	410	842	1,003	2,310	3,977	(D)	(4)	(4)	(4)
	Kentucky.....	3	3	219	656	201	422	567	1,036	1,986	(2)	(4)	(4)	(4)
	West.....	22	5	347	1,244	297	545	902	1,899	3,712	(2)	(4)	(4)	(4)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continue

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2361	Children's dresses, total.....	802	487	36,123	100,818	31,870	57,111	78,341	167,094	355,372	1,847	32,525	127,587	22,456
	New England.....	34	20	1,581	4,234	1,422	2,512	3,292	6,450	11,178	( <sup>2</sup> )	1,088	3,734	893
	Massachusetts...	16	8	716	2,067	604	993	1,362	3,050	5,596	( <sup>2</sup> )	676	2,635	552
	Connecticut.....	6	4	273	723	258	485	634	1,000	1,267	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Middle Atlantic...	589	368	26,004	75,627	22,682	40,401	57,506	127,995	290,877	1,285	24,578	103,645	18,584
	New York.....	363	192	10,625	35,270	8,864	15,567	23,882	67,788	174,765	631	9,899	51,066	7,827
	New Jersey.....	106	74	4,485	11,917	4,083	7,347	9,930	19,218	46,253	278	4,801	17,546	3,235
	Pennsylvania.....	120	102	10,894	28,440	9,735	17,487	23,694	40,989	69,859	376	9,878	35,032	7,522
	North Central.....	29	12	903	2,427	754	1,435	1,678	3,745	7,464	( <sup>2</sup> )	705	2,860	670
	Missouri.....	9	2	105	274	86	152	186	334	617	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	South.....	92	66	6,237	14,976	5,789	10,664	12,986	21,917	33,182	354	4,590	11,322	1,637
	Maryland.....	7	6	469	1,204	438	785	1,092	1,768	2,436	( <sup>2</sup> )	443	1,056	(D)
	Virginia.....	12	11	1,201	2,897	1,148	2,128	2,650	3,388	3,788	( <sup>2</sup> )	855	2,006	269
	South Carolina...	12	11	1,896	4,245	1,760	3,143	3,629	6,363	11,405	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West.....	58	21	1,398	3,554	1,223	2,099	2,879	6,987	12,671	( <sup>2</sup> )	1,561	6,022	672
2361-02	Children's dresses—Manufacturers, total.....	278	133	11,376	32,694	9,881	17,818	25,106	58,812	116,923	825	11,709	46,833	(NA)
	New England.....	13	11	947	2,518	826	1,473	1,895	4,562	9,132	( <sup>2</sup> )	558	2,419	(NA)
	Massachusetts...	7	6	453	1,301	360	608	813	2,261	4,759	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Middle Atlantic...	159	78	6,962	21,359	5,986	10,857	16,111	37,228	77,807	544	7,712	32,975	(NA)
	New York.....	114	54	3,632	11,618	3,130	5,524	8,303	20,680	43,955	( <sup>2</sup> )	3,524	16,314	(NA)
	New Jersey.....	18	6	471	1,362	433	769	1,213	2,703	5,087	( <sup>2</sup> )	941	4,149	(NA)
	Pennsylvania.....	27	18	2,859	8,379	2,423	4,564	6,595	13,845	28,765	( <sup>2</sup> )	3,246	12,511	(NA)
	North Central.....	24	10	741	2,032	619	1,211	1,437	3,111	6,142	( <sup>2</sup> )	467	1,609	(NA)
	South.....	42	19	1,778	4,171	1,635	2,878	3,569	8,537	14,299	( <sup>2</sup> )	1,627	4,584	(NA)
	Maryland.....	3	2	110	237	104	175	221	481	1,071	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	West.....	40	15	948	2,614	815	1,399	2,094	5,374	9,543	( <sup>2</sup> )	1,343	5,244	(NA)
2361-03	Children's dresses—Jobbers, total.....	124	51	4,754	20,030	3,189	5,672	9,734	48,858	175,211	390	4,650	40,951	(NA)
	Middle Atlantic...	113	47	4,178	18,278	2,716	4,835	8,685	45,850	165,286	315	4,442	39,112	(NA)
	New York.....	96	35	2,505	12,025	1,512	2,699	4,966	31,940	114,820	262	2,561	24,508	(NA)
	North Central, South and West...	11	4	576	1,752	473	837	1,049	3,008	9,925	( <sup>2</sup> )	208	1,839	(NA)
2361-04	Children's dresses—Contractors, total.....	400	303	19,993	48,094	18,800	33,621	43,501	59,424	63,238	630	16,165	39,801	(NA)
	New England.....	21	9	634	1,716	596	1,039	1,397	1,888	2,046	( <sup>2</sup> )	529	1,315	(NA)
	Massachusetts...	9	2	263	766	244	385	549	789	837	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	Middle Atlantic...	317	243	14,864	35,990	13,980	24,709	32,710	44,917	47,784	426	12,423	31,558	(NA)
	New York.....	153	103	4,488	11,627	4,222	7,344	10,613	15,168	15,990	( <sup>2</sup> )	3,813	10,243	(NA)
	North Central, South and West...	62	51	4,495	10,388	4,224	7,873	9,394	12,619	13,408	( <sup>2</sup> )	3,213	6,928	(NA)
	Maryland.....	4	4	359	967	334	610	871	1,287	1,365	( <sup>2</sup> )	443	1,056	(NA)
2363	Children's coats, total.....	370	210	12,798	42,435	10,967	19,488	31,527	68,205	163,821	783	14,399	72,601	11,008
	New England.....	11	7	571	1,743	505	954	1,357	2,618	4,527	( <sup>2</sup> )	895	3,412	551
	Middle Atlantic...	323	189	10,965	37,507	9,367	16,485	27,702	60,592	150,240	679	11,773	62,494	9,510
	New York.....	212	115	5,678	21,643	4,621	8,160	14,852	36,742	103,817	474	6,128	38,577	6,608
	New Jersey.....	68	37	2,490	7,887	2,235	3,806	6,239	11,876	25,397	( <sup>2</sup> )	2,978	14,010	1,468
	Pennsylvania.....	43	37	2,797	7,977	2,511	4,519	6,611	11,974	21,026	( <sup>2</sup> )	2,666	9,906	1,434
	North Central.....	12	4	295	778	263	464	632	1,334	2,435	( <sup>2</sup> )	946	3,540	656
	South.....	9	7	757	1,802	656	1,280	1,363	2,738	4,433	( <sup>2</sup> )	482	1,400	148
	Pacific.....	15	3	210	605	176	305	473	923	2,186	( <sup>2</sup> )	302	1,755	143
	California.....	15	3	210	605	176	305	473	923	2,186	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2363-02	Children's coats—Manufacturers, total.....	136	83	5,339	18,457	4,515	8,432	13,895	30,849	70,665	485	6,728	35,298	(NA)
	Northeast.....	115	74	4,508	16,236	3,816	7,091	12,255	27,193	63,314	423	5,389	29,793	(NA)
	New York.....	77	46	2,333	9,211	1,895	3,425	6,653	15,846	38,279	291	2,906	17,932	(NA)
	Pennsylvania.....	15	14	1,030	3,255	926	1,761	2,747	5,082	11,686	( <sup>2</sup> )	1,435	6,209	(NA)
	North Central and South.....	11	6	666	1,722	560	1,088	1,235	3,007	5,723	( <sup>2</sup> )	1,338	5,502	(NA)
	Pacific.....	10	3	165	499	139	253	405	649	1,628	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)
	California.....	10	3	165	499	139	253	405	649	1,628	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number	
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)							
2363	Children's coats--Continued														
2363-03	Children's coats--Jobbers, total.....	66	20	1,164	7,207	566	1,008	2,456	15,936	70,617	( <sup>2</sup> )	1,509	17,825	(NA)	
	New York.....	55	16	900	5,547	427	750	1,783	12,235	56,438	( <sup>2</sup> )	1,045	13,354	(NA)	
	All other States	11	4	264	1,660	139	258	673	3,701	14,179	( <sup>2</sup> )	464	4,471	(NA)	
2363-04	Children's coats--Contractors, total.	168	107	6,295	16,771	5,886	10,048	15,176	21,420	22,539	( <sup>2</sup> )	6,162	19,478	(NA)	
	Northeast.....	155	102	5,876	15,850	5,498	9,346	14,363	20,219	21,254	( <sup>2</sup> )	5,785	18,598	(NA)	
	New York.....	80	53	2,445	6,885	2,299	3,985	6,416	8,661	9,100	( <sup>2</sup> )	2,176	7,290	(NA)	
	North Central, South and West...	13	5	419	921	388	702	813	1,201	1,285	( <sup>2</sup> )	377	880	(NA)	
2369	Children's outerwear, nec, total...	756	377	31,888	87,931	28,187	50,548	68,716	146,050	324,052	2,384	30,613	121,863	14,781	
	New England.....	48	25	3,116	8,964	2,853	5,403	7,565	15,966	36,196	( <sup>2</sup> )	2,526	12,909	1,331	
	Middle Atlantic...	495	222	14,215	42,296	12,322	21,778	31,576	71,285	177,710	1,120	16,998	70,135	8,796	
	New York.....	386	152	9,705	31,029	8,254	14,934	22,383	53,853	143,570	951	12,598	55,394	6,484	
	New Jersey.....	40	24	1,399	3,811	1,264	2,221	3,025	5,875	13,070	( <sup>2</sup> )	1,378	4,203	851	
	Pennsylvania...	69	46	3,111	7,456	2,804	4,623	6,168	11,557	21,070	( <sup>2</sup> )	3,020	10,538	1,461	
	East North Central	29	14	1,212	3,223	1,045	1,940	2,555	5,636	10,393	( <sup>2</sup> )	1,939	7,767	1,146	
	Illinois.....	9	4	213	532	176	322	423	1,039	1,971	( <sup>2</sup> )	887	3,425	547	
	West North Central	27	17	1,390	3,560	1,095	2,006	2,608	7,858	14,862	( <sup>2</sup> )	1,925	6,884	775	
	Iowa.....	3	3	274	805	200	356	466	1,497	2,525	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	Missouri.....	12	8	478	1,242	379	700	845	2,871	6,829	( <sup>2</sup> )	479	2,011	296	
	South Atlantic...	67	49	7,605	18,407	7,003	12,429	15,259	27,093	49,190	571	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	North Carolina..	15	13	1,652	3,755	1,548	2,561	3,287	4,786	7,529	(D)	1,309	3,634	...	
	South Carolina..	8	7	2,882	6,879	2,720	4,858	5,692	11,803	22,122	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	Florida.....	15	9	623	1,794	553	1,042	1,372	2,559	5,804	(D)	216	1,011	87	
	East South Central	10	8	1,110	2,734	1,001	1,833	2,244	5,509	11,888	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	West South Central	26	16	1,888	5,194	1,669	3,166	3,925	7,679	14,278	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	Texas.....	19	11	1,515	4,273	1,347	2,594	3,143	6,239	12,077	( <sup>2</sup> )	1,048	4,627	(D)	
	West.....	54	26	1,352	3,553	1,199	1,993	2,984	5,024	9,535	( <sup>2</sup> )	1,370	5,120	730	
	California.....	47	24	1,233	3,310	1,091	1,839	2,780	4,655	8,978	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	
	2369-02	Children's outerwear, nec--Manufacturers, total...	421	187	19,077	52,103	16,929	30,112	40,887	87,072	186,808	1,367	18,152	74,003	(NA)
		New England.....	24	7	1,984	6,105	1,826	3,440	5,115	11,695	24,313	( <sup>2</sup> )	1,413	7,129	(NA)
		Middle Atlantic...	245	97	6,967	20,084	6,179	10,773	15,675	33,106	78,959	516	8,365	35,775	(NA)
New York.....		186	65	4,448	13,568	3,895	6,914	10,451	22,285	55,858	392	5,804	25,864	(NA)	
New Jersey.....		18	10	740	1,982	672	1,193	1,577	3,160	7,134	( <sup>2</sup> )	634	2,091	(NA)	
Pennsylvania....		41	22	1,779	4,534	1,612	2,666	3,647	7,661	15,967	( <sup>2</sup> )	1,926	7,819	(NA)	
North Central....		43	22	1,969	5,133	1,620	3,038	3,895	10,509	19,487	( <sup>2</sup> )	2,779	10,726	(NA)	
Iowa.....		3	3	274	805	200	356	466	1,535	2,325	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	
South Atlantic....		40	28	5,221	12,744	4,729	8,330	10,070	20,347	41,866	431	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	
North Carolina..		6	5	536	1,113	484	748	865	1,737	4,088	(D)	1,021	2,986	(NA)	
East South Central		5	3	263	633	238	302	454	636	1,302	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	
West South Central		22	13	1,716	4,849	1,511	2,876	3,618	7,151	13,728	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	
West.....		42	17	957	2,555	826	1,353	2,060	3,628	7,153	( <sup>2</sup> )	1,119	4,474	(NA)	
California.....		36	15	851	2,341	728	1,217	1,878	3,306	6,649	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	(NA)	
2369-03		Children's outerwear, nec--Jobbers, total.....	104	32	2,187	9,735	1,366	2,719	4,274	25,206	100,748	280	2,475	22,009	(NA)
	New England.....	5	3	149	328	98	190	146	1,253	8,677	( <sup>2</sup> )	268	3,145	(NA)	
	Middle Atlantic...	89	25	1,764	8,557	1,094	2,174	3,686	19,949	79,009	( <sup>2</sup> )	1,839	16,446	(NA)	
	New York.....	85	22	1,600	7,912	968	1,954	3,361	18,686	73,639	( <sup>2</sup> )	1,820	16,181	(NA)	
	North Central, South and West...	10	4	274	850	174	355	442	4,004	13,062	( <sup>2</sup> )	368	2,418	(NA)	
2369-04	Children's outerwear, nec--Contractors, total....	231	158	10,624	26,093	9,892	17,717	23,555	33,772	36,496	737	9,985	25,851	(NA)	
	New England.....	19	15	983	2,531	929	1,773	2,304	3,018	3,206	( <sup>2</sup> )	844	2,635	(NA)	
	Middle Atlantic...	161	100	5,484	13,655	5,049	8,831	12,215	18,230	19,742	362	6,792	17,914	(NA)	
	New York.....	115	65	3,657	9,549	3,391	6,066	8,571	12,882	14,073	333	4,973	13,348	(NA)	
	North Central, South and West...	51	43	4,157	9,907	3,914	7,113	9,036	12,524	13,548	319	2,348	5,301	(NA)	
	North Carolina..	9	8	1,116	2,642	1,064	1,813	2,422	3,049	3,441	(D)	287	647	(NA)	

Note: Detailed figures may not add to the totals because of independent rounding.

R Revised.

NA Not Available.

D Withheld to avoid disclosing figures for individual companies.

Footnotes continued on next page.



Footnotes for Table 2-23C

- <sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.
- SIC 2341, Women's and Children's Underwear: New England—Maine, 2 (20-99); New Hampshire, 2 (20-99); Massachusetts, 36 (2,500-4,999); Rhode Island, 6 (250-499); North Central—Ohio, 5 (250-499); Indiana, 3 (250-499); Michigan, 10 (500-999); Wisconsin, 3 (100-249); Iowa, 4 (250-499); South Atlantic—Delaware, 1 (20-99); Maryland, 3 (250-499); North Carolina, 47 (5,000 and over); South Carolina, 9 (1,000-2,499); Florida, 3 (20-99); East South Central—Tennessee, 6 (500-999); Alabama, 11 (2,500-4,999); West South Central—Arkansas, 1 (20-99); Louisiana, 5 (250-499); Oklahoma, 3 (1,000-2,499); Texas, 16 (1,000-2,499); West—Colorado, 2 (100-249); Arizona, 2 (100-249); Utah, 2 (250-499); Washington, 1 (1-19).
- SIC 2341-02, Women's and Children's Underwear, Manufacturers: New England—Maine, 2 (20-99); New Hampshire, 2 (20-99); Rhode Island, 2 (100-249); Connecticut, 7 (500-999); East North Central—Ohio, 2 (20-99); Indiana, 3 (250-499); Michigan, 8 (500-999); Wisconsin, 2 (100-249); West North Central—Iowa, 2 (100-249); Missouri, 4 (250-499); South and West—Delaware, 1 (20-99); Maryland, 1 (250-499); West Virginia, 1 (1-19); South Carolina, 4 (100-249); Florida, 3 (20-99); Tennessee, 4 (250-499); Alabama, 8 (1,000-2,499); Mississippi, 2 (500-999); Arkansas, 1 (20-99); Louisiana, 5 (250-499); Oklahoma, 2 (500-999); Texas, 15 (1,000-2,499); Colorado, 2 (100-249); Arizona, 1 (1-19); Utah, 1 (20-99); Washington, 1 (1-19).
- SIC 2341-03, Women's and Children's Underwear—Jobbers: Northeast—Massachusetts, 1 (1-19); Connecticut, 1 (1-19); New Jersey, 9 (1,000-2,499); Pennsylvania, 1 (1-19); North Central and South—Illinois, 3 (20-99); Missouri, 1 (20-99); South Carolina, 2 (20-99).
- SIC 2341-04, Women's and Children's Underwear—Contractors: Northeast—Massachusetts, 14 (1,000-2,499); Rhode Island, 4 (20-99); New Jersey, 41 (1,000-2,499); Pennsylvania, 86 (5,000 and over); North Central South and West—Ohio, 3 (250-499); Illinois, 2 (250-499); Michigan, 2 (100-249); Wisconsin, 1 (20-99); Iowa, 2 (20-99); Missouri, 5 (250-499); Maryland, 2 (100-249); West Virginia, 3 (100-249); North Carolina, 11 (1,000-2,499); South Carolina, 3 (500-999); Tennessee, 2 (100-249); Alabama, 3 (500-999); Mississippi, 4 (500-999); Oklahoma, 1 (100-249); Texas, 1 (20-99); Arizona, 1 (100-249); Utah, 1 (100-249).
- SIC 2342, Corsets and Allied Garments: New England—Massachusetts, 12 (1,000-2,499); Rhode Island, 1 (1-19); North Central—Ohio, 2 (20-99); Indiana, 4 (500-999); Michigan, 5 (500-999); Wisconsin, 1 (20-99); Nebraska, 2 (250-499); Kansas, 1 (20-99); South Atlantic—Delaware, 1 (1,000-2,499); Maryland, 1 (20-99); West Virginia, 6 (1,103); North Carolina, 1 (100-249); South Carolina, 1 (100-249); Florida, 4 (250-499); East South Central—Kentucky, 1 (20-99); Tennessee, 1 (250-499); Alabama, 3 (500-999); West South Central—Arkansas, 2 (100-249); Oklahoma, 1 (20-99); Texas, 6 (500-999).
- SIC 2342-02, Corsets and Allied Garments—Manufacturers: New England—Massachusetts, 9 (500-999); Rhode Island, 1 (1-19); East North Central—Ohio, 2 (20-99); Indiana, 1 (250-499); Illinois, 15 (1,835); Michigan, 4 (500-999); Wisconsin, 1 (20-99); South—Delaware, 1 (1,000-2,499); Maryland, 1 (20-99); West Virginia, 2 (20-99); North Carolina, 1 (100-249); Georgia, 7 (1,000-2,499); Florida, 3 (100-249); Central—Kentucky, 1 (20-99); Tennessee, 1 (250-499); Alabama, 1 (250-499); Arkansas, 1 (20-99); Oklahoma, 1 (20-99); Texas, 3 (100-249).
- SIC 2342-03, Corsets and Allied Garments—Jobbers: Northeast—Connecticut, 1 (100-249); New Jersey, 5 (1,000-2,499); Pacific—California, 3 (100-249).
- SIC 2342-04, Corsets and Allied Garments—Contractors: New England—Massachusetts, 3 (100-249); Connecticut, 4 (250-499); Middle Atlantic—New Jersey, 10 (500-999); East North Central—Indiana, 3 (250-499); Illinois, 7 (500-999); Michigan, 1 (20-99); West North Central—Nebraska, 2 (250-499); Kansas, 1 (20-99); South—West Virginia, 4 (1,000-2,499); South Carolina, 1 (100-249); Georgia, 3 (500-999); Florida, 1 (20-99); Alabama, 2 (250-499); Arkansas, 1 (100-249); Texas, 3 (250-499); Pacific—California, 3 (100-249).
- SIC 2351, Millinery: New England—Connecticut, 3 (1-19); East North Central—Ohio, 5 (100-249); Michigan, 4 (20-99); Wisconsin, 2 (100-249); South Atlantic—Virginia, 3 (100-249); Georgia, 3 (100-249); Florida, 1 (1-19); West—Colorado, 2 (1-19); Washington, 2 (20-99); Oregon, 1 (1-19); California, 33 (250-499).
- SIC 2352, Hats and Caps: New England—New Hampshire, 1 (1-19); Massachusetts, 25 (500-999); East North Central—Ohio, 9 (100-249); Indiana, 3 (100-249); Michigan, 3 (20-99); Wisconsin, 3 (100-249); West North Central—Minnesota, 7 (100-249); Iowa, 2 (20-99); South—Virginia, 2 (250-499); South Carolina, 1 (20-99); Georgia, 1 (20-99); Florida, 5 (1-19); Tennessee, 4 (100-249); Alabama, 2 (20-99); Oklahoma, 1 (1-19); Texas, 16 (1,557); West—Colorado, 2 (20-99); Washington, 1 (1-19); Oregon, 1 (1-19); California, 18 (250-499).
- SIC 2361, Children's Dresses: New England—Maine, 3 (100-249); Vermont, 6 (100-249); Rhode Island, 3 (250-499); North Central—Ohio, 1 (20-99); Indiana, 1 (100-249); Illinois, 6 (100-249); Michigan, 4 (20-99); Wisconsin, 2 (20-99); Minnesota, 3 (100-249); Kansas, 3 (20-99); South—Delaware, 2 (20-99); West Virginia, 1 (20-99); North Carolina, 9 (500-999); Georgia, 1 (20-99); Florida, 6 (20-99); Kentucky, 1 (100-249); Tennessee, 2 (20-99); Arkansas, 2 (20-99); Oklahoma, 3 (20-99); Texas, 34 (1,000-2,499); West—Arizona, 1 (1-19); Utah, 1 (1-19); Washington, 1 (1-19); Oregon, 1 (100-249); California, 54 (1,256).
- SIC 2361-02, Children's Dresses—Manufacturers: New England—Maine, 2 (100-249); Vermont, 1 (1-19); Rhode Island, 2 (250-499); Connecticut, 1 (20-99); North Central—Indiana, 1 (100-249); Illinois, 5 (100-249); Michigan, 4 (20-99); Wisconsin, 2 (20-99); Minnesota, 3 (100-249); Missouri, 7 (20-99); Kansas, 2 (20-99); South—Virginia, 1 (1-19); North Carolina, 1 (100-249); South Carolina, 2 (500-999); Georgia, 1 (20-99); Florida, 6 (20-99); Tennessee, 1 (1-19); Arkansas, 1 (1-19); Oklahoma, 3 (20-99); Texas, 23 (500-999); West—Arizona, 1 (1-19); Utah, 1 (1-19); Washington, 1 (1-19); Oregon, 1 (100-249); California, 36 (500-999).
- SIC 2361-03, Children's Dresses—Jobbers: Middle Atlantic—New Jersey, 11 (500-999); Pennsylvania, 6 (500-999); North Central—South and West—Ohio, 1 (20-99); Illinois, 1 (1-19); Missouri, 1 (1-19); North Carolina, 1 (20-99); South Carolina, 2 (250-499); California, 5 (20-99).
- SIC 2361-04, Children's Dresses—Contractors: New England—Maine, 1 (1-19); Vermont, 5 (100-249); Rhode Island, 1 (1-19); Connecticut, 5 (100-249); Middle Atlantic—New Jersey, 77 (3,195); Pennsylvania, 87 (7,181); North Central—South and West—Missouri, 1 (1-19); Kansas, 1 (20-99); Delaware, 2 (20-99); Virginia, 11 (1,000-2,499); West Virginia, 1 (20-99); North Carolina, 7 (500-999); South Carolina, 8 (1,000-2,499); Kentucky, 1 (100-249); Tennessee, 1 (20-99); Arkansas, 1 (20-99); Texas, 11 (500-999); California, 13 (250-499).
- SIC 2363, Children's Coats: New England—Maine, 1 (1-19); New Hampshire, 1 (20-99); Massachusetts, 8 (250-499); Connecticut, 1 (20-99); North Central—Ohio, 1 (1-19); Indiana, 1 (1-19); Illinois, 3 (20-99); Michigan, 4 (20-99); Wisconsin, 1 (1-19); Minnesota, 2 (100-249); South—Maryland, 1 (20-99); Virginia, 1 (1-19); North Carolina, 2 (250-499); Georgia, 2 (100-249); Tennessee, 1 (1-19); Alabama, 1 (20-99); Texas, 1 (20-99).
- SIC 2363-02, Children's Coats—Manufacturers: Northeast—Maine, 1 (1-19); New Hampshire, 1 (20-99); Massachusetts, 4 (100-249); Connecticut, 1 (20-99); New Jersey, 16 (500-999); North Central and South—Illinois, 3 (20-99); Michigan, 2 (1-19); Minnesota, 2 (100-249); Virginia, 1 (1-19); North Carolina, 2 (250-499); Texas, 1 (20-99).
- SIC 2363-03, Children's Coats—Jobbers: Middle Atlantic—New Jersey, 7 (100-249); Pennsylvania, 2 (20-99); Pacific—California, 2 (1-19).
- SIC 2363-04, Children's Coats—Contractors: Northeast—Massachusetts, 4 (100-249); New Jersey, 45 (1,531); Pennsylvania, 26 (1,000-2,499); North Central—South and West—Ohio, 1 (1-19); Indiana, 1 (1-19); Michigan, 2 (20-99); Wisconsin, 1 (1-19); Maryland, 1 (20-99); Georgia, 2 (100-249); Tennessee, 1 (1-19); Alabama, 1 (20-99); California, 3 (20-99).
- SIC 2369, Children's Outerwear, NEC: New England—Maine, 3 (100-249); New Hampshire, 2 (100-249); Vermont, 2 (20-99); Massachusetts, 35 (1,841); Rhode Island, 2 (500-999); Connecticut, 4 (20-99); East North Central—Ohio, 4 (20-99); Indiana, 2 (100-249); Michigan, 9 (500-999); Wisconsin, 5 (20-99); West North Central—Minnesota, 8 (250-499); Kansas, 4 (100-249); South Atlantic—Delaware, 2 (20-99); Maryland, 9 (250-499); District of Columbia, 1 (1-19); Virginia, 5 (500-999); West Virginia, 1 (250-499); Georgia, 11 (1,000-2,499); East South Central—Tennessee, 1 (20-99); Alabama, 7 (500-999); Mississippi, 2 (250-499); West South Central—Louisiana, 4 (100-249); Oklahoma, 3 (100-249); West—Colorado, 2 (1-19); Utah, 2 (20-99); Washington, 1 (20-99); Oregon, 2 (20-99).
- SIC 2369-02, Children's Outerwear, NEC—Manufacturers: New England—Maine, 3 (100-249); Massachusetts, 16 (500-999); Rhode Island, 2 (500-999); Connecticut, 3 (20-99); North Central—Ohio, 2 (20-99); Indiana, 1 (1-19); Illinois, 7 (100-249); Michigan, 5 (250-499); Wisconsin, 4 (1-19); Minnesota, 7 (250-499); Missouri, 10 (250-499); Kansas, 4 (100-249); South Atlantic—Maryland, 5 (100-249); District of Columbia, 1 (1-19); West Virginia, 1 (250-499); South Carolina, 5 (2,500-4,999); Georgia, 9 (1,000-2,499); Florida, 13 (500-999); East South Central—Tennessee, 1 (20-99); Alabama, 3 (20-99); Mississippi, 1 (100-249); West South Central—Louisiana, 4 (100-249); Oklahoma, 1 (20-99); Texas, 17 (1,000-2,499); West—Colorado, 2 (1-19); Utah, 2 (20-99); Washington, 1 (20-99); Oregon, 1 (1-19).
- SIC 2369-03, Children's Outerwear, NEC—Jobbers: New England—Vermont, 1 (1-19); Massachusetts, 4 (100-249); Middle Atlantic—New Jersey, 3 (20-99); Pennsylvania, 1 (20-99); North Central, South and West—Ohio, 1 (1-19); Illinois, 1 (20-99); Minnesota, 1 (1-19); Missouri, 2 (20-99); Maryland, 1 (1-19); Virginia, 1 (1-19); Alabama, 1 (100-249); Texas, 1 (1-19); California, 1 (20-99).
- SIC 2369-04, Children's Outerwear, NEC—Contractors: New England—New Hampshire, 2 (100-249); Vermont, 1 (20-99); Massachusetts, 15 (500-999); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 19 (500-999); Pennsylvania, 27 (1,000-2,499); North Central, South and West—Ohio, 1 (1-19); Indiana, 1 (20-99); Illinois, 1 (20-99); Michigan, 4 (250-499); Wisconsin, 1 (20-99); Delaware, 2 (20-99); Maryland, 3 (100-249); Virginia, 4 (500-999); South Carolina, 3 (250-499); Georgia, 2 (100-249); Florida, 2 (20-99); Alabama, 3 (500-999); Mississippi, 1 (100-249); Oklahoma, 2 (100-249); Texas, 1 (20-99); Oregon, 1 (1-19); California, 10 (250-499).

<sup>2</sup>Less than \$250 thousand.

<sup>3</sup>This State or region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification. (See text of this report).



Table 3.—Detailed Statistics for the United States: 1958

Item	Women's and children's underwear				Corsets and allied garments				Millinery (SIC 2351)	Hats and caps (SIC 2352)
	Total (SIC 2341)	Manufac- turers (SIC 2341- 02)	Jobbers (SIC 2341- 03)	Contrac- tors (SIC 2341- 04)	Total (SIC 2342)	Manufac- turers (SIC 2342- 02)	Jobbers (SIC 2342- 03)	Contrac- tors* (SIC 2342- 04)		
Primary product specialization ratio <sup>1</sup> .....	96	(NA)	(NA)	(NA)	96	(NA)	(NA)	(NA)	99	98
Coverage ratio <sup>2</sup> .....	83	(NA)	(NA)	(NA)	98	(NA)	(NA)	(NA)	99	98
Number of establishments, total.....	1,231	682	147	402	414	290	27	97	803	446
With 1-19 employees.....	511	282	108	121	135	103	12	20	519	277
With 20-99 employees.....	527	289	34	204	163	117	6	40	261	131
With 100 employees or more.....	193	111	5	77	116	70	9	37	23	38
Proprietors and working partners.....Number..	661	380	28	253	101	77	5	19	449	339
All employees:										
Number (average for the year).....	73,527	45,308	3,032	25,187	37,808	23,878	3,275	10,655	17,838	17,701
Payroll.....\$1,000..	199,652	126,909	14,623	58,120	121,939	81,517	14,679	25,743	64,095	59,334
Production workers:										
Number (average for the year).....	65,008	40,176	1,637	23,195	31,563	19,587	2,052	9,924	15,417	15,415
March.....	63,673	(NA)	(NA)	(NA)	31,967	(NA)	(NA)	(NA)	18,138	15,635
May.....	61,395	(NA)	(NA)	(NA)	30,995	(NA)	(NA)	(NA)	12,409	14,885
August.....	65,551	(NA)	(NA)	(NA)	30,729	(NA)	(NA)	(NA)	16,561	15,259
November.....	69,413	(NA)	(NA)	(NA)	32,561	(NA)	(NA)	(NA)	14,560	15,881
Man-hours.....1,000..	116,788	72,014	2,912	41,862	56,139	35,413	3,566	17,160	28,088	27,803
January-March.....do....	28,263	(NA)	(NA)	(NA)	14,259	(NA)	(NA)	(NA)	8,097	7,062
April-June.....do....	27,122	(NA)	(NA)	(NA)	13,788	(NA)	(NA)	(NA)	5,821	6,718
July-September.....do....	29,399	(NA)	(NA)	(NA)	13,305	(NA)	(NA)	(NA)	7,331	6,656
October-December.....do....	32,004	(NA)	(NA)	(NA)	14,787	(NA)	(NA)	(NA)	6,839	7,367
Wages.....\$1,000..	154,780	97,696	5,251	51,833	82,600	53,617	6,332	22,651	50,173	46,236
Cost of materials, etc., total.....do....	467,398	292,672	167,763	6,963	220,899	148,528	70,578	1,793	81,378	78,477
Materials, parts, containers, and supplies consumed.....do....	382,608	268,203	108,675	5,730	157,225	122,737	33,048	1,440	76,099	68,615
Cost of resales.....do....	8,795	4,638	4,101	56	7,746	6,506	1,196	44	1,524	6,530
Fuels consumed.....do....	774	487	6	281	522	429	16	77	324	937
Electricity purchased.....do....	1,884	1,174	202	508	962	646	106	210	866	730
Contract work.....do....	73,337	18,170	54,779	388	54,444	18,210	36,212	22	2,565	1,665
Value of production (including resales), total.....do....	814,721	523,480	209,323	81,918	467,485	326,993	107,454	33,038	190,263	170,692
Value of resales.....do....	9,851	4,947	4,853	51	8,685	7,359	1,275	51	1,992	8,459
Value added by manufacture, adjusted...do....	347,705	231,373	41,425	74,907	248,543	180,040	36,648	31,855	109,133	91,298
Manufacturers' inventories:										
Beginning of year, total.....do....	105,488	75,554	24,973	4,961	69,870	45,446	22,080	2,344	11,074	29,156
Finished products.....do....	48,221	34,498	12,087	1,636	34,111	21,623	11,853	635	3,397	11,101
Work-in-process.....do....	22,722	15,671	5,319	1,732	16,043	9,584	5,083	1,376	1,683	6,015
Materials, supplies, fuel, etc.....do....	34,545	25,385	7,567	1,593	19,716	14,239	5,144	333	5,994	12,040
End of year, total.....do....	101,290	72,456	24,376	4,458	73,175	49,403	20,687	3,085	12,108	27,685
Finished products.....do....	44,722	31,614	11,541	1,567	34,950	23,373	11,001	576	3,661	10,679
Work-in-process.....do....	23,104	16,236	5,184	1,684	18,000	11,159	4,855	1,986	1,931	5,098
Materials, supplies, fuel, etc.....do....	33,464	24,606	7,651	1,207	20,225	14,871	4,831	523	6,516	11,908
Expenditures for plant and equipment, total.....do....	5,973	3,890	377	1,706	2,848	1,938	293	617	1,436	1,161
New, total.....do....	5,404	3,586	289	1,529	2,739	1,850	278	611	1,371	1,075
New structures and additions to plant.....do....	1,552	1,318	22	212	681	515	77	89	243	176
New machinery and equipment.....do....	3,852	2,268	267	1,317	2,058	1,335	201	522	1,128	899
Used plant and equipment.....do....	569	304	88	177	109	88	15	6	65	86

See footnotes at end of table.



Table 3.—Detailed Statistics for the United States: 1958—Continued

	Children's dresses				Children's coats				Children's outerwear, nec			
	Total (SIC 2361)	Manufac- turers (SIC 2361-02)	Jobbers (SIC 2361-03)	Contrac- tors (SIC 2361-04)	Total (SIC 2363)	Manufac- turers (SIC 2363-02)	Jobbers (SIC 2363-03)	Contrac- tors (SIC 2363-04)	Total (SIC 2369)	Manufac- turers (SIC 2369-02)	Jobbers (SIC 2369-03)	Contrac- tors (SIC 2369-04)
Primary product specialization ratio <sup>1</sup> .....	96	(NA)	(NA)	(NA)	95	(NA)	(NA)	(NA)	79	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	83	(NA)	(NA)	(NA)	85	(NA)	(NA)	(NA)	63	(NA)	(NA)	(NA)
Number of establishments, total.....	802	278	124	400	370	136	66	168	756	421	104	231
With 1-19 employees.....	315	145	73	97	160	53	46	61	379	234	72	73
With 20-99 employees.....	397	103	40	254	187	70	19	98	305	141	30	134
With 100 employees or more.....	90	30	11	49	23	13	1	9	72	46	2	24
Proprietors and working partners.....Number..	557	250	47	260	222	87	24	111	466	290	19	157
All employees:												
Number (average for the year).....	36,123	11,376	4,754	19,993	12,798	5,339	1,164	6,295	31,888	19,077	2,187	10,624
Payroll.....\$1,000..	100,818	32,694	20,030	48,094	42,435	18,457	7,207	16,771	87,931	52,103	9,735	26,093
Production workers:												
Number (average for the year).....	31,870	9,881	3,189	18,800	10,967	4,515	566	5,886	28,187	16,929	1,366	9,892
March.....	32,138	(NA)	(NA)	(NA)	10,383	(NA)	(NA)	(NA)	28,266	(NA)	(NA)	(NA)
May.....	30,978	(NA)	(NA)	(NA)	9,804	(NA)	(NA)	(NA)	26,913	(NA)	(NA)	(NA)
August.....	32,265	(NA)	(NA)	(NA)	13,476	(NA)	(NA)	(NA)	28,570	(NA)	(NA)	(NA)
November.....	32,099	(NA)	(NA)	(NA)	10,205	(NA)	(NA)	(NA)	28,999	(NA)	(NA)	(NA)
Man-hours.....1,000..	57,111	17,818	5,672	33,621	19,488	8,432	1,008	10,048	50,548	30,112	2,719	17,717
January-March.....do....	14,455	(NA)	(NA)	(NA)	4,543	(NA)	(NA)	(NA)	12,708	(NA)	(NA)	(NA)
April-June.....do....	14,009	(NA)	(NA)	(NA)	4,408	(NA)	(NA)	(NA)	12,425	(NA)	(NA)	(NA)
July-September.....do....	14,249	(NA)	(NA)	(NA)	6,024	(NA)	(NA)	(NA)	12,334	(NA)	(NA)	(NA)
October-December.....do....	14,398	(NA)	(NA)	(NA)	4,513	(NA)	(NA)	(NA)	13,081	(NA)	(NA)	(NA)
Wages.....\$1,000..	78,341	25,106	9,734	43,501	31,527	13,895	2,456	15,176	68,716	40,887	4,274	23,555
Cost of materials, etc., total.....do....	188,437	57,846	126,684	3,907	95,330	39,596	54,611	1,123	177,763	98,684	76,397	2,682
Materials, parts, containers, and supplies consumed.....do....	128,205	47,563	78,018	2,624	66,354	33,214	32,248	892	137,943	87,503	48,542	1,898
Cost of resales.....do....	467	291	152	24	63	28	24	11	2,888	2,547	61	280
Fuels consumed.....do....	312	101	91	120	130	75	13	42	253	177	16	60
Electricity purchased.....do....	914	338	227	349	426	189	96	141	769	475	108	186
Contract work.....do....	58,539	9,553	48,196	790	28,357	6,090	22,230	37	35,910	7,982	27,670	258
Value of production (including resales), total.....do....	355,372	116,923	175,211	63,238	163,821	70,665	70,617	22,539	324,052	186,808	100,748	36,496
Value of resales.....do....	918	647	221	50	78	33	32	13	3,538	3,138	72	328
Value added by manufacture, adjusted...do....	167,094	58,812	48,858	59,424	68,205	30,849	15,936	21,420	146,050	87,072	25,206	33,772
Manufacturers' inventories:												
Beginning of year, total.....do....	31,408	14,060	16,223	1,125	16,975	10,210	6,450	315	42,856	30,667	10,321	1,868
Finished products.....do....	11,825	5,671	5,822	332	6,252	3,835	2,344	73	18,417	13,273	4,580	564
Work-in-process.....do....	8,937	3,681	4,790	466	2,286	1,407	779	100	8,742	6,499	1,525	718
Materials, supplies, fuel, etc.....do....	10,646	4,708	5,611	327	8,437	4,968	3,327	142	15,697	10,895	4,216	586
End of year, total.....do....	33,040	14,173	17,594	1,273	13,857	8,000	5,566	291	43,373	29,814	11,752	1,807
Finished products.....do....	12,418	5,638	6,500	280	5,051	2,874	2,124	53	18,231	12,495	5,163	573
Work-in-process.....do....	9,096	3,416	5,121	559	2,000	1,187	709	104	8,503	5,447	2,380	676
Materials, supplies, fuel, etc.....do....	11,526	5,119	5,973	434	6,806	3,939	2,735	134	16,639	11,872	4,209	558
Expenditures for plant and equipment, total.....do....	1,978	858	413	707	834	506	140	188	2,633	1,395	317	921
New, total.....do....	1,847	825	392	630	783	485	133	165	2,384	1,367	280	737
New structures and additions to plant.....do....	367	143	137	87	99	78	2	19	374	266	56	52
New machinery and equipment.....do....	1,480	682	255	543	684	407	131	146	2,010	1,101	224	685
Used plant and equipment.....do....	131	33	21	77	51	21	7	23	249	28	37	184

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. Revised.

NA Not available.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total value of production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products made by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2341	Women's and children's underwear:											
	Number of establishments.....	1,231	172	134	205	329	198	134	48	10	1	...
	All employees:											
	Number.....	73,527	402	922	2,855	10,507	14,050	20,434	17,280	<u>7,077</u>	(D)	...
	Payroll.....\$1,000..	199,652	1,582	3,359	8,957	30,020	36,781	53,113	45,524	<u>20,316</u>	(D)	...
	Value added, adjusted..do....	347,705	8,061	9,401	18,629	54,740	56,917	81,185	88,168	<u>30,604</u>	(D)	...
	Value of production...do....	814,721	24,730	33,559	56,794	162,467	127,788	167,854	174,501	<u>67,028</u>	(D)	...
	Capital expend., new...do....	5,404	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	920	706	1,186	981	<u>712</u>	(D)	...
2341-02	Manufacturers:											
	Number of establishments...	682	106	67	109	158	131	70	32	8	1	...
	All employees:											
	Number.....	45,308	247	458	1,512	5,097	9,457	10,963	<u>17,574</u>	(D)	(D)	...
	Payroll.....\$1,000..	126,909	786	1,388	4,202	14,166	25,998	30,970	<u>49,399</u>	(D)	(D)	...
	Value added, adjusted..do....	231,373	5,266	3,709	8,876	23,676	42,399	52,259	<u>95,188</u>	(D)	(D)	...
	Value of production...do....	523,480	7,950	7,415	22,364	56,817	101,040	121,938	<u>205,956</u>	(D)	(D)	...
	Capital expend., new...do....	3,586	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	512	821	<u>1,159</u>	(D)	(D)	...
2341-03	Jobbers:											
	Number of establishments...	147	48	31	29	29	5	3	2	...	...	...
	All employees:											
	Number.....	3,032	115	218	398	831	320	<u>1,150</u>	(D)	...	...	...
	Payroll.....\$1,000..	14,623	706	1,403	2,473	5,285	1,045	<u>3,711</u>	(D)	...	...	...
	Value added, adjusted..do....	41,425	2,679	4,824	6,686	16,628	2,324	<u>8,284</u>	(D)	...	...	...
	Value of production...do....	209,323	16,463	25,114	30,907	89,679	13,479	<u>33,681</u>	(D)	...	...	...
	Capital expend., new...do....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	(D)	...	...	...
2341-04	Contractors:											
	Number of establishments...	402	18	36	67	142	62	61	14	2	...	...
	All employees:											
	Number.....	25,187	40	246	945	4,579	4,273	<u>15,104</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	58,120	90	568	2,282	10,569	9,738	<u>34,873</u>	(D)	(D)	...	...
	Value added, adjusted..do....	74,907	116	868	3,067	14,436	12,194	<u>44,226</u>	(D)	(D)	...	...
	Value of production...do....	81,918	317	1,030	3,523	15,971	13,269	<u>47,808</u>	(D)	(D)	...	...
	Capital expend., new...do....	1,529	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<u>830</u>	(D)	(D)	...	...
2342	Corsets and allied garments:											
	Number of establishments.....	414	55	36	44	85	78	83	23	8	2	...
	All employees:											
	Number.....	37,808	115	241	651	2,714	5,878	12,661	7,402	<u>8,146</u>	(D)	...
	Payroll.....\$1,000..	121,939	317	801	2,115	8,759	17,353	40,269	20,052	<u>32,273</u>	(D)	...
	Value added, adjusted..do....	248,543	899	1,254	3,813	14,830	27,482	68,584	43,383	<u>88,298</u>	(D)	...
	Value of production...do....	467,485	2,195	3,992	10,000	38,120	50,396	131,916	67,759	<u>163,107</u>	(D)	...
	Capital expend., new...do....	2,739	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	967	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...
2342-02	Manufacturers:											
	Number of establishments...	290	45	27	31	67	50	51	12	6	1	...
	All employees:											
	Number.....	23,878	98	185	471	2,122	3,665	7,785	<u>9,552</u>	(D)	(D)	...
	Payroll.....\$1,000..	81,517	256	601	1,435	6,661	11,816	26,496	<u>34,252</u>	(D)	(D)	...
	Value added, adjusted..do....	180,040	469	844	2,465	10,786	20,618	46,589	<u>98,269</u>	(D)	(D)	...
	Value of production...do....	326,993	1,069	2,358	4,565	21,841	39,954	85,711	<u>171,954</u>	(D)	(D)	...
	Capital expend., new...do....	1,850	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	610	<u>537</u>	(D)	(D)	...
2342-03	Jobbers:											
	Number of establishments...	27	7	2	3	4	2	6	1	1	1	...
	All employees:											
	Number.....	3,275	23	(D)	37	<u>300</u>	(D)	<u>2,915</u>	(D)	(D)	(D)	...
	Payroll.....\$1,000..	14,679	<u>112</u>	(D)	277	<u>1,819</u>	(D)	<u>12,471</u>	(D)	(D)	(D)	...
	Value added, adjusted..do....	36,648	<u>604</u>	(D)	724	<u>3,568</u>	(D)	<u>31,752</u>	(D)	(D)	(D)	...
	Value of production...do....	107,454	<u>2,305</u>	(D)	4,781	<u>19,227</u>	(D)	<u>81,141</u>	(D)	(D)	(D)	...
	Capital expend., new...do....	( <sup>1</sup> )	...	...	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	(D)	(D)	(D)	...
2342-04	Contractors:											
	Number of establishments...	97	3	7	10	14	26	26	10	1	...	...
	All employees:											
	Number.....	10,655	50	(D)	143	<u>2,505</u>	(D)	<u>7,957</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	25,743	<u>149</u>	(D)	403	<u>5,816</u>	(D)	<u>19,375</u>	(D)	(D)	...	...
	Value added, adjusted..do....	31,855	<u>236</u>	(D)	624	<u>7,340</u>	(D)	<u>23,655</u>	(D)	(D)	...	...
	Value of production...do....	33,038	<u>455</u>	(D)	654	<u>7,494</u>	(D)	<u>24,435</u>	(D)	(D)	...	...
	Capital expend., new...do....	611	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	(D)	(D)	...	...
2351	Millinery:											
	Number of establishments.....	803	192	150	177	201	60	18	3	2	...	...
	All employees:											
	Number.....	17,838	420	1,031	2,481	6,081	3,705	2,220	<u>1,900</u>	(D)	...	...
	Payroll.....\$1,000..	64,095	1,473	3,744	9,026	22,824	13,379	7,687	<u>5,962</u>	(D)	...	...
	Value added, adjusted..do....	109,133	3,419	7,688	16,277	39,537	22,979	10,855	<u>8,378</u>	(D)	...	...
	Value of production...do....	190,263	6,424	13,424	29,426	69,039	38,826	20,194	<u>12,551</u>	(D)	...	...
	Capital expend., new...do....	1,371	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...

See footnotes at end of table.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2352	Hats and caps:											
	Number of establishments.....	446	104	78	95	87	44	29	5	2	2	...
	All employees:											
	Number.....	17,701	219	521	1,282	2,928	3,189	4,182	1,840	3,540	(D)	...
	Payroll.....\$1,000..	59,334	619	1,688	4,266	9,381	9,283	12,799	6,847	14,451	(D)	...
	Value added, adjusted..do....	91,298	1,590	3,208	7,097	14,369	14,578	20,406	11,166	18,884	(D)	...
	Value of production...do....	170,692	3,479	7,186	13,577	27,716	28,548	39,139	21,819	29,228	(D)	...
	Capital expend., new...do....	1,075	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...
2361	Children's dresses:											
	Number of establishments.....	802	91	87	127	278	119	74	14	2	...	...
	All employees:											
	Number.....	36,123	224	617	1,948	8,868	8,176	10,413	5,877	(D)	...	...
	Payroll.....\$1,000..	100,818	610	2,189	6,016	23,814	22,091	29,418	16,680	(D)	...	...
	Value added, adjusted..do....	167,094	2,269	5,788	12,453	38,313	36,146	45,714	26,411	(D)	...	...
	Value of production...do....	355,372	7,800	16,164	33,950	81,562	67,517	92,255	56,124	(D)	...	...
	Capital expend., new...do....	1,847	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2361-02	Manufacturers:											
	Number of establishments...	278	54	41	50	69	34	24	5	1	...	...
	All employees:											
	Number.....	11,376	126	281	701	2,176	2,411	3,308	2,373	(D)	...	...
	Payroll.....\$1,000..	32,694	242	717	1,859	5,862	7,258	10,382	6,374	(D)	...	...
	Value added, adjusted..do....	58,812	765	2,837	3,972	10,376	12,143	18,155	10,564	(D)	...	...
	Value of production..do....	116,923	1,368	4,489	7,330	20,380	24,870	36,063	22,423	(D)	...	...
	Capital expend., new..do....	825	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2361-03	Jobbers:											
	Number of establishments...	124	25	22	26	28	12	8	2	1	...	...
	All employees:											
	Number.....	4,754	65	165	354	886	858	1,156	1,270	(D)	...	...
	Payroll.....\$1,000..	20,030	273	979	1,875	4,520	2,859	4,616	4,908	(D)	...	...
	Value added, adjusted..do....	48,858	1,371	2,148	5,335	10,754	9,117	10,552	9,581	(D)	...	...
	Value of production..do....	175,211	6,232	10,805	22,973	42,982	27,190	37,791	27,238	(D)	...	...
	Capital expend., new..do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...
2361-04	Contractors:											
	Number of establishments...	400	12	24	61	181	73	42	7	...	...	...
	All employees:											
	Number.....	19,993	33	171	893	5,806	4,907	5,949	2,234	...	...	...
	Payroll.....\$1,000..	48,094	95	493	2,282	13,432	11,974	14,420	5,398	...	...	...
	Value added, adjusted..do....	59,424	133	803	3,146	17,183	14,886	17,007	6,266	...	...	...
	Value of production..do....	63,238	200	870	3,647	18,200	15,457	18,401	6,463	...	...	...
	Capital expend., new..do....	630	(1)	(1)	(1)	(1)	(1)	(1)	(1)	...	...	...
2363	Children's coats:											
	Number of establishments.....	370	44	35	81	131	57	20	2	...	...	...
	All employees:											
	Number.....	12,798	105	251	1,198	3,923	4,057	3,264	(D)	...	...	...
	Payroll.....\$1,000..	42,435	447	961	4,249	13,505	12,681	10,592	(D)	...	...	...
	Value added, adjusted..do....	68,205	1,164	2,406	7,950	21,935	18,815	15,935	(D)	...	...	...
	Value of production...do....	163,821	4,549	8,525	23,631	58,447	40,017	28,652	(D)	...	...	...
	Capital expend., new...do....	783	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2363-02	Manufacturers:											
	Number of establishments...	136	19	10	24	45	26	11	1	...	...	...
	All employees:											
	Number.....	5,339	41	71	343	1,311	1,853	1,720	(D)	...	...	...
	Payroll.....\$1,000..	18,457	132	253	1,036	4,852	6,112	6,072	(D)	...	...	...
	Value added, adjusted..do....	30,849	410	733	2,005	8,014	9,575	10,112	(D)	...	...	...
	Value of production..do....	70,665	1,195	1,484	5,444	19,943	22,185	20,414	(D)	...	...	...
	Capital expend., new..do....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(D)	...	...	...
2363-03	Jobbers:											
	Number of establishments...	66	15	12	19	16	3	1	...	...	...	...
	All employees:											
	Number.....	1,164	36	81	257	434	356	(D)	...	...	...	...
	Payroll.....\$1,000..	7,207	200	473	1,538	2,972	2,024	(D)	...	...	...	...
	Value added, adjusted..do....	15,936	621	1,325	3,731	6,801	3,458	(D)	...	...	...	...
	Value of production..do....	70,617	3,162	6,673	15,827	30,900	14,055	(D)	...	...	...	...
	Capital expend., new..do....	(1)	(1)	(1)	(1)	(1)	(D)	(D)	...	...	...	...

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2363	Children's coats—Con.											
2363-04	Contractors:											
	Number of establishments...	168	10	13	38	70	28	8	1	...	...	...
	All employees:											
	Number.....	6,295	28	99	598	2,178	3,392	(D)	(D)	...	...	...
	Payroll.....\$1,000..	16,771	115	235	1,675	5,681	9,065	(D)	(D)	...	...	...
	Value added, adjusted, do....	21,420	133	348	2,214	7,120	11,605	(D)	(D)	...	...	...
	Value of production..do....	22,539	192	368	2,360	7,604	12,015	(D)	(D)	...	...	...
	Capital expend., new.do....	( <sup>1</sup> )	...	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...	...
2369	Children's outerwear, nec:											
	Number of establishments....	756	161	99	119	200	105	59	10	2	1	...
	All employees:											
	Number.....	31,888	342	687	1,640	6,334	7,140	9,286	3,071	3,388	(D)	...
	Payroll.....\$1,000..	87,931	1,075	2,469	4,563	17,810	20,514	24,246	7,668	9,586	(D)	...
	Value added, adjusted, do....	146,050	3,059	4,727	9,173	31,102	29,440	38,704	11,105	18,740	(D)	...
	Value of production..do....	324,052	11,568	15,200	23,501	76,080	68,840	66,999	24,884	36,980	(D)	...
	Capital expend., new.do....	2,834	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	630	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...
2369-02	Manufacturers:											
	Number of establishments...	421	111	60	63	85	56	35	8	2	1	...
	All employees:											
	Number.....	19,077	232	434	870	2,659	3,788	7,706	(D)	3,388	(D)	...
	Payroll.....\$1,000..	52,103	642	1,209	2,206	7,640	10,634	20,186	(D)	9,586	(D)	...
	Value added, adjusted, do....	87,072	1,570	2,142	4,234	12,669	15,052	32,665	(D)	18,740	(D)	...
	Value of production..do....	186,808	5,098	5,485	10,027	30,216	33,738	65,264	(D)	36,980	(D)	...
	Capital expend., new.do....	1,367	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	(D)	...
2369-03	Jobbers:											
	Number of establishments...	104	32	23	17	21	9	1	1	...	...	...
	All employees:											
	Number.....	2,187	67	147	227	660	1,086	(D)	(D)	...	...	...
	Payroll.....\$1,000..	9,735	304	990	1,111	3,122	4,208	(D)	(D)	...	...	...
	Value added, adjusted, do....	25,206	1,162	2,248	3,161	8,741	9,894	(D)	(D)	...	...	...
	Value of production..do....	100,748	6,106	9,198	11,439	35,213	38,792	(D)	(D)	...	...	...
	Capital expend., new.do....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...	...
2369-04	Contractors:											
	Number of establishments...	231	18	16	39	94	40	23	1	...	...	...
	All employees:											
	Number.....	10,624	43	106	543	3,015	6,917	(D)	(D)	...	...	...
	Payroll.....\$1,000..	26,093	129	270	1,246	7,048	17,400	(D)	(D)	...	...	...
	Value added, adjusted, do....	33,772	327	337	1,778	9,692	21,638	(D)	(D)	...	...	...
	Value of production..do....	36,496	364	517	2,035	10,651	22,929	(D)	(D)	...	...	...
	Capital expend., new.do....	737	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Production  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the production values of products representing the largest amount considered as primary to an industry. Frequently the establishment production comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of production					Value of primary product production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2341	Women's and children's underwear.....	1958.. 814,721 1954.. 778,061	690,112 676,700	28,660 37,134	95,949 64,227	96 95	<sup>3</sup> 829,155 800,508	690,112 676,700	<sup>3</sup> 139,043 123,808	<sup>3</sup> 83 85
2342	Corsets and allied garments <sup>4</sup> ...	1958.. 467,485 1954.. 397,193	404,539 (NA)	18,199 (NA)	44,747 (NA)	96 96	412,254 342,835	404,539 (NA)	7,715 (NA)	98 (NA)
2351	Millinery.....	1958.. 190,263 1954.. 175,599	184,742 167,582	671 1,307	4,850 6,710	99 99	185,702 170,169	184,742 167,582	960 2,587	99 98
2352	Hats and caps <sup>5</sup> .....	1958.. 170,692 1954.. 172,407	152,904 (NA)	3,325 (NA)	14,463 14,178	98 (NA)	156,821 165,529	152,904 (NA)	3,917 (NA)	98 (NA)
2361	Children's dresses <sup>4</sup> .....	1958.. 355,372 1954.. 292,822	279,091 (NA)	12,069 (NA)	64,212 (NA)	96 (NA)	<sup>3</sup> 337,315 284,619	279,091 (NA)	<sup>3</sup> 58,224 (NA)	<sup>3</sup> 83 (NA)
2363	Children's coats.....	1958.. 163,821 1954.. 173,756	134,031 136,281	7,161 13,530	22,629 23,945	95 91	158,509 167,538	134,031 136,281	24,478 31,257	85 81
2369	Children's outerwear, nec <sup>4</sup> .....	1958.. 324,052 1954.. 286,439	223,609 (NA)	60,001 (NA)	40,442 (NA)	79 (NA)	<sup>3</sup> 352,852 279,459	223,609 (NA)	<sup>3</sup> 129,243 (NA)	<sup>3</sup> 63 (NA)

NA Not available.

<sup>1</sup>The specialization ratio compares the given industry's production of its primary products to its total value of production of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total value of production of products primary to the given industry are made by establishments classified in that industry.

<sup>3</sup>These figures include the production of women's and children's knit underwear and nightwear made in knitting mills (primary products of Industry 2254) as well as the production of these products cut and sewed from purchased knit cloth. See text for Industry 2341 for more detailed discussion.

<sup>4</sup>See footnote 11 of table 1.

<sup>5</sup>See footnote 15 of table 1.

<sup>6</sup>These figures include the production of children's knit outerwear made in knitting mills (primary products of Industry 2253) as well as the production of these products cut and sewed from purchased knit cloth. See text for Industries 2361 and 2369 for more detailed discussion.

Table 5B.—Industry-Product Analysis—Production by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of production of the primary products of the industry made by all manufacturing industries)

Prod. class code	Women's and children's underwear industry	Women's and children's underwear (SIC 2341)	Children's outerwear, nec (SIC 2369)	Knitting mills group (Group 225)	Other industries	All industries
	Total value of production and receipts of the industry.....	814,721	xxx	xxx	xxx	xxx
	Primary products.....	690,112	12,399	114,980	11,664	1829,155
23412	Women's and children's underwear.....	446,613	(D)	75,459	(D)	529,631
23413	Women's and children's nightwear.....	224,833	11,544	39,521	4,797	280,695
23410	Women's and children's underwear and nightwear, nsk.....	18,666	(D)	...	(D)	18,829
	Secondary products.....	28,660	xxx	xxx	xxx	xxx
23215	Men's and boys' nightwear.....	7,335	xxx	xxx	xxx	xxx
232220	Men's and boys' underwear.....	3,703	xxx	xxx	xxx	xxx
	Other secondary products.....	17,622	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	95,949	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	85,099	xxx	xxx	xxx	xxx
	Resales.....	9,851	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	999	xxx	xxx	xxx	xxx
Prod. class code	Corsets and allied garments industry	Corsets and allied garments (SIC 2342)		Other industries		All industries
	Total value of production and receipts of the industry.....	467,485		xxx		xxx
	Primary products.....	404,539		7,715		412,254
23421	Brassieres.....	215,286		4,700		219,986
23422	Corsets, brassieres, combinations, and accessories.....	179,742		3,015		182,757
23420	Corsets and allied garments, nsk.....	9,511		...		9,511
	Secondary products.....	18,199		xxx		xxx
23890	Apparel, nec.....	6,532		xxx		xxx
	Other secondary products.....	11,667		xxx		xxx
	Miscellaneous receipts.....	44,747		xxx		xxx
	Resales.....	8,685		xxx		xxx
	Contract and commission receipts.....	34,751		xxx		xxx
	Other miscellaneous receipts.....	1,311		xxx		xxx
Prod. class code	Millinery industry	Millinery (SIC 2351)		Other industries		All industries
	Total value of production and receipts of the industry.....	190,263		xxx		xxx
23510	Millinery.....	184,742		960		185,702
	Secondary products.....	671		xxx		xxx
	Miscellaneous receipts.....	4,850		xxx		xxx
	Contract and commission receipts.....	2,858		xxx		xxx
	Resales.....	1,992		xxx		xxx
Prod. class code	Hats and caps industry	Hats and caps (SIC 2352)		Other industries		All industries
	Total value of production and receipts of the industry.....	170,692		xxx		xxx
	Primary products.....	152,904		3,917		156,821
23521	Hats and hat bodies, except millinery.....	92,118		303		92,421
23522	Cloth hats and caps.....	60,786		3,614		64,400
	Secondary products.....	3,325		xxx		xxx
	Miscellaneous receipts.....	14,463		xxx		xxx
	Contract and commission receipts.....	5,678		xxx		xxx
	Other miscellaneous receipts, including resales.....	8,785		xxx		xxx

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Production by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Children's dresses industry	Children's dresses (SIC 2361)	Women's blouses (SIC 2331)	Women's dresses (SIC 2335)	Children's outerwear, nec (SIC 2369)	Knitting mills (Group 225)	Other industries	All industries	
	Total value of production and receipts of the industry	355,372	xxx	xxx	xxx	xxx	xxx	xxx	
	Primary products.....	279,091	4,568	6,396	12,390	28,872	5,998	<sup>2</sup> 337,315	
23610	Girls' and children's dresses, blouses, waists, and shirts, except knit sport shirts.....	264,192	(D)	6,396	(D)	...	4,058	289,417	
23612	Girls' and children's knit sport shirts.....	14,899	(D)	...	(D)	28,872	1,940	<sup>2</sup> 47,898	
	Secondary products.....	12,069	xxx	xxx	xxx	xxx	xxx	xxx	
23690	Children's outerwear, nec.....	6,980	xxx	xxx	xxx	xxx	xxx	xxx	
	Other secondary products.....	5,089	xxx	xxx	xxx	xxx	xxx	xxx	
	Miscellaneous receipts.....	64,212	xxx	xxx	xxx	xxx	xxx	xxx	
	Contract and commission work.....	63,246	xxx	xxx	xxx	xxx	xxx	xxx	
	Other miscellaneous receipts, including resales.....	966	xxx	xxx	xxx	xxx	xxx	xxx	
Prod. class code	Children's coats industry	Children's coats (SIC 2363)	Women's suits, coats, and skirts (SIC 2337)		Children's outerwear nec (SIC 2369)	Other industries		All industries	
	Total value of production and receipts of the industry	163,821	xxx		xxx	xxx		xxx	
23630	Girls' and children's coats and suits.....	134,031	5,906		11,509	7,063		158,509	
	Secondary products.....	7,161	xxx		xxx	xxx		xxx	
23690	Children's outerwear, nec.....	2,554	xxx		xxx	xxx		xxx	
	Other secondary products.....	4,607	xxx		xxx	xxx		xxx	
	Miscellaneous receipts.....	22,629	xxx		xxx	xxx		xxx	
	Contract and commission receipts.....	22,528	xxx		xxx	xxx		xxx	
	Other miscellaneous receipts, including resales.....	101	xxx		xxx	xxx		xxx	
Prod. class code	Children's outerwear, nec, industry	Children's outerwear, nec (SIC 2369)	Work clothing (SIC 2328)	Women's outerwear, nec (SIC 2339)	Children's dresses (SIC 2361)	Children's coats (SIC 2363)	Knitting mills (Group 225)	Other industries	All industries
	Total value of production and receipts of the industry.....	324,052	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23690	Girls' and children's outerwear, nec.....	223,609	13,926	14,344	6,980	2,554	69,716	21,723	352,852
	Secondary products.....	60,001	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23271	Men's and boys' separate trousers.....	2,800	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2329-	Men's and boys' outerwear, nec.....	2,905	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23393	Women's, misses', and juniors' outerwear, nec.	5,075	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23413	Women's and children's nightwear.....	11,544	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2361-	Girls' and children's dresses and blouses...	12,390	xxx	xxx	xxx	xxx	xxx	xxx	xxx
23630	Girls' and children's coats and suits.....	11,509	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	13,778	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	40,442	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Contract and commission receipts.....	36,865	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	3,538	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	39	xxx	xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>These figures include the production of women's and children's knit underwear and nightwear made in knitting mills (primary products of Industry 2254) as well as the production of these products cut and sewed from purchased knit fabrics. See text for Industry 2341 for more detailed discussion.

<sup>2</sup>These figures include the production of children's and infants' knit outerwear made in knitting mills (primary products of Industry 2253) as well as the production of these products cut and sewed from purchased knit fabrics. See text for Industries 2361 and 2369 for more detailed discussion.

Table 6A.—Quantity and Value of Products Made by All Manufacturing Establishments, for the United States: 1958 and 1954

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2341---	Women's and children's underwear and nightwear, total <sup>2</sup> .....	xxx	829,155	xxx	800,508
23412-- 22542--	} Women's, misses', children's, and infants' underwear.....	xxx	529,631	xxx	534,792
2341201 2254212	} Underwear made from knit fabrics.....	xxx	362,198	xxx	325,463
2341201	Made in cut-and-sew shops.....	xxx	286,739	xxx	(NA)
2254212	Made in knitting mills.....	xxx	75,459	xxx	(NA)
	Women's, misses', and juniors' knit underwear, by type:				
	Slips.....	3,951	(NA)	(NA)	(NA)
2341221	Nylon knit.....	3,154	(NA)	(NA)	(NA)
2341222	Rayon and acetate.....	695	(NA)	3,418	96,970
2341224	Other knit fabrics.....	102	(NA)	(NA)	(NA)
	Petticoats and half-slips.....	2,617	(NA)	2,009	48,178
2341225	Nylon knit.....	2,115	(NA)	2,009	48,178
2341226	All other knit fabrics.....	502	(NA)		
	Panties and bloomers.....	28,638	(NA)	25,035	113,386
2341231	Cotton and/or wool circular knit fabrics.....	3,257	(NA)	1,855	9,846
2341232	Circular knit silk, and man-made fibers.....	3,666	(NA)	8,291	29,906
2341233	Nylon warp knit fabrics.....	5,100	(NA)	3,800	30,193
2341234	Rayon and acetate warp knit fabrics.....	16,615	(NA)	11,089	43,441
	Vests, undershirts and step-ins.....	934	(NA)	1,453	7,999
2341235	Cotton and/or wool knit fabrics.....	596	(NA)	634	2,735
2341237	Rayon and acetate knit fabrics.....	289	(NA)	819	5,264
2341238	Other knit fabrics.....	49	(NA)		
2341239	Women's and children's union suits.....	154	(NA)	198	2,276
	Girls' and children's underwear (sizes 2-16) knit underwear, by type:				
	Panties and bloomers.....	10,268	(NA)	<sup>3</sup> 10,031	<sup>3</sup> 29,405
2341241	Cotton and/or wool knit fabrics.....	5,622	(NA)	4,650	11,852
2341242	Other knit fabrics.....	4,646	(NA)	<sup>3</sup> 5,381	<sup>3</sup> 17,553
	Vests and undershirts.....	1,216	(NA)	<sup>4</sup> 1,204	<sup>4</sup> 3,478
2341243	Cotton and/or wool knit fabrics.....	1,196	(NA)	1,165	3,318
2341244	Other knit fabrics.....	20	(NA)	<sup>4</sup> 39	<sup>4</sup> 160
	Slips, half-slips and petticoats.....	221	(NA)	(NA)	(NA)
2341245	Cotton knit fabrics.....	21	(NA)	(NA)	(NA)
2341247	Other knit fabrics.....	200	(NA)	(NA)	(NA)
	Infants knit underwear, by type:				
	Panties.....	2,895	(NA)	<sup>3</sup> 2,308	<sup>3</sup> 5,798
2341282	Cotton and/or wool knit fabrics.....	2,501	(NA)	2,308	5,798
2341283	Other knit fabrics.....	394	(NA)	( <sup>3</sup> )	( <sup>3</sup> )
	Vests, undershirts, and bands.....	2,917	(NA)	<sup>4</sup> 3,139	<sup>4</sup> 9,777
2341284	Cotton and/or wool knit fabrics.....	2,891	(NA)	3,139	9,777
2341285	All other knit fabrics.....	26	(NA)	( <sup>4</sup> )	( <sup>4</sup> )
2341298	All other women's and children's knit underwear.....	xxx	(NA)	xxx	<sup>4</sup> 8,196
2341205	Underwear made from woven fabrics.....	xxx	167,433	xxx	194,419
	Women's, misses', and juniors' underwear made from woven fabric:				
	Slips.....	4,755	(NA)	6,119	110,904
2341251	Cotton.....	2,589	(NA)	2,823	43,763
2341252	Rayon and acetate.....	844	(NA)	1,829	35,065
2341253	Nylon.....	1,170	(NA)	642	16,105
2341254	Other woven fabrics.....	152	(NA)	63	542
	Fabric not specified.....	...	...	762	15,429
	Petticoats and half-slips.....	2,111	(NA)	2,200	47,101
2341255	Cotton.....	730	(NA)	809	13,461
2341256	Rayon and acetate.....	314	(NA)	372	6,175
2341257	Nylon.....	1,002	(NA)	763	22,232
2341258	Other woven fabrics.....	65	(NA)	7	323
	Fabric not specified.....	...	...	249	4,910
2341259	Panties, drawers, and bloomers.....	487	(NA)	341	3,101
	Girls' and children's (sizes 2-16):				
	Slips, half-slips, and petticoats.....	2,567	(NA)	1,982	28,850
2341213	Cotton.....	1,352	(NA)	1,186	14,434
2341214	Nylon.....	1,168	(NA)	600	11,186
2341215	Other woven fabrics.....	47	(NA)	161	2,514
	Fabric not specified.....	...	...	35	716
2341216	Panties, drawers, and bloomers.....	865	(NA)	838	3,153
2341293	Toddler's and infants' slips (sizes 0-3).....	358	(NA)	253	1,310
2341200	Women's and children's underwear, not specified by kind.....	xxx	...	xxx	14,910

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Made by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
	Women's and children's underwear and nightwear--Continued				
23413	Women's, misses', and children's nightwear.....	xxx	280,695	xxx	244,711
234131	Nightwear made from knit fabrics.....	xxx	107,852	xxx	89,189
2341314	Made in cut-and-sew shops.....	xxx	68,331	xxx	(NA)
2341312	Made in knitting mills.....	xxx	39,521	xxx	(NA)
	Women's, misses', and juniors' nightwear (except bedjackets).....	2,364	(NA)	1,993	61,827
	Warp knit.....	1,954	(NA)	1,482	52,053
2341344	Nylon.....	1,290	(NA)	744	37,519
2341345	Rayon and acetate.....	474	(NA)	635	12,218
2341346	All other warp knit fabrics.....	190	(NA)	103	2,316
	Circular knit.....	410	(NA)	511	9,774
2341347	Cotton and/or wool.....	235	(NA)	272	5,609
2341348	All other warp knit fabrics.....	175	(NA)	239	4,165
2341361	Girls' and teen-age girls' nightwear (sizes 8-16).....	183	(NA)	(NA)	( <sup>5</sup> )
2341372	Children's and infants' nightwear made from cotton and/or wool knit....	2,749	(NA)	2,104	25,070
2341381	Heavyweight sleeping garments made with feet.....	1,389	(NA)	1,094	14,735
2341382	Other knit nightwear, including gowns and kimonos.....	1,360	(NA)	1,010	10,335
2341383	Other knit nightwear.....	xxx	(NA)	xxx	<sup>5</sup> 2,292
2341319	Nightwear made from woven fabrics.....	xxx	172,843	xxx	<sup>6</sup> 150,768
2341351	Women's, misses', and juniors'.....	xxx	(NA)	xxx	124,877
	Nightgowns.....	2,815	(NA)	2,413	55,440
2341311	Cotton fabrics.....	2,220	(NA)	1,763	37,611
2341315	Other fabrics, including nylon.....	595	(NA)	538	15,893
2341317	Fabric not specified.....	...	...	112	1,936
	Sleeping pajamas.....	2,519	(NA)	2,080	51,780
2341321	Cotton fabrics.....	2,156	(NA)	1,540	36,558
2341329	Other fabrics, including nylon.....	363	(NA)	474	13,070
	Fabric not specified.....	...	...	66	2,152
2341331	Lounging pajamas.....	(NA)	(NA)	32	<sup>6</sup> 1,584
	Bedjackets and negligees.....	194	(NA)	(NA)	16,073
2341331	Cotton.....	76	(NA)	(NA)	(NA)
2341334	Nylon.....	65	(NA)	(NA)	(NA)
2341339	Other woven fabrics.....	53	(NA)	(NA)	(NA)
	Girls' and teen-age girls' (sizes 8-16).....	928	(NA)	610	10,672
2341351	Nightgowns.....	198	(NA)	114	1,884
2341352	Pajamas.....	730	(NA)	496	8,788
	Children's, toddlers', and infants' (sizes 0-8).....	1,792	(NA)	1,318	15,219
2341371	Nightgowns.....	704	(NA)	401	3,403
2341372	Pajamas.....	1,088	(NA)	917	11,816
2341300	Women's, misses', and children's nightwear, nsk.....	xxx	...	xxx	4,754
2341000	Women's, misses', and children's nightwear and underwear, nsk.....	xxx	18,829	xxx	21,005
2342---	Corsets and allied garments, total.....	xxx	412,254	xxx	342,835
23421--	Brassieres and bandeaux.....	xxx	219,986	13,187	189,861
2342113	Chiefly cotton fabrics.....	10,757	143,468	13,187	189,861
2342115	Chiefly nylon fabrics.....	2,330	49,583		
2342119	All other fabrics.....	1,192	25,492		
2342100	Brassieres and bandeaux, not specified by type of fabric.....	xxx	1,443		
23422--	Corsets, girdles, combinations and accessories.....	xxx	182,757	xxx	<sup>7</sup> 150,375
2342211	Corsets (back-laced and front-laced).....	395	12,842	150	8,394
2342231	Girdles (front clasp, side hooked and zippers).....	2,338	83,470	1,960	71,861
2342251	Roll-ons.....	2,052	63,572	1,518	42,632
2342261	Combinations and one-piece garments.....	236	12,569	255	17,096
2342271	Maternity corsets and combinations.....	10	426	725	71,060
2342281	Corset accessories (clasps, stays, etc.).....	xxx	7,672	xxx	7,769
2342200	Corsets, girdles, combinations and accessories, nsk.....	xxx	2,206	xxx	1,563
2342000	Corsets and allied garments, nsk.....	xxx	9,511	xxx	2,599

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Made by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2351----	Millinery (women's, children's, and infants' trimmed hats made from hat bodies or other millinery materials).....	xxx	185,702	xxx	170,169
	Felt body:				
2351011	Fur-felt.....	570	25,403	791	36,451
2351013	Wool-felt.....	959	16,927	826	16,577
	Straw body:				
2351031	Sewed braid.....	1,062	26,697	1,220	34,577
2351033	Other.....	671	18,268	551	14,096
2351098	Other millinery.....	2,249	44,313	*1,602	31,416
2351000	Millinery, nsk.....	xxx	54,094	xxx	37,052
2352----	Hats and caps, except millinery, total.....	xxx	156,821	xxx	165,529
23521--	Hats and hat bodies (except cloth and millinery).....	xxx	92,421	xxx	102,652
	Finished straw hats, excluding millinery:				
	Men's and boys':				
2352111	Sewed braid.....	271	6,830	xxx	6,437
	Quantity reported.....	271	6,830	244	5,572
	Quantity not reported.....	xxx	...	xxx	865
2352113	Woven body.....	297	7,366	377	10,378
2352115	Women's and children's.....	40	1,033	88	2,198
2352117	Harvest hats.....	826	3,101	680	3,943
2352122	Wool-felt hat bodies, made for sale as such.....	798	5,072	725	4,335
	Wool-felt finished hats, except millinery:				
2352141	Men's and boys'.....	352	5,451	317	4,410
2352145	Women's and children's.....	69	978	(NA)	1,276
	Fur-felt hat bodies, made for sale as such:				
2352171	Men's and boys'.....	461	9,006	441	7,920
2352175	Women's and children's.....	192	2,868	391	5,552
	Fur-felt finished hats, excluding millinery:				
2352181	Men's and boys'.....	726	48,620	858	51,748
2352185	Women's and children's.....			18	401
2352100	Hats and hat bodies (except cloth and millinery) nsk.....	xxx	2,096	xxx	4,054
23522--	Cloth hats and caps.....	xxx	64,400	xxx	62,877
	Men's and boys' hats and caps:				
2352212	Cloth hats, except uniform.....	xxx	8,565	xxx	8,866
	Quantity reported.....	823	7,537	1,054	7,868
	Quantity not reported.....	xxx	1,028	xxx	998
2352215	Caps, except uniform.....	3,874	29,466	xxx	26,088
	Quantity reported.....	3,874	29,466	3,170	22,712
	Quantity not reported.....	xxx	...	xxx	3,376
2352217	Uniform hats and caps.....	xxx	9,056	xxx	7,596
	Quantity reported.....	538	7,922	601	5,652
	Quantity not reported.....	xxx	1,134	xxx	1,944
2352221	Women's uniform hats and caps.....	69	414	(NA)	717
2352241	Headwear made from purchased knit fabric.....	553	5,670	807	7,303
2352200	Cloth hats and caps, nsk.....	xxx	11,229	xxx	12,307
2361----	Girls', children's and infants' dresses, blouses, waists and shirts, total <sup>2</sup> ...	xxx	337,315	xxx	284,619
23610--	Dresses, blouses, waists, and shirts, except knit.....	xxx	289,417	xxx	251,238
2361012	Dresses.....	xxx	238,789	7,810	197,185
	Teen-age girls' (sizes 10-16).....	177	(NA)	<sup>a</sup> 507	<sup>a</sup> 13,419
2361011	Cotton.....	127	(NA)	<sup>a</sup> 195	<sup>a</sup> 7,684
2361019	Other fabrics.....	50	(NA)	<sup>a</sup> 74	<sup>a</sup> 2,567
	Fabrics, nsk.....	...	...	<sup>a</sup> 238	<sup>a</sup> 3,168
	Sub-teen girls' dresses (sizes 8-14).....	125	(NA)	( <sup>a</sup> )	( <sup>a</sup> )
2361021	Cotton.....	81	(NA)	( <sup>a</sup> )	( <sup>a</sup> )
2361029	Other fabrics.....	44	(NA)	( <sup>a</sup> )	( <sup>a</sup> )
	Fabrics, nsk.....	...	...	( <sup>a</sup> )	( <sup>a</sup> )
	Girls' dresses (7-14).....	<sup>r</sup> 2,839	(NA)	<sup>r</sup> 2,240	<sup>r</sup> 67,897
2361031	Cotton.....	<sup>r</sup> 2,413	(NA)	<sup>r</sup> 1,491	<sup>r</sup> 46,236
2361039	Other fabrics.....	<sup>r</sup> 426	(NA)	<sup>r</sup> 421	<sup>r</sup> 13,897
	Fabrics, nsk.....	...	...	<sup>r</sup> 328	<sup>r</sup> 7,764

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Made by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2361---	Girls', children's and infants' dresses, blouses, waists and shirts--Continued				
23610--	Dresses, blouses, waists, and shirts, except knit--Continued				
2361012	Dresses--Continued				
	Children's dresses (sizes 3-6x).....	3,585	(NA)	3,186	81,544
2361041	Cotton.....	3,268	(NA)	2,392	59,913
2361049	Other fabrics.....	317	(NA)	458	12,665
	Fabrics, nsk.....	...	...	336	8,966
	Toddlers' dresses (sizes 1-3).....	1,207	(NA)	1,033	22,357
2361061	Cotton fabrics.....	1,019	(NA)	732	15,731
2361069	Other fabrics.....	188	(NA)	147	4,233
	Fabrics, nsk.....	...	...	154	2,393
	Infants' dresses (sizes 0-1).....	1,132	(NA)	844	11,968
2361071	Cotton fabrics.....	857	(NA)	473	6,821
2361079	Other fabrics.....	275	(NA)	243	3,882
	Fabrics, nsk.....	...	...	128	1,265
2361041	Blouses, blousesettes, waists, and shirts (excluding knit shirts).....	2,896	41,018	2,655	40,836
	Girls', sub-teen and teen-age girls'.....	1,671	(NA)	1,105	20,911
2361081	Cotton fabrics.....	1,318	(NA)	705	12,933
2361089	Other fabrics.....	353	(NA)	277	5,862
	Fabrics, nsk.....	...	...	123	2,116
2361091	Children's and infants'.....	1,225	(NA)	1,550	19,925
2361000	Dresses, blouses, waists, and shirts (except knit), nsk.....	xxx	9,610	xxx	13,217
23612--	Knit sport shirts.....	6,289	47,898	4,330	33,381
2361211	Made in cut-and-sew shops.....	(NA)	19,026	(NA)	(NA)
2253242	Made in knitting mills.....	(NA)	28,872	(NA)	(NA)
	Knit outerwear sport shirts (including polo, tennis, T, sweat):				
2361275	Girls', sub-teen and teen-age girls'.....	768	(NA)	394	4,235
2361285	Children's and infants'.....	5,521	(NA)	3,936	29,146
2363---	Girls', children's and infants' coats, snow suits, and coat and legging sets, total <sup>2</sup> .....	xxx	158,509	xxx	167,538
	Coats, total.....	662	(NA)	671	81,912
	Teen-age girls' coats (sizes 10-16), total.....	44	(NA)	82	13,357
2363021	Wool.....	40	(NA)	61	9,855
2363029	Other fabrics.....	4	(NA)	6	987
	Fabrics, nsk.....	...	...	15	2,515
	Sub-teen girls' coats (sizes 8-14).....	20	(NA)	(9)	(9)
2363051	Wool.....	13	(NA)	(9)	(9)
2363059	Other fabrics.....	7	(NA)	(9)	(9)
	Fabrics, nsk.....	...	...	(9)	(9)
2363061	Girls' coats (sizes 7-14), excluding coat and legging sets.....	302	(NA)	264	37,416
2363069	Wool.....	235	(NA)	184	27,683
	Other fabrics.....	67	(NA)	26	3,203
	Fabrics, nsk.....	...	...	54	6,530
2363071	Children's coats (sizes 2-6x for girls, 2-8 for boys).....	196	(NA)	212	22,747
2363079	Wool.....	130	(NA)	109	13,918
	Other fabrics.....	66	(NA)	74	5,754
	Fabrics, nsk.....	...	...	29	3,075
2363081	Toddlers' and infants' (sizes 0-4) excluding coat and legging sets.....	100	(NA)	113	8,392
2363089	Wool.....	44	(NA)	50	4,011
	Other fabrics.....	56	(NA)	47	3,275
	Fabrics, nsk.....	...	...	16	1,106
2363063	Coat and leggings, and coat and snow pants sets.....	239	(NA)	233	22,310
2363065	Girls' and children's (sizes 2-16) coat and legging sets, including coat-and-snow pants sets.....	149	(NA)	167	16,485
	Toddlers' and infants' (sizes 0-4) coat and legging sets.....	90	(NA)	66	5,825
	Ski and snow suits.....	341	(NA)	332	25,120
2363073	Girls' and children's (sizes 2-16).....	214	(NA)	163	14,716
2363074	Toddlers' and infants' (sizes 0-4).....	127	(NA)	111	8,640
	Ski and snow suits, nsk.....	...	...	58	1,764
	Suits (except ski and snow suits and slack suits).....	237	(NA)	248	13,406
2363091	Little boys' suits, including wash suits (sizes 6x and under).....	107	(NA)	113	4,201
2363096	Girls', sub-teen and teen-age girls' suits (sizes 7-16).....	76	(NA)	65	5,918
2363097	Girls' suits (sizes 6x and under).....	54	(NA)	70	3,287
2363095	Girls', sub-teen, teen-age girls', and children's jackets (excluding leather, but including plastic) sizes 2-16.....	633	(NA)	485	18,286
2363000	Girls', children's, and infants' coats, suits, snow suits, and coat-and-legging sets, nsk.....	xxx	...	xxx	6,504

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Made by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2369---	Girls', children's, and infants' outerwear, nec, total <sup>2</sup> .....	xxx	352,852	xxx	279,459
2369011, 13, 43, 49	Girls', children's, and infants' outerwear made from woven fabric.....	xxx	242,785	xxx	187,620
	Playsuits, sunsuits, wash suits, overalls, and coveralls, except slacks, dungarees, and jeans:				
	Girls', sub-teens, and teen-age play garments, (sizes 7-16).....	3,076	(NA)	1,126	14,536
	Children's play garments (size 2-8).....	3,420	(NA)	2,888	31,548
	Toddler's play garments, excluding wash suits (sizes 1-4).....	842	(NA)	761	9,900
	Toddler's wash suits (sizes 1-4).....	646	(NA)	342	6,044
	Infants' creepers and rompers, including crawler-type overalls and coveralls (sizes 0-2).....	1,587	(NA)	1,122	16,105
	Slacks:				
	Girls', sub-teen, and teen-age girls' slacks (sizes 7-16).....	314	(NA)	148	3,288
	Children's slacks, including dress shorts (sizes 2-6X).....	2,356	(NA)	919	15,440
	Cotton fabrics.....	2,225	(NA)	(NA)	(NA)
	Other fabrics.....	131	(NA)	(NA)	(NA)
	Dungarees and jeans:				
	Girls', sub-teens, and teen-age girls' (sizes 7-16).....	515	(NA)	(NA)	9,403
	Children's (sizes 2-8).....	1,660	(NA)	1,392	18,341
	Woven swimwear:				
	Girls' and teen-age girls' (sizes 7-16).....	233	(NA)	307	8,132
	Children's and infants' (sizes 1-8).....	339	(NA)	250	24,261
	Skirts:				
	Girls', sub-teen, and teen-age girls' skirts (sizes 7-16).....	980	(NA)	763	21,896
	Cotton fabrics.....	466	(NA)	(NA)	(NA)
	Wool fabrics.....	260	(NA)	(NA)	(NA)
	Other fabrics.....	254	(NA)	(NA)	(NA)
	Children's and toddler's skirts (sizes 1-6X).....	304	(NA)	262	6,061
	Cotton fabrics.....	151	(NA)	(NA)	(NA)
	Wool fabrics.....	82	(NA)	(NA)	(NA)
	Other fabrics.....	71	(NA)	(NA)	(NA)
	Other woven outerwear, including robes.....	(NA)	(NA)	(NA)	22,665
	Girls', children's, and infants' outerwear made from knit fabric.....	xxx	95,762	xxx	70,781
2253162 2369072 2253162 2369072	Sweaters, jackets, jerseys, pull-overs and sacques.....	3,065	58,652	2,016	43,341
	Made in knitting mills.....	(NA)	51,625	(NA)	(NA)
	Made in cut-and-sew shops.....	(NA)	7,027	(NA)	(NA)
	Girls', sub-teen, and teen-age girls (sizes 7-16).....	988	(NA)	644	17,850
	All acrylic.....	630	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	358	(NA)	(NA)	(NA)
	Children's, (sizes 2-8).....	1,158	(NA)	737	15,159
	All acrylic.....	633	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	525	(NA)	(NA)	(NA)
	Infants' (sizes 0-3).....	919	(NA)	635	10,332
	All acrylic.....	465	(NA)	(NA)	(NA)
	Other yarns, including mixtures and blends.....	454	(NA)	(NA)	(NA)
2253361 2369079	Other knit outerwear, nec.....	xxx	37,110	xxx	27,440
2253361 2369079	Made in knitting mills.....	xxx	18,091	xxx	(NA)
	Made in cut-and-sew shops.....	xxx	19,019	xxx	(NA)
	Children's and infants' knit fabric play garments, including pantie suits and overalls (sizes 0-8).....	713	(NA)	(NA)	11,833
	Infants' knit fabrics creepers and rompers (sizes 0-3).....	743	(NA)	667	8,905
	Children's and infants' knit headwear.....	(NA)	(NA)	521	4,651
	Girls', sub-teen, and teen-age girls' swimwear, knit fabrics (sizes 7-16)	(NA)	(NA)	50	1,088
	Children's and infants' swimwear, knit fabrics (sizes 1-8).....	(NA)	(NA)	86	963
2369000	Girls', children's and infants' outerwear, nec, nsk, .....	xxx	14,305	xxx	21,058

NA Not available.

<sup>1</sup>Represents the total quantity and value of apparel items made by or for the reporting companies from their own materials. See text for more detailed explanation.<sup>2</sup>For 1958, the detailed product data for Industries 2341, 2361, 2363, and 2369 were obtained from the Annual Apparel Survey MA23A while the summary value figures were collected in the Census of Manufactures. See text for more detailed discussion.<sup>3</sup>For 1954, infants' panties made from other knit fabrics are included with girls' and children's panties made from other knit fabrics.<sup>4</sup>For 1954, infants' vests made from circular knit fabrics other than cotton and/or wool were included with girls' and children's vests; infants' vests made from warp knit fabrics were included with all other knit underwear.<sup>5</sup>For 1954, girls' and teen-age girls' nightwear was included in other knit nightwear.<sup>6</sup>In 1954, lounging pajamas were classified in Industry 2384, Robes and Dressing Gowns.<sup>7</sup>Includes an undetermined amount of surgical corsets. For 1958, this product is included in Industry 3842, Surgical Appliances.<sup>8</sup>For 1954, sub-teen girls' dresses (sizes 8-14) were included with teen-age girls' dresses (sizes 10-16).<sup>9</sup>For 1954, sub-teen age coats (sizes 8-14) were included with teen-age girls' coats (sizes 10-16).



Table 6B.—Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of production is more than \$1 million and the figure does not disclose individual company information. Additional States which had production of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of production		Product class, region, and State	Value of production		Product class, region, and State	Value of production	
<u>Women's and children's underwear (23412):</u> United States, total:			<u>Women's and children's nightwear (23413)-- Continued</u>	1958 <sup>1</sup>	1954	<u>Hats and hat bodies, except cloth and millinery (23521)-- Continued</u>	1958 <sup>1</sup>	
1958.....	529,631		West South Central.....	6,806	3,055	Middle Atlantic.....	39,014	
1957.....	594,151		Texas.....	1,172	1,527	New York.....	11,465	
1956.....	575,592		Pacific.....	3,497	2,270	New Jersey.....	876	
1955.....	572,211			Value of production		Pennsylvania.....	26,673	
1954.....	554,792		<u>Brassieres (23421):</u>			North Central.....	8,601	
1950.....	376,864		United States, total:			Missouri.....	7,002	
1949.....	356,574		1958.....	219,986		South and West.....	16,137	
1947.....	398,907		1957.....	220,957		Texas.....	9,736	
			1956.....	216,075			Value of production	
New England.....	25,324	28,720	1955.....	202,051		<u>Cloth hats and caps (23522):</u>		
Massachusetts.....	10,540	14,575	1954.....	189,861		United States, total:		
Connecticut.....	2,725	5,078	1947.....	115,945		1958.....	64,400	
Middle Atlantic.....	338,244	355,807		1958 <sup>1</sup>		1954.....	62,877	
New York.....	228,609	258,187		Quantity (1,000 dozen)	Value (\$1,000)			
New Jersey.....	43,773	29,709	New England.....	911	21,039	21,356	1958 <sup>1</sup>	
Pennsylvania.....	65,862	67,911	Middle Atlantic.....	9,320	125,984	117,131		
East North Central.....	20,857	15,885	New York.....	5,947	79,127	74,321	New England.....	2,418
Illinois.....	16,958	10,575	New Jersey.....	2,970	41,533	39,955	Massachusetts.....	2,190
West North Central.....	6,537	14,030	Pennsylvania.....	403	5,324	2,855	Middle Atlantic.....	26,840
Missouri.....	3,142	8,468	North Central.....	780	15,245	19,075	New York.....	20,836
South Atlantic.....	67,255	50,954	South Atlantic.....	2,170	31,197	( <sup>2</sup> )	New Jersey.....	2,760
North Carolina.....	39,529	30,605	Florida.....	51	1,322	( <sup>2</sup> )	Pennsylvania.....	3,244
Georgia.....	19,823	9,360	South Central.....	227	7,187	( <sup>2</sup> )	East North Central.....	12,573
East South Central.....	39,875	39,761	Pacific.....	871	19,334	16,887	Ohio.....	1,802
West South Central.....	16,598	14,431	California.....	871	19,334	16,887	Illinois.....	9,163
West.....	14,941	12,012	<u>Corsets, girdles, com- binations, and accessories (23422):</u>	Value of production			Wisconsin.....	1,413
<u>Women's and children's nightwear (23413):</u> United States, total:	Value of production		United States, total:				West North Central.....	13,360
1958.....	280,695		1958.....	182,757			Missouri.....	11,740
1957.....	285,842		1954.....	150,375			South Atlantic.....	3,484
1956.....	285,373			1958 <sup>1</sup>			Maryland.....	1,075
1955.....	267,069						East South Central.....	2,723
1954.....	243,127						Kentucky.....	1,933
1947.....	219,936						West South Central.....	1,210
	1958 <sup>1</sup>	1954	New England.....	25,954			Texas.....	1,210
New England.....	20,345	21,661	Connecticut.....	24,871			West.....	1,792
Massachusetts.....	13,803	14,532	Middle Atlantic.....	88,985				Value of production
Connecticut.....	4,363	5,247	New York.....	65,938			<u>Girls' and children's dresses, blouses, and shirts, except knit sport shirts (23610):</u>	
Middle Atlantic.....	169,538	156,036	New Jersey.....	18,988			United States, total:	
New York.....	117,083	109,542	Pennsylvania.....	4,059			1958.....	289,417
New Jersey.....	16,173	14,696	North Central.....	37,015			1957.....	269,462
Pennsylvania.....	36,282	31,798	Illinois.....	26,800			1956.....	267,624
East North Central.....	18,573	11,871	South and West.....	30,803			1955.....	260,782
Illinois.....	11,064	5,137	<u>Hats and hat bodies, except cloth and millinery (23521):</u>	Value of production			1954.....	251,238
West North Central.....	5,363	8,004	United States, total:				1953.....	258,217
Minnesota.....	1,700	3,840	1958.....	92,421			1952.....	236,247
South Atlantic.....	36,571	20,876	1954.....	102,652			1951.....	220,738
North Carolina.....	14,038	8,821		1958 <sup>1</sup>			1950.....	205,616
East South Central.....	19,237	18,258	New England.....	28,669			1947.....	156,293
Tennessee.....	7,919	( <sup>2</sup> )	Massachusetts.....	2,632				1958 <sup>1</sup>
			Connecticut.....	26,037			New England.....	9,302
							Massachusetts.....	6,571

See footnotes at end of table.

Table 6B.—Value of Product Classes Made by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of production	Product class, region, and State	Value of production	Product class, region, and State	Value of production
Girls' and children's dresses, blouses, and shirts, except knit sport shirts (23610)--Continued	1958 <sup>1</sup>	Girls' and children's dresses, blouses, and shirts, except knit sport shirts (23610)--Continued	1958 <sup>1</sup>	Girls' and children's coats, suits, and snow suits (23630)--Continued	1958 <sup>1</sup>
Middle Atlantic.....	240,786	West South Central.....	7,443	Middle Atlantic.....	134,892
New York.....	155,921	Texas.....	6,962	New York.....	99,336
New Jersey.....	35,743	Pacific.....	10,949	New Jersey.....	19,649
Pennsylvania.....	49,122	California.....	10,541	Pennsylvania.....	15,867
East North Central.....	2,271	Girls' and children's coats, suits, snow suits (23630):	Value of production	East North Central.....	2,455
West North Central.....	2,107	United States, total:		West North Central.....	4,294
Missouri.....	1,219	1958.....	158,509	Minnesota.....	1,564
South Atlantic.....	12,963	1954.....	167,538	Missouri.....	2,730
Maryland.....	1,146		1958 <sup>1</sup>	South Atlantic.....	6,512
East South Central.....	3,401	New England.....	5,501	South Central.....	2,840
		Massachusetts.....	4,161	Pacific.....	2,055

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of production of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in production between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes production of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23412, Vermont, Rhode Island, Indiana, Michigan, Iowa, Virginia, South Carolina, Tennessee, Alabama, Mississippi, Louisiana, Oklahoma, Texas, Utah, and California; 23413, Vermont, Michigan, Missouri, Maryland, Virginia, South Carolina, Georgia, Alabama, Oklahoma, and California; 23421, Massachusetts, Connecticut, Illinois, Michigan, North Carolina, Georgia, Kentucky, and Alabama; 23422, Indiana, Michigan, Wisconsin, Delaware, North Carolina, Tennessee, and California; 23521, Maryland, Tennessee, and California; 23522, Minnesota, Virginia, and California; 23610, Maine, Ohio, North Carolina, South Carolina, Tennessee, Alabama, and Mississippi; 23630, Illinois, Michigan, Maryland, North Carolina, Alabama, Texas, and California.

<sup>2</sup>Production of over \$1 million was reported but exact figures are withheld to avoid disclosure of individual company figures.

Table 7.—Materials Consumed, by Kind: 1958

Code	Material	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)
		INDUSTRY 2341—WOMEN'S AND CHILDREN'S UNDERWEAR		INDUSTRY 2342—CORSETS AND ALLIED GARMENTS	
	Materials, containers, and supplies, total.....	xxx	382,608	xxx	157,225
223113}	Broad woven fabrics.....	440,623	158,330	93,964	76,385
223114}	All other materials, containers, supplies, components, etc.....	xxx	190,377	xxx	67,662
970099}	Materials, containers, supplies, nsk <sup>1</sup> .....	xxx	33,901	xxx	13,178
		Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)
		INDUSTRY 2361—CHILDREN'S DRESSES		INDUSTRY 2363—CHILDREN'S COATS	
	Materials, containers, and supplies, total.....	xxx	128,205	xxx	66,354
223113	Suiting and coating fabrics.....	2,556	2,264	24,933	37,552
223114	All other broad woven fabrics.....	182,050	86,963	17,615	11,705
970099	All other materials, containers, supplies, components, etc.....	xxx	23,241	xxx	8,928
973000	Materials, containers, supplies, nsk <sup>1</sup> .....	xxx	15,737	xxx	8,169
		INDUSTRY 2369—CHILDREN'S OUTERWEAR, NEC			
	Materials, containers, and supplies, total.....	xxx	128,205	xxx	66,354
223113	Suiting and coating fabrics.....	2,556	2,264	24,933	37,552
223114	All other broad woven fabrics.....	182,050	86,963	17,615	11,705
970099	All other materials, containers, supplies, components, etc.....	xxx	23,241	xxx	8,928
973000	Materials, containers, supplies, nsk <sup>1</sup> .....	xxx	15,737	xxx	8,169

NA Not available.

<sup>1</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—ratio of primary product productions to total product productions, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class of productions to total product productions, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data<sup>1</sup>)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2341-02	WOMEN'S AND CHILDREN'S UNDERWEAR AND NIGHTWEAR--MANUFACTURERS (entire sub-industry).....	682	45,308	126,909	40,176	72,014	97,696	231,373	292,672	523,480	3,586
	Establishments with:										
	90% or more specialization.....	622	37,671	106,414	33,435	60,177	82,058	186,740	250,472	436,745	2,931
	75-89% specialization.....	22	4,027	10,385	3,656	6,444	8,350	25,227	19,136	44,422	( <sup>1</sup> )
23412-02	Women's and children's underwear--Manufacturers (primary product class of estab.).....	413	31,281	87,128	27,831	49,880	68,017	155,523	202,339	357,446	2,463
	Establishments with:										
	90% or more specialization....	300	15,835	42,968	14,242	25,006	34,413	74,589	111,130	186,005	1,009
	75-89% specialization.....	38	6,427	18,501	5,768	10,629	14,603	37,271	36,475	73,943	600
23413-02	Women's and children's nightwear--Manufacturers (primary product class of estab.).....	157	12,504	36,032	10,982	19,757	26,432	64,868	81,579	146,350	654
	Establishments with:										
	90% or more specialization....	101	6,344	18,257	5,608	10,191	13,430	29,678	43,547	73,163	( <sup>1</sup> )
	75-89% specialization.....	20	2,170	6,864	1,835	3,272	4,308	11,780	13,637	25,537	( <sup>1</sup> )
2341-03	WOMEN'S AND CHILDREN'S UNDERWEAR AND NIGHTWEAR--JOBBER (entire sub-industry) ..	147	3,032	14,623	1,637	2,912	5,251	41,425	167,763	209,323	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization.....	143	2,975	14,351	1,636	2,911	5,247	40,619	164,728	205,439	(D)
23412-03	Women's and children's underwear--Jobbers (primary product class of estab.).....	85	2,117	9,536	1,347	2,411	4,156	28,868	115,526	144,339	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	69	1,592	7,760	980	1,804	3,105	21,459	98,311	119,657	( <sup>1</sup> )
	75-89% specialization.....	5	57	256	26	46	100	982	2,194	3,164	...
23413-03	Women's and children's nightwear--Jobbers (primary product class of estab.).....	58	907	5,043	289	499	1,091	12,356	51,566	64,121	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	45	737	4,134	241	400	926	9,090	40,254	49,509	(D)
	75-89% specialization.....	5	61	449	(D)	(D)	(D)	2,202	8,079	10,287	...
2342-02	CORSETS AND ALLIED GARMENTS--MANUFACTURERS (entire sub-industry) .....	290	23,878	81,517	19,587	35,413	53,617	180,040	148,528	326,993	1,850
	Establishments with:										
	90% or more specialization.....	266	19,070	64,383	16,001	28,876	43,266	136,459	125,507	260,458	1,620
	75-89% specialization.....	13	3,547	12,664	2,543	4,612	7,222	36,259	18,234	54,482	( <sup>1</sup> )
23421-02	Brassieres--Manufacturers (primary product class of estab.).....	101	10,178	32,140	8,869	16,019	23,791	72,330	62,607	133,576	617
	Establishments with:										
	90% or more specialization....	82	7,427	23,133	6,586	11,951	17,190	45,971	33,987	79,783	( <sup>1</sup> )
23422-02	Corsets, girdles, combinations and accessories--Manufacturers (primary product class of estab.).....	140	12,470	45,748	9,704	17,619	27,190	101,701	79,937	181,439	1,092
	Establishments with:										
	90% or more specialization....	95	4,659	16,771	3,862	6,796	10,969	30,993	28,334	59,201	( <sup>1</sup> )
	75-89% specialization.....	21	4,200	14,866	3,063	5,599	8,534	39,778	23,945	63,839	( <sup>1</sup> )
2342-03	CORSETS AND ALLIED GARMENTS--JOBBER (entire sub-industry).....	27	3,275	14,679	2,052	3,566	6,332	36,648	70,578	107,454	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization.....	27	3,275	14,679	2,052	3,566	6,332	36,648	70,578	107,454	( <sup>1</sup> )
23421-03	Brassieres--Jobbers (primary product class of estab.).....	19	2,924	12,972	1,840	3,154	5,754	31,244	60,656	92,263	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	14	2,650	11,465	1,662	2,856	5,164	27,774	45,562	73,839	( <sup>1</sup> )
23422-03	Corsets, girdles, combinations and accessories--Jobbers (primary product class of estab.).....	8	351	1,707	212	412	578	5,404	9,922	15,191	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	4	49	197	31	53	91	377	482	859	...

See footnote at end of table.

Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958--Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2351	MILLINERY (entire sub-industry).....	803	17,838	64,095	15,417	28,088	50,173	109,133	81,378	190,263	1,371
	Establishments with:										
	90% or more specialization.....	779	16,982	61,559	14,634	26,668	47,990	105,644	80,163	185,560	1,356
2352	HATS AND CAPS, EXCEPT MILLINERY (entire sub-industry).....	446	17,701	59,334	15,415	27,803	46,236	91,298	78,477	170,692	1,075
	Establishments with:										
	90% or more specialization.....	402	15,551	52,934	13,482	24,141	41,035	82,197	72,524	155,611	938
	75-89% specialization.....	10	264	807	216	415	610	1,515	2,052	3,567	(1)
23521	Hats and hat bodies (except cloth and millinery) (primary product class of estab.).....	92	9,106	33,517	7,746	13,684	24,994	52,376	44,802	97,986	527
	Establishments with:										
	90% or more specialization.....	84	8,494	31,525	7,215	12,702	23,563	48,491	40,260	89,531	(1)
	75-89% specialization.....	3	279	930	228	406	635	1,622	2,076	3,705	(1)
23522	Cloth hats and caps (primary product class of estab.).....	332	7,359	22,439	6,519	11,923	18,351	34,818	32,711	67,645	(1)
	Establishments with:										
	90% or more specialization....	308	6,511	19,683	5,797	10,594	16,204	30,643	28,737	59,446	(1)
	75-89% specialization.....	12	245	818	199	398	604	1,190	1,639	2,846	(1)
2361-02	GIRLS' AND CHILDREN'S DRESSES AND BLOUSES--MANUFACTURERS (entire sub-industry).....	278	11,376	32,694	9,881	17,818	25,106	58,812	57,846	116,923	825
	Establishments with:										
	90% or more specialization.....	243	9,170	26,305	7,974	14,151	20,397	47,631	46,965	95,030	748
	75-89% specialization.....	9	669	1,997	577	1,091	1,432	3,355	3,874	7,166	(1)
23610-02	Girls' and children's dresses and blouses (except knit shirts)--Manufacturers (primary product class of estab.).....	258	9,962	29,266	8,625	15,445	22,358	53,339	51,499	105,153	785
	Establishments with:										
	90% or more specialization....	229	8,404	24,715	7,261	12,879	18,994	45,327	44,232	89,933	731
	75-89% specialization.....	5	249	805	207	376	518	1,331	1,565	2,868	(1)
23612-02	Girls' and children's knit sport shirts--Manufacturers (primary product class of estab.).....	13	1,339	3,287	1,192	2,271	2,627	5,283	6,292	11,524	(D)
	Establishments with:										
	90% or more specialization....	7	647	1,359	605	1,083	1,190	1,992	2,669	4,718	(1)
	75-89% specialization.....	3	396	1,097	350	686	859	1,866	2,172	4,003	(1)
2361-03	GIRLS' AND CHILDREN'S DRESSES AND BLOUSES--JOBBER (entire sub-industry)....	124	4,754	20,030	3,189	5,672	9,734	48,858	126,684	175,211	(1)
	Establishments with:										
	90% or more specialization.....	109	4,443	18,606	2,991	5,342	8,990	45,158	115,495	160,615	(1)
	75-89% specialization.....	7	133	593	82	149	299	1,330	5,738	7,013	(1)
23610-03	Girls' and children's dresses and blouses (except knit shirts)--Jobbers (primary product class of estab.).....	114	4,655	19,599	3,168	5,633	9,662	47,675	121,734	169,155	(D)
23612-03	Girls' and children's knit sport shirts--Jobbers (primary product class of estab.).....	10	99	431	21	39	72	1,183	4,950	6,056	(1)
2363-02	CHILDREN'S COATS--MANUFACTURERS (entire sub-industry).....	136	5,339	18,457	4,515	8,432	13,895	30,849	39,596	70,665	(1)
	Establishments with:										
	90% or more specialization.....	123	4,358	14,751	3,684	6,844	11,324	24,232	33,026	57,424	(1)
	75-89% specialization.....	5	450	1,852	368	733	1,178	3,419	3,235	6,653	(1)
2363-03	CHILDREN'S COATS--JOBBER (entire sub-industry).....	66	1,164	7,207	566	1,008	2,456	15,936	54,611	70,617	(1)
	Establishments with:										
	90% or more specialization.....	55	1,034	6,294	535	958	2,325	14,137	45,322	59,526	(1)
2369-02	GIRLS' AND CHILDREN'S OUTERWEAR, NEC--MANUFACTURERS (entire sub-industry)...	421	19,077	52,103	16,929	30,112	40,887	87,072	98,684	186,808	1,367
	Establishments with:										
	90% or more specialization.....	318	8,081	21,770	7,110	12,323	17,403	35,974	40,314	77,103	607
	75-89% specialization.....	36	2,612	6,457	2,281	3,856	5,055	9,979	13,276	23,364	(1)
2369-03	GIRLS' AND CHILDREN'S OUTERWEAR, NEC--JOBBER (entire sub-industry).....	104	2,187	9,735	1,366	2,719	4,274	25,206	76,397	100,748	(1)
	Establishments with:										
	90% or more specialization.....	68	1,091	4,642	692	1,321	1,960	12,136	33,415	44,832	(1)
	75-89% specialization.....	13	388	1,597	223	455	668	2,799	14,702	17,618	(1)

<sup>1</sup>Less than \$500 thousand.



## Miscellaneous Apparel and Accessories

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries—

### S.I.C. Code and Title (1957 Edition)

- 2371—Fur Goods
- 2381—Dress and Work Gloves, Except Knit and All Leather
- 2384—Robes and Dressing Gowns
- 2385—Raincoats and Other Waterproof Outer Garments
- 2386—Leather and Sheep Lined Clothing
- 2387—Apparel Belts
- 2389—Apparel, Not Elsewhere Classified

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the Census of Business.

### Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

The 1957 edition of the Standard Industrial Classification Manual included apparel jobbers within the manufacturing sector. The previous edition had been amended by

the Bureau of the Budget to transfer apparel jobbers from Wholesale Trade to Manufacturing. Since apparel jobbers were also included in manufacturing in earlier Censuses of Manufactures, data for 1958 and earlier years shown in this report are comparable.

### Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

### Classification of Establishments

Since these different methods of operation lead to significant differences in the relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2-4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multi-plant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount



of contract payments and receipts as they are usually described in the trade, where contractors are usually thought of as independently owned establishments.

The following table provides comparative data for each of the three types of establishments included in the industries covered by this report.

Summary Statistics for S.I.C. Group 238, Miscellaneous Apparel and Accessories, By Type of Establishment: 1958

Item	"Manufacturers"	"Jobbers"	"Contractors"
Value of production (\$1,000).....	480,367	127,807	<sup>1</sup> 49,112
All employees (number).....	45,669	2,430	11,927
Production workers (number).....	39,495	1,272	11,117
Ratio of production workers to all employees.....	.86	.52	.93
Salaries and wages (\$1,000).....	134,959	11,421	31,119
Adjusted value added by manufacture (\$1,000).....	230,592	33,421	42,264
Ratio of salaries and wages to adjusted value added by manufacture.....	.59	.34	.74

<sup>1</sup>This figure consists largely of receipts for contract work, but such receipts are treated as equivalent to value of production in the industry statistics (tables 1-4 and part of table 5).

### 2371--Fur Goods

This industry comprises establishments primarily engaged in manufacturing fur coats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep lined clothing are classified in Industry 2386, and those engaged in dyeing and dressing of furs in Industry 3992. For the detail of primary products of Industry 2371, refer to table 6A, product code 2371011.

The specialization and coverage ratios for Industry 2371 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

### 2381--Dress and Work Gloves, Except Knit and All Leather

This industry comprises establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in Industry 2259; establishments primarily engaged in manufacturing leather gloves in Industry 3151; and those manufacturing rubber gloves in Industry 3069. For a detailed list of products of Industry 2381, refer to table 6A, product codes 2381111 to 2381212.

Fabric Dress Gloves and Fabric Work Gloves which were separate industries under the previous classification system were combined into one industry, 2381, "Dress and Work Gloves, Except Knit and All Leather," in the 1957 edition of the Standard Industrial Classification Manual. Combined data are shown for 1957 and earlier years.

The value of production and other receipts of the Fabric Dress and Work Glove Industry in 1958 totaled \$119 million. This included production of fabric dress and work gloves cut and sewed from purchased woven or knit fabric (primary products), valued at \$101 million, production of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly contract work on materials owned by others and resales of finished products) of \$11 million.

This industry's production of fabric dress and work gloves (primary products) in 1958 represented 94 percent

(specialization ratio) of its total production (primary and secondary products). Secondary products made by this industry in 1958 consisted mainly of leather dress and work gloves, \$6 million.

Fabric gloves and mittens made in knitting mills (S.I.C. Group 225) are classified as primary products of Industry 2259, Knitting Mills, N.E.C., while gloves and mittens cut and sewed from purchased knit or woven fabrics are included in Industry 2381, Fabric Dress and Work Gloves. In order to show the total value of textile gloves and mittens made by all industries (regardless of the method of production), combined values of both the 2259 and 2381 products are given in tables 5 and 6. Using the combined figure of \$119 million of fabric gloves and mittens made by all industries as the base, Industry 2381 production of fabric dress and work gloves in 1958 accounted for 84 percent of the total dollar value of these products.

If, however, only the production of gloves and mittens cut and sewed from purchased woven or knit fabrics is considered, Industry 2381 production in 1958 represented 92 percent of the total production of fabric gloves and mittens cut and sewed from purchased fabrics, valued at \$109 million. Viewed in this way, there is a high degree of comparability between the industry statistics tables 1-4 and the total value of the 2381 products shown in table 6A. Comparable specialization and coverage ratios for 1954 are not available.

The Bureau of the Census published detailed annual information on the production of gloves and mittens in its Current Industrial Report Series M23D. For 1958, the MA23D survey was conducted concurrently with the Census of Manufactures. The Census of Manufactures report form collected only summary figures on the quantity and values of gloves produced and detailed product data were reported in the Annual Commodity Survey MA23D. These detailed data are shown in table 6B.

### 2384--Robes and Dressing Gowns

This industry comprises establishments primarily engaged in manufacturing men's and women's robes and dressing gowns. For a detailed list of products of Industry 2384, refer to table 6A, product codes 2384011 to 2384079.

Women's, misses', and juniors' lounging pajamas, formerly classified in this industry, are now included in Industry 2341, Women's and Children's Underwear. No



establishment reclassification resulted, however, from this revision.

The value of production and other receipts of the Robes and Dressing Gowns Industry in 1958 totaled \$133 million. This included production of robes and dressing gowns (primary products), valued at \$111 million, production of other products (secondary products) valued at \$8 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$14 million.

This industry's production of robes and dressing gowns (primary products) in 1958 as in 1954 represented 93 percent (specialization ratio) of its total production (primary and secondary). Secondary products made by this industry in 1958 consisted mainly of dozen-priced dresses, \$4 million.

Industry 2384 production of robes and dressing gowns (primary products) in 1958 represented 96 percent (coverage ratio) of these products valued at \$116 million made by all industries. In 1954, the coverage ratio was 86 percent.

#### 2385—Raincoats and Other Waterproof Outer Garments

This industry comprises establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in Industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishments are classified in Industry 3069. For a detailed list of products of Industry 2385, refer to table 6A, product codes 2385011 to 2385098.

The value of production and other receipts of the Waterproof Outer Garments Industry in 1958 totaled \$146 million. This included production of raincoats and other waterproof outer garments (primary products) valued at \$115 million, production of other products (secondary products) valued at \$13 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$18 million.

This industry's production of waterproof outer garments (primary products) in 1958 represented 90 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 89 percent. Secondary products made by this industry in 1958 consisted mainly of other rubber goods, not elsewhere classified, \$3 million.

Industry 2385 production of waterproof outer garments (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$128 million made by all industries. In 1954, the coverage ratio was 81 percent. Other industries making waterproof outer garments (primary products) consisted mainly of Industry 2311, Men's and Boys' Suits and Coats, \$4 million and Industry 2329, Men's and Boys' Clothing, N.E.C., \$2 million.

#### 2386—Leather and Sheep Lined Clothing

This industry comprises establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in Industry 3151, and fur garments in Industry 2371. For a detailed list of prod-

ucts of Industry 2386, refer to table 6A, product codes 2386013 to 2386098.

The value of production and other receipts of the Leather and Sheep Lined Clothing Industry in 1958 totaled \$66 million. This included production of leather and sheep lined clothing (primary products), valued at \$57 million, production of other products (secondary products), valued at \$4 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$5 million.

This industry's production of leather and sheep lined clothing (primary products) in 1958 represented 94 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1954 was 85 percent.

Industry 2386 production of leather and sheep lined clothing (primary products) in 1958 represented 91 percent (coverage ratio) of these products valued at \$63 million made by all industries. In 1954, the coverage ratio was 80 percent.

#### 2387—Apparel Belts

This industry comprises establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material. For a detailed list of products of Industry 2387, refer to table 6A, product codes 2387111 to 2387251.

The specialization and coverage ratios for Industry 2387 were over 90 percent in both 1958 and 1954, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

#### 2389—Apparel, Not Elsewhere Classified

This industry comprises establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, n.e.c., such as academic caps and gowns, vestments, and theatrical costumes. For a detailed list of products of Industry 2389, refer to table 6A, product codes 2389011 to 2389098.

The 1957 Standard Industrial Classification combined in this industry three industries which were separate in the previous classification system. These were: suspenders and garters (old Industry 2383); handkerchiefs (old Industry 2388); and apparel, n.e.c. (old Industry 2389). In addition, the definition for Industry 2389, Apparel, N.E.C., was further revised under the 1957 classification system to include the production of women's and misses' garter belts which had been previously a primary product of Industry 2342, Corsets and Related Garments.

This revision resulted in the shift of six establishments primarily manufacturing women's and misses' garter belts from Industry 2342, Corsets and Related Garments to Industry 2389, Apparel, N.E.C. These six establishments which are now classified in this industry accounted for a total employment of 253 and adjusted value added by manufacture of \$1.2 million. To this minor extent, the data under the old Standard Industrial Classification system, which are shown combined for 1957 and earlier years, are not comparable with the 1958 figures.

The value of production and other receipts of the Apparel, N.E.C. Industry in 1958 totaled \$95 million. This

included production of apparel, n.e.c. (primary products), valued at \$77 million, production of other products (secondary products) valued at \$8 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$10 million.

This industry's production of apparel, n.e.c. (primary products) in 1958 represented 91 percent (specialization ratio) of its total production (primary and secondary).

Industry 2389 production of apparel, n.e.c. (primary products) in 1958 represented 84 percent (coverage ratio) of these products valued at \$92 million made by all industries. Other industries making apparel, n.e.c. (primary products) consisted mainly of Industry 2342, Corsets and Related Garments, \$7 million. Comparable specialization and coverage ratios for 1954 are not available.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## FUR GOODS: SIC 237

Value Added by Manufacture by State: 1958



Includes Only Industry 2371. See Table 2.

Bureau of the Census M-58-D237

## MISCELLANEOUS APPAREL AND ACCESSORIES: SIC 238

Value Added by Manufacture by State: 1958



Includes Industries 2381, 2384, 2385, 2386, 2387 and 2389. See Table 2.

Bureau of the Census M-58-D238

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>3</sup>	Value of production <sup>3</sup>	Capital expenditures, new	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2371 (old SIC 2371)	Fur goods:														
	1958.....	1,651	1,651	78	9,355	50,454	7,944	13,648	41,715	95,411	187,011	281,335	2,644	99	100
	1954.....	1,972	1,972	63	9,983	42,833	7,994	13,935	33,915	75,843	161,640	238,347	417	99	100
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	14,256	59,847	11,802	18,877	46,897	95,527	152,808	248,335	(S)	(NA)	(NA)
	1947.....	2,227	2,229	169	16,190	68,571	13,745	24,521	57,636	122,821	234,466	357,013	559	100	100
	1939.....	(NA)	2,175	(NA)	17,329	33,435	13,111	(NA)	23,403	60,280	107,752	168,032	(NA)	(NA)	(NA)
	1937 <sup>7</sup> .....	(NA)	1,642	(NA)	16,057	29,012	12,952	(NA)	21,560	49,260	106,345	155,605	(NA)	(NA)	(NA)
	1935.....	(NA)	2,438	(NA)	16,215	28,832	12,510	(NA)	21,040	52,792	90,992	143,784	(NA)	(NA)	(NA)
	1933.....	(NA)	1,463	(NA)	9,782	13,646	8,210	(NA)	11,500	30,463	50,061	80,524	(NA)	(NA)	(NA)
	1931.....	(NA)	2,354	(NA)	(NA)	(NA)	12,358	(NA)	24,793	62,115	102,634	164,749	(NA)	(NA)	(NA)
	1929.....	(NA)	2,855	(NA)	19,853	46,088	15,752	(NA)	33,330	101,486	176,107	277,593	(NA)	(NA)	(NA)
	1927.....	(NA)	2,756	(NA)	20,733	47,763	16,640	(NA)	37,671	104,292	195,323	299,615	(NA)	(NA)	(NA)
	1925.....	(NA)	2,000	(NA)	20,164	43,716	16,556	(NA)	35,164	94,950	159,316	254,266	(NA)	(NA)	(NA)
	1923.....	(NA)	1,758	(NA)	18,276	35,954	14,439	(NA)	27,923	71,881	126,162	198,043	(NA)	(NA)	(NA)
	1921.....	(NA)	1,707	(NA)	15,096	28,666	12,052	(NA)	22,421	54,829	84,537	139,366	(NA)	(NA)	(NA)
	1919.....	(NA)	1,815	(NA)	17,307	32,142	13,639	(NA)	24,149	67,541	105,397	173,138	(NA)	(NA)	(NA)
	1914.....	(NA)	1,322	(NA)	11,564	9,118	9,030	(NA)	6,335	19,786	23,847	43,633	(NA)	(NA)	(NA)
	1909.....	(NA)	1,241	(NA)	14,435	10,341	11,927	(NA)	7,789	24,161	31,777	55,938	(NA)	(NA)	(NA)
	1904.....	(NA)	867	(NA)	10,342	6,352	9,370	(NA)	5,123	15,917	21,202	37,119	(NA)	(NA)	(NA)
	1899.....	(NA)	734	(NA)	8,899	4,933	7,758	(NA)	3,927	11,618	14,281	25,899	(NA)	(NA)	(NA)
2381 (old SIC 2381, 2382)	Fabric dress and work gloves:														
	1958 <sup>8</sup> .....	189	228	130	13,941	32,870	12,641	21,871	27,180	53,930	64,307	118,749	556	94	84
	1954.....	(NA)	240	146	14,621	29,709	13,611	23,667	24,897	47,445	62,056	109,718	(NA)	( <sup>9</sup> )	(NA)
	1947.....	(NA)	276	177	16,498	26,982	15,563	28,312	23,591	104,368	58,053	104,570	1,659	(NA)	(NA)
	1939.....	(NA)	145	(NA)	(NA)	(NA)	12,753	(NA)	8,308	15,195	16,060	31,255	(NA)	(NA)	(NA)
	1937.....	(NA)	107	(NA)	13,104	8,571	12,679	(NA)	7,847	13,855	18,705	32,560	(NA)	(NA)	(NA)
	1935.....	(NA)	115	(NA)	8,415	5,138	8,048	(NA)	4,488	8,607	10,333	18,940	(NA)	(NA)	(NA)
	1933.....	(NA)	91	(NA)	8,875	3,936	8,586	(NA)	3,547	7,269	8,743	16,012	(NA)	(NA)	(NA)
	1931.....	(NA)	106	(NA)	(NA)	(NA)	7,101	(NA)	3,319	5,627	8,912	14,539	(NA)	(NA)	(NA)
	1929.....	(NA)	125	(NA)	9,861	6,927	9,279	(NA)	5,914	10,594	19,289	29,883	(NA)	(NA)	(NA)
	1927.....	(NA)	131	(NA)	10,752	7,626	10,296	(NA)	6,670	12,810	17,392	30,202	(NA)	(NA)	(NA)
	1925.....	(NA)	139	(NA)	(NA)	(NA)	9,061	(NA)	5,709	11,555	17,977	29,532	(NA)	(NA)	(NA)
	1923 <sup>11</sup> .....	(NA)	129	(NA)	9,379	6,412	8,864	(NA)	5,296	9,834	18,292	28,126	(NA)	(NA)	(NA)
	1921.....	(NA)	128	(NA)	6,099	4,106	5,758	(NA)	3,294	5,022	10,191	15,213	(NA)	(NA)	(NA)
	1919 <sup>12</sup> .....	(NA)	182	(NA)	9,613	6,092	8,986	(NA)	4,855	12,128	16,092	28,220	(NA)	(NA)	(NA)
2384 (old SIC 2384)	Robes and dressing gowns:														
	1958.....	274	278	155	10,625	30,461	9,258	15,975	22,754	56,442	76,203	132,671	459	93	96
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,188	29,549	9,854	16,353	21,568	48,978	79,927	123,555	(S)	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,355	29,420	10,046	16,338	21,301	46,558	86,097	132,072	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,984	30,785	10,702	18,480	23,547	46,712	82,517	132,479	(S)	(NA)	(NA)
	1954.....	322	328	157	10,957	27,039	10,043	16,891	21,093	43,229	65,170	109,292	( <sup>13</sup> )	93	( <sup>9</sup> )
	1947.....	370	376	216	10,884	23,353	9,803	17,469	17,630	42,563	60,461	103,024	708	89	82
	1939 <sup>14</sup> .....	(NA)	190	(NA)	(NA)	(NA)	5,774	(NA)	4,303	11,740	20,054	31,794	(NA)	(NA)	(NA)
2385 (old SIC 2385)	Waterproof outer garments:														
	1958.....	270	277	136	13,159	43,114	11,315	20,202	32,217	73,070	73,933	146,175	7958	90	90
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,283	40,144	11,872	20,401	32,348	69,811	60,256	129,870	(S)	94	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,131	39,157	11,567	20,809	31,140	67,541	63,421	129,830	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	12,591	39,196	11,178	21,108	31,119	69,345	63,182	132,529	(S)	(NA)	(NA)
	1954.....	291	294	154	12,872	34,702	11,360	20,167	27,117	58,941	61,310	121,165	844	89	81
	1947.....	245	247	(NA)	8,573	20,272	7,568	14,367	15,448	33,444	47,307	80,751	533	85	73
	1939.....	(NA)	81	(NA)	(NA)	(NA)	2,412	(NA)	1,934	4,341	7,264	11,605	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	61	(NA)	(NA)	(NA)	2,243	(NA)	1,707	4,096	5,908	10,004	(NA)	(NA)	(NA)
2386 (old SIC 2386)	Leather & sheeplined clothing:														
	1958.....	154	154	71	4,626	16,166	4,037	7,488	12,410	27,847	38,374	65,734	338	94	91
	1954.....	153	153	74	5,361	15,730	4,660	8,106	11,862	23,570	32,557	56,910	( <sup>13</sup> )	85	80
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,655	13,910	4,052	7,677	11,140	21,536	31,403	52,939	(S)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	3,909	10,739	3,414	6,306	8,445	17,493	28,076	45,569	(S)	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,306	10,729	3,791	6,725	8,291	15,220	27,089	42,309	(S)	(NA)	(NA)
	1947.....	125	125	(NA)	4,228	10,432	3,710	7,376	7,798	18,451	22,104	40,555	276	79	80
	1939.....	(NA)	97	(NA)	5,355	5,878	4,672	(NA)	4,578	8,376	13,766	22,142	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	78	(NA)	4,514	4,615	4,075	(NA)	3,720	6,574	14,399	20,973	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>2</sup>	Cost of materials <sup>3</sup>	Value of production <sup>3</sup>	Capital expend- itures, new	Special- ization ratio <sup>4</sup> (per- cent)	Cov- erage ratio <sup>5</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2387 (old SIC 2387)	Apparel belts:														
	1958.....	453	455	144	10,150	31,801	8,498	15,441	22,503	53,726	46,164	99,053	816	92	95
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,205	37,152	11,227	19,169	27,879	60,583	46,897	103,635	(S)	95	99
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	12,731	34,983	10,894	18,982	26,302	59,183	43,382	99,701	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,243	37,006	11,399	20,599	27,858	64,616	53,654	113,540	(S)	(NA)	(NA)
	1954.....	501	503	168	12,571	35,403	10,789	19,639	25,176	60,131	51,965	112,368	658	92	94
	1947.....	390	396	284	9,162	22,016	7,573	14,338	15,889	38,037	30,945	68,982	714	90	95
	1939.....	(NA)	245	(NA)	5,159	5,800	4,222	(NA)	4,067	9,176	9,900	19,076	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	119	(NA)	(NA)	(NA)	3,435	(NA)	3,294	8,332	8,374	16,706	(NA)	(NA)	(NA)
2389 (old SIC 2383, 2388, 2389)	Apparel, nec:														
	1958 <sup>15</sup> .....	303	309	93	7,525	23,087	6,135	11,012	16,168	41,262	53,250	94,904	517	91	84
	1954.....	(NA)	286	95	7,948	20,796	6,934	12,249	15,054	35,909	48,476	84,389	(13)	(NA)	(NA)
	1947.....	(NA)	308	106	8,448	17,554	7,251	13,340	12,036	35,385	45,570	80,955	351	(NA)	(NA)
	1939.....	(NA)	193	(NA)	(NA)	(NA)	8,389	(NA)	6,122	16,365	24,525	40,890	(NA)	(NA)	(NA)

<sup>1</sup>Revised.

NA Not available.

<sup>2</sup>Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>3</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>4</sup>The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of non-production workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>5</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. See Introduction, "Value Added by Manufacture." For the industries covered in this report, except Industry 2371, value of production was collected instead of value of shipments. Therefore, in calculating adjusted value added for industries except Industry 2371, no adjustment is made for changes in the value of finished product inventories. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for years prior to 1935 do not include cost of contract work. See Introduction, "Cost of Materials Consumed." For 1958 and 1954, value of production includes shipments of products bought for resale; for other years, excludes value of such resales. See Introduction, "Value of Shipments." The figures represent value of production for all years, except in the case of Fur goods in 1958 and Fabric dress and work gloves in 1954 where they represent value of shipments. Undadjusted value added for 1954, cost of materials excluding cost of resales, and value of production excluding value of resales for 1954 and 1958 are shown below:

Industry Code	Value Added (\$1,000)		Cost of Materials, etc. (\$1,000)		Value of Production (\$1,000)	
	1954	1958	1954	1958	1954	1958
2371	74,755	182,673	152,770	275,309	227,525	
2381	46,832	58,755	58,035	110,857	104,867	
2384	44,027	76,090	63,936	132,548	107,964	
2385	59,342	72,471	60,317	144,417	119,660	
2386	24,248	37,248	32,134	64,272	56,383	
2387	58,010	41,897	48,298	93,175	106,311	
2389	34,142	49,912	43,229	90,594	77,373	

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of production of primary products of establishments classified in the industry is expressed as a ratio to the total production of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>7</sup>The coverage ratio measures the extent to which all production of primary products of an industry are made by establishments classified in the industry. That is, value of production of primary products made by establishments in the industry is expressed as a ratio to the total production of primary products made by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.<sup>9</sup>For Fur Goods in 1937, coverage was incomplete.<sup>10</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: Fabric Dress Gloves (old SIC 2381) and Fabric Work Gloves (old SIC 2382). Prior to 1935, Fabric Dress Gloves and Fabric Work Gloves were classified in one industry. Data for 1957 and earlier years are shown on the combined basis.<sup>11</sup>Over 90 percent.<sup>12</sup>The 1947 value added by manufacture for Fabric dress and work gloves does not equal the published value of shipments less cost of materials, etc., because an estimated value of production was used in the calculation in place of value of shipments.<sup>13</sup>The figures for 1919-1923 do not include data for gloves and mittens of fabric and leather combined.<sup>14</sup>Prior to 1919, this industry was included in Furnishing goods, Men's. Separate figures are, therefore, not available for earlier years.<sup>15</sup>Less than \$500 thousand.<sup>16</sup>Comparable data for earlier years are not available.<sup>17</sup>The 1957 Standard Industrial Classification combined in this industry three industries which were separate in the 1945 Standard Industrial Classification. These were: Suspenders and Garters (old SIC 2383), Handkerchiefs (old SIC 2388) and Apparel, nec (old SIC 2389). In addition, a further revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification. The details of this revision are described in the text. The figures for 1954 and earlier years are shown on a combined basis for the three industries.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2371	Fur goods, total...	1,651	78	9,355	50,454	7,944	13,648	41,715	95,411	281,335	2,644	9,983	74,755	16,190
	New England.....	12	...	37	124	32	54	107	227	598	( <sup>2</sup> )	69	339	194
	Middle Atlantic..	1,484	73	8,647	47,351	7,321	12,586	39,092	88,004	264,916	2,401	9,283	69,809	14,777
	New York.....	1,454	72	8,489	46,737	7,189	12,351	38,583	86,721	261,937	2,339	9,158	68,934	14,371
	Pennsylvania...	23	1	125	485	105	188	403	1,013	2,243	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	East North													
	Central.....	67	4	308	1,475	267	466	1,222	3,857	7,177	(D)	325	2,877	592
	Illinois.....	49	...	135	744	116	198	597	1,812	3,761	( <sup>2</sup> )	189	1,569	255
	West North													
	Central.....	11	...	49	222	41	69	171	344	1,067	(D)	124	515	326
	South.....	8	...	44	178	33	60	121	247	1,126	( <sup>2</sup> )	22	74	87
	West.....	69	1	270	1,104	250	413	1,002	2,732	6,451	108	160	1,141	214
	California.....	65	1	256	1,060	238	393	963	2,612	6,240	103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2381	Fabric dress and work gloves, total <sup>2, 6</sup> .....	228	130	13,941	32,870	12,641	21,871	27,180	53,930	118,749	556	14,621	46,832	16,498
	New England.....	7	3	221	516	209	386	470	633	1,458	r( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Middle Atlantic..	103	44	3,608	9,215	3,223	5,674	7,465	16,115	36,491	135	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	New York.....	82	29	2,759	7,135	2,455	4,281	5,701	12,933	29,486	107	r( <sup>3</sup> )	r( <sup>3</sup> )	r( <sup>3</sup> )
	East North													
	Central.....	56	34	3,831	9,374	3,425	5,905	7,492	15,518	34,165	131	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Ohio.....	12	8	933	2,625	795	1,427	1,980	4,910	9,480	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Illinois.....	12	9	1,471	3,443	1,339	2,286	2,729	5,045	11,823	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Wisconsin.....	11	5	502	1,241	470	875	1,083	2,940	5,892	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West North													
	Central.....	17	12	1,032	2,400	943	1,653	2,034	2,906	7,426	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Missouri.....	4	4	461	994	445	740	927	753	2,474	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	South Atlantic...	7	6	1,388	3,256	1,215	2,077	2,491	5,398	10,196	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	East South													
	Central.....	15	14	2,577	5,257	2,428	4,045	4,726	8,828	19,095	134	r( <sup>3</sup> )	r( <sup>3</sup> )	r( <sup>3</sup> )
	Mississippi....	6	6	1,052	2,236	1,014	1,821	2,100	3,489	8,299	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West South													
	Central.....	12	11	982	1,984	925	1,606	1,799	3,233	6,780	( <sup>2</sup> )	r( <sup>3</sup> )	r( <sup>3</sup> )	r( <sup>3</sup> )
	Texas.....	6	6	464	956	429	747	829	1,783	3,695	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West.....	11	6	302	868	273	525	703	1,299	3,138	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Washington.....	4	3	172	457	159	326	379	685	1,654	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2381 Pt. 02	Fabric dress and work gloves, "manufacturers", total	187	118	13,023	30,571	11,825	20,438	25,325	49,942	108,495	r(NA)	(NA)	(NA)	(NA)
	New England.....	7	3	221	516	209	386	470	633	1,458	r(NA)	(NA)	(NA)	(NA)
	Middle Atlantic and East North													
	Central.....	118	66	6,521	16,290	5,832	10,146	13,102	27,645	60,402	(NA)	(NA)	(NA)	(NA)
	New York.....	49	22	2,052	5,360	1,827	3,176	4,261	9,672	21,023	(NA)	(NA)	(NA)	(NA)
	Ohio.....	12	8	933	2,625	795	1,427	1,980	4,910	9,480	(NA)	(NA)	(NA)	(NA)
	Wisconsin.....	11	5	502	1,241	470	875	1,083	2,940	5,892	(NA)	(NA)	(NA)	(NA)
	West North													
	Central.....	17	12	1,032	2,400	943	1,653	2,034	2,906	7,426	(NA)	(NA)	(NA)	(NA)
	Missouri.....	4	4	461	994	445	740	927	753	2,474	(NA)	(NA)	(NA)	(NA)
	South Atlantic...	7	6	1,388	3,256	1,215	2,077	2,491	5,398	10,196	(NA)	(NA)	(NA)	(NA)
	East South													
	Central.....	15	14	2,577	5,257	2,428	4,045	4,726	8,828	19,095	(NA)	(NA)	(NA)	(NA)
	Mississippi....	6	6	1,052	2,236	1,014	1,821	2,100	3,489	8,299	(NA)	(NA)	(NA)	(NA)
	West South													
	Central.....	12	11	982	1,984	925	1,606	1,799	3,233	6,780	(NA)	(NA)	(NA)	(NA)
	Texas.....	6	6	464	956	429	747	829	1,783	3,695	(NA)	(NA)	(NA)	(NA)
	West.....	11	6	302	868	273	525	703	1,299	3,138	(NA)	(NA)	(NA)	(NA)
	Pacific.....	11	6	302	868	273	525	703	1,299	3,138	(NA)	(NA)	(NA)	(NA)
	Washington.....	4	3	172	457	159	326	379	685	1,654	(NA)	(NA)	(NA)	(NA)
2384	Robes and dressing gowns, total.....	278	155	10,625	30,461	9,258	15,975	22,754	56,442	132,671	459	10,957	44,027	10,884
	New England.....	21	13	1,255	3,794	1,072	1,867	2,639	6,879	14,221	( <sup>2</sup> )	1,654	6,365	1,231
	Massachusetts..	13	8	681	1,936	582	1,025	1,428	3,209	6,664	( <sup>2</sup> )	939	3,473	594
	Middle Atlantic..	210	111	6,471	19,129	5,610	9,500	14,271	36,447	87,839	225	7,118	30,977	6,373
	New York.....	178	91	4,589	14,707	3,861	6,484	10,461	28,508	70,357	155	5,158	25,498	4,949
	New Jersey.....	12	7	544	1,268	506	880	1,168	2,381	4,677	( <sup>2</sup> )	712	2,047	534
	Pennsylvania...	20	13	1,338	3,154	1,243	2,136	2,642	5,558	12,805	( <sup>2</sup> )	1,248	3,432	890
	North Central...	9	6	440	1,257	335	590	771	2,468	5,780	( <sup>2</sup> )	675	2,737	1,101
	South.....	r27	r20	r2,204	r5,648	r2,037	r3,679	r4,607	r9,188	r22,195	(D)	1,339	3,262	1,617
	Georgia.....	r9	r5	r587	r1,350	r543	r951	r1,166	r2,862	r6,620	r105	815	1,984	1,131
	West.....	r11	r5	r255	r633	r204	r339	r466	r1,460	r2,636	(D)	171	686	562
2384 Pt. 02	Robes and dressing gowns, "manufacturers", total....	110	65	5,252	15,771	4,550	7,818	11,562	29,399	65,711	(NA)	5,090	23,466	(NA)
	New England.....	14	8	1,043	3,373	912	1,621	2,290	6,376	13,677	(NA)	699	3,240	(NA)
	Middle Atlantic..	63	35	2,172	7,057	1,854	3,011	5,117	13,295	31,104	(NA)	2,545	14,305	(NA)
	New York.....	59	32	1,661	5,771	1,378	2,292	4,039	10,613	25,183	(NA)	2,096	12,721	(NA)
	All other divisions.....	33	22	2,037	5,341	1,784	3,186	4,155	9,728	20,930	(NA)	1,846	5,921	(NA)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2384 Pt. 03	Robes and dressing gowns, "jobbers", total.....	47	16	1,218	5,326	793	1,569	2,663	14,497	53,344	(NA)	1,073	7,618	(NA)
	Middle Atlantic.....	42	15	1,173	5,023	783	1,549	2,627	13,554	46,574	(NA)	779	6,123	(NA)
	New York.....	39	13	810	4,071	446	923	1,827	11,202	38,097	(NA)	779	6,123	(NA)
	All other divisions.....	5	1	45	303	10	20	36	943	6,770	(NA)	294	1,495	(NA)
2384 Pt. 04	Robes and dressing gowns, "contractors", total.....	121	74	4,155	9,364	3,915	6,588	8,529	12,546	13,616	(NA)	4,601	11,813	(NA)
	New England.....	7	5	212	421	160	246	349	503	544	(NA)	(3)	(3)	(NA)
	Middle Atlantic.....	105	61	3,126	7,049	2,973	4,940	6,527	9,598	10,161	(NA)	(3)	(3)	(NA)
	New York.....	80	46	2,118	4,865	2,037	3,269	4,595	6,693	7,077	(NA)	2,281	6,652	(NA)
	All other divisions.....	9	8	817	1,894	782	1,402	1,653	2,445	2,911	(NA)	283	473	(NA)
2385	Waterproof outer-garments, total....	277	136	13,159	43,114	11,315	20,202	32,217	73,070	146,175	958	12,872	59,342	8,573
	New England.....	43	30	2,887	8,717	2,509	4,357	6,710	13,275	26,028	115	2,698	10,886	1,595
	Massachusetts....	38	26	2,626	7,989	2,281	3,944	6,161	12,067	23,289	(D)	2,482	10,113	(D)
	Middle Atlantic....	180	83	7,011	23,380	6,016	11,058	17,594	41,307	84,402	655	6,037	30,833	4,459
	New York.....	157	65	5,790	20,101	4,881	9,086	14,765	36,743	77,795	552	4,824	24,597	3,551
	New Jersey.....	17	13	701	1,855	653	1,067	1,664	2,703	3,864	62	561	1,882	581
	Pennsylvania....	6	5	520	1,424	482	905	1,165	1,861	2,743	(2)	651	4,354	327
	North Central....	20	10	1,329	5,157	1,053	1,937	3,598	9,006	16,462	(2)	2,352	11,908	1,935
	Ohio.....	5	2	190	615	171	330	539	1,218	2,150	(D)	320	1,516	372
	Wisconsin.....	4	4	455	1,863	350	630	1,217	2,617	4,407	(2)	741	3,803	498
	South.....	12	8	1,429	4,191	1,278	2,067	2,952	7,156	14,608	111	1,552	4,705	233
	Georgia.....	4	3	680	2,003	577	890	1,271	2,611	6,066	(2)	506	1,342	(D)
	West.....	22	5	503	1,669	459	783	1,363	2,326	4,675	(2)	233	1,010	351
	California.....	15	4	388	1,318	358	629	1,110	1,901	3,764	30	(3)	(3)	(3)
2385 Pt. 02	Waterproof outer garments, "manufacturers", total..	149	61	8,709	28,349	7,479	13,502	21,036	49,202	94,536	(NA)	8,142	37,630	(NA)
	New England.....	21	16	2,043	6,238	1,750	3,038	4,656	10,000	21,556	(NA)	1,883	8,655	(NA)
	Massachusetts....	17	12	1,787	5,554	1,522	2,625	4,107	8,858	19,213	(NA)	1,724	8,020	(NA)
	Middle Atlantic....	80	26	3,921	12,543	3,383	6,353	9,441	23,222	42,584	(NA)	2,484	12,690	(NA)
	New York.....	69	20	3,394	11,221	2,908	5,479	8,348	21,135	38,582	(NA)	2,008	8,866	(NA)
	North Central....	16	8	1,210	4,626	994	1,836	3,469	7,723	13,131	(NA)	3,775	16,285	(NA)
	Ohio.....	5	2	190	615	171	330	539	1,218	2,150	(NA)			(NA)
	Wisconsin.....	4	4	455	1,863	350	630	1,217	2,617	4,407	(NA)			(NA)
	South and West....	32	11	1,535	4,942	1,352	2,275	3,470	8,257	17,265	(NA)			(NA)
	Georgia.....	4	3	680	2,003	577	890	1,271	2,611	6,066	(NA)			(NA)
	California.....	15	4	388	1,318	358	629	1,110	1,901	3,764	(NA)			(NA)
2385 Pt. 03	Waterproof outer garments, "jobbers", total.....	37	6	475	3,215	126	256	692	8,960	35,146	(NA)	669	8,637	(NA)
	Middle Atlantic....	32	5	407	2,710	123	252	686	7,499	30,803	(NA)	(3)	(3)	(NA)
	New York.....	32	5	407	2,710	123	252	686	7,499	30,803	(NA)	574	7,758	(NA)
	All other divisions.....	5	1	68	505	3	4	6	1,461	4,343	(NA)	(3)	(3)	(NA)
2385 Pt. 04	Waterproof outer garments, "contractors", total....	91	69	3,975	11,550	3,710	6,444	10,489	14,908	16,493	(NA)	3,753	11,993	(NA)
	Middle Atlantic....	68	52	2,683	8,127	2,510	4,453	7,467	10,586	11,015	(NA)	(3)	(3)	(NA)
	New York.....	56	40	1,989	6,170	1,850	3,355	5,731	8,109	8,410	(NA)	1,934	6,891	(NA)
	All other divisions.....	23	17	1,292	3,423	1,200	1,991	3,022	4,322	5,478	(NA)	(3)	(3)	(NA)
2386	Leather and sheep-lined clothing, total.....	154	71	4,626	16,166	4,037	7,488	12,410	27,847	65,734	338	5,361	24,248	4,228
	New England.....	20	14	990	3,283	909	1,688	2,747	5,452	12,128	(2)	1,050	5,305	626
	Massachusetts....	15	9	678	2,119	617	1,119	1,765	3,594	7,806	(2)	(3)	(3)	(3)
	Middle Atlantic....	83	39	2,366	8,479	2,035	3,740	6,557	15,375	36,333	139	1,948	8,952	1,330
	New York.....	60	25	1,245	4,913	1,043	1,949	3,647	9,723	23,281	(2)	849	4,023	491
	East North Central.....	14	3	247	1,015	212	413	682	1,584	4,617	(2)	594	2,222	1,007
	West North Central.....	11	5	297	809	271	462	644	1,406	3,451	(2)	577	2,313	701
	South.....	4	3	169	551	157	320	481	477	1,780	(D)	169	535	(D)
	Mountain.....	9	2	176	438	164	286	352	957	1,718	(D)	164	733	(D)
	Pacific.....	13	5	381	1,591	289	579	947	2,596	5,707	(2)	859	4,188	464
2386 Pt. 02	Leather and sheep-lined clothing "manufacturers", total.....	119	53	3,739	13,117	3,254	5,977	9,966	22,631	53,903	(NA)	4,290	19,745	(NA)
	Middle Atlantic....	55	26	1,714	6,119	1,475	2,655	4,735	11,064	25,523	(NA)	(3)	(3)	(NA)
	New York.....	42	19	965	3,920	824	1,507	2,968	7,254	16,417	(NA)	1,690	2,751	(NA)
	East North Central.....	14	3	247	1,015	212	413	682	1,584	4,617	(NA)	594	2,222	(NA)
	West North Central.....	11	5	297	809	271	462	644	1,406	3,451	(NA)	577	2,313	(NA)
	Pacific.....	13	5	381	1,591	289	579	947	2,596	5,707	(NA)	(3)	(3)	(NA)
	California.....	12	5	379	1,587	287	576	943	2,583	5,684	(NA)	(NA)	(NA)	(NA)
	All other divisions.....	26	14	1,100	3,583	1,007	1,868	2,958	5,981	14,605	(NA)	(3)	(3)	(NA)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2386 Pt. 03	Leather and sheep-lined clothing "jobbers": Middle Atlantic..	6	...	60	381	10	19	40	1,873	8,008	(NA)	87	901	(NA)
	Northeast.....	6	...	60	381	10	19	40	1,873	8,008	(NA)			(NA)
2386 Pt. 04	Leather and sheep-lined clothing "contractors", total.....	29	18	827	2,668	773	1,492	2,404	3,343	3,823	(NA)	730	2,556	(NA)
	Middle Atlantic..	22	13	592	1,979	550	1,066	1,782	2,438	2,802	(NA)	(3)	(3)	(NA)
	All other divisions.....	7	5	235	689	223	426	622	905	1,021	(NA)	(3)	(3)	(NA)
2387	Apparel belts, total.....	455	144	10,150	31,801	8,498	15,441	22,503	53,726	99,053	816	12,571	58,010	9,162
	New England.....	34	14	843	2,508	705	1,294	1,833	3,652	6,490	(2)	847	3,420	315
	Massachusetts..	21	9	618	1,730	524	956	1,350	2,424	4,291	(2)	585	2,077	177
	Connecticut....	10	5	213	729	175	319	452	1,134	2,010	(2)	237	1,268	(D)
	Middle Atlantic..	321	100	6,952	22,025	5,861	10,517	15,856	37,359	68,410	529	9,088	42,648	7,214
	New York.....	288	83	5,495	17,598	4,640	8,468	13,172	30,650	55,736	461	7,272	35,144	5,910
	New Jersey.....	10	5	395	1,108	357	613	842	1,338	2,819	(2)	500	2,268	532
	Pennsylvania...	23	12	1,062	3,319	864	1,436	1,842	5,371	9,855	(2)	1,316	5,236	772
	North Central....	30	10	759	2,385	667	1,273	1,737	4,593	8,872	(2)	978	5,554	969
	Illinois.....	17	7	432	1,445	376	708	1,061	3,372	6,724	13	571	3,977	520
	South Atlantic...	11	2	183	397	153	257	314	727	1,471	(2)	150	475	(D)
	West South Central.....	20	8	884	2,568	651	1,217	1,451	3,980	7,968	(2)	971	3,243	346
	Texas.....	13	7	791	2,220	579	1,070	1,250	3,348	6,529	(2)	904	2,835	346
	West.....	39	10	529	1,918	457	883	1,312	3,415	5,842	111	537	2,670	269
2387 Pt. 02	Apparel belts, "manufacturers", total.....	362	119	8,722	27,667	7,208	13,154	19,178	46,120	86,867	(NA)	10,309	48,214	(NA)
	New England.....	23	8	503	1,592	394	721	1,032	2,266	4,486	(NA)	669	2,749	(NA)
	Massachusetts..	13	5	344	984	269	488	678	1,279	2,559	(NA)	407	1,406	(NA)
	Connecticut....	7	3	147	559	115	214	323	893	1,738	(NA)	237	1,268	(NA)
	Middle Atlantic..	256	87	6,176	19,773	5,169	9,351	14,053	33,994	63,505	(NA)	7,550	37,059	(NA)
	New York.....	229	71	4,800	15,537	4,024	7,420	11,525	27,587	51,247	(NA)	6,434	31,810	(NA)
	North Central....	23	7	642	1,980	565	1,073	1,461	2,605	4,724	(NA)	786	3,407	(NA)
	Illinois.....	12	4	334	1,092	291	535	814	1,446	2,672	(NA)	476	2,158	(NA)
	South.....	27	8	985	2,755	728	1,326	1,597	4,440	9,099	(NA)			(NA)
	West.....	33	9	416	1,567	352	683	1,035	2,815	5,053	(NA)	1,034	4,999	(NA)
2389	Apparel, nec, total	309	93	7,525	23,087	6,135	11,012	16,168	41,262	94,904	517	7,948	34,142	8,448
	New England.....	23	9	752	2,092	676	1,129	1,575	2,876	7,146	(2)	(3)	(3)	(3)
	Rhode Island...	4	3	316	759	302	475	644	1,266	3,606	(D)	(3)	(3)	(3)
	Middle Atlantic..	200	61	4,568	14,258	3,688	6,602	9,967	27,683	68,584	301	(3)	(3)	(3)
	New York.....	144	39	2,878	9,443	2,168	3,931	6,222	18,651	49,422	184	(3)	(3)	(3)
	New Jersey.....	32	12	887	2,355	833	1,483	2,009	5,014	10,054	(2)	(3)	(3)	(3)
	Pennsylvania...	24	10	803	2,460	687	1,188	1,736	4,018	9,108	(2)	(3)	(3)	(3)
	East North Central.....	36	8	1,028	3,345	764	1,451	2,054	5,096	8,758	(2)	(3)	(3)	(3)
	Illinois.....	16	5	546	1,777	406	806	1,112	2,454	4,754	(2)	(3)	(3)	(3)
	West North Central.....	7	3	165	468	138	224	329	705	1,584	(2)	(3)	(3)	(3)
	South.....	25	8	697	1,613	600	1,085	1,240	3,135	6,334	(2)	(3)	(3)	(3)
	Pacific.....	18	4	315	1,311	269	521	1,003	1,767	2,498	(2)	(3)	(3)	(3)
	California.....	18	4	315	1,311	269	521	1,003	1,767	2,498	(2)	(3)	(3)	(3)
2389 Pt. 02	Apparel, nec, "manufacturers", total.....	248	72	6,224	19,484	5,179	9,288	14,017	33,298	70,855	(NA)	(3)	(3)	(3)
	Middle Atlantic..	146	40	3,302	10,815	2,749	4,909	7,854	20,000	45,458	(NA)	(3)	(3)	(3)
	New York.....	110	28	2,187	7,351	1,763	3,138	5,291	13,323	29,310	(NA)	(3)	(3)	(3)
	New Jersey.....	17	5	478	1,420	448	830	1,168	3,383	7,857	(NA)	(3)	(3)	(3)
	Pennsylvania...	19	7	637	2,044	538	941	1,395	3,249	8,291	(NA)	(3)	(3)	(3)
	West North Central.....	7	3	165	468	138	224	329	705	1,584	(NA)	(NA)	(NA)	(NA)
	South.....	22	8	686	1,584	591	1,067	1,215	3,075	6,243	(NA)	(NA)	(NA)	(NA)
	Pacific.....	18	4	315	1,311	269	521	1,003	1,767	2,498	(NA)	(NA)	(NA)	(NA)
	California.....	18	4	315	1,311	269	521	1,003	1,767	2,498	(NA)	(NA)	(NA)	(NA)
	All other divisions.....	55	17	1,756	5,306	1,432	2,567	3,616	7,751	15,072	(NA)	(NA)	(NA)	(NA)
	Rhode Island...	4	3	316	759	302	475	644	1,266	3,606	(NA)	(NA)	(NA)	(NA)
2389 Pt. 03	Apparel, nec, "jobbers", total.....	26	6	363	1,510	87	160	242	4,588	20,130	(NA)	(NA)	(NA)	(NA)
	Middle Atlantic..	22	6	344	1,387	(D)	(D)	(D)	4,370	19,300	(NA)	(NA)	(NA)	(NA)
	New York.....	19	6	328	1,323	77	143	216	4,194	18,695	(NA)	(NA)	(NA)	(NA)
	All other divisions.....	4	...	19	123	(D)	(D)	(D)	218	830	(NA)	(NA)	(NA)	(NA)
2389 Pt. 04	Apparel, nec, "contractors", total.....	35	15	938	2,093	869	1,564	1,909	3,376	3,919	(NA)	(NA)	(NA)	(NA)
	New York.....	15	5	363	769	328	650	715	1,134	1,417	(NA)	(NA)	(NA)	(NA)
	All other States.	20	10	575	1,324	541	914	1,194	2,242	2,502	(NA)	(NA)	(NA)	(NA)

See footnotes on next page.



Footnotes for Table 2-23D

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

NA Not available. <sup>2</sup>Revised.

<sup>3</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2371, Fur Goods: New England—Massachusetts, 6 (1-19); Connecticut, 6 (1-19); Middle Atlantic—New Jersey, 7 (20-99); East North Central—Ohio, 4 (1-19); Michigan, 3 (20-99); Wisconsin, 11 (20-99); West North Central—Minnesota, 9 (20-99); Missouri, 2 (1-19); South—Maryland, 4 (20-99); District of Columbia, 1 (1-19); Florida, 1 (1-19); Texas, 2 (1-19); West—Colorado, 1 (1-19); Nevada, 1 (1-19); Washington, 1 (1-19); Oregon, 1 (1-19).

SIC 2381, Fabric Dress and Work Gloves: New England—Maine, 1 (1-19); Vermont, 1 (100-249); Massachusetts, 1 (20-99); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 7 (250-499); Pennsylvania, 14 (500-999); East North Central—Indiana, 12 (500-999); Michigan, 9 (100-249); West North Central—Minnesota, 4 (100-249); Iowa, 7 (250-499); Nebraska, 1 (1-19); Kansas, 1 (100-249); South Atlantic—North Carolina, 4 (1,099); South Carolina, 1 (1-19); Georgia, 2 (250-499); East South Central—Kentucky, 2 (20-99); Tennessee, 5 (500-999); Alabama, 2 (500-999); West South Central—Arkansas, 3 (250-499); Louisiana, 1 (20-99); Oklahoma, 2 (100-249); West—Oregon, 4 (20-99); California, 3 (20-99).

SIC 2381, Pt. 02, Fabric Dress and Work Gloves, "Manufacturers": New England—Maine, 1 (1-19); Vermont, 1 (100-249); Massachusetts, 1 (20-99); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 4 (250-499); Pennsylvania, 11 (250-499); East North Central—Indiana, 11 (500-999); Illinois, 11 (1,000-2,499); Michigan, 9 (100-249); West North Central—Minnesota, 4 (100-249); Iowa, 7 (250-499); Nebraska, 1 (1-19); Kansas, 1 (100-249); South Atlantic—North Carolina, 4 (1,099); South Carolina, 1 (1-19); Georgia, 2 (250-499); East South Central—Kentucky, 2 (20-99); Tennessee, 5 (500-999); Alabama, 2 (500-999); West South Central—Arkansas, 3 (250-499); Louisiana, 1 (20-99); Oklahoma, 2 (100-249); West—Oregon, 4 (20-99); California, 3 (20-99).

SIC 2384, Robes and Dressing Gowns: New England—Maine, 1 (250-499); Rhode Island, 4 (20-99); Connecticut, 3 (100-249); North Central—Illinois, 7 (250-499); Missouri, 2 (20-99); South—Virginia, 1 (20-99); North Carolina, 1 (100-249); South Carolina, 9 (500-999); Florida, 3 (20-99); Alabama, 2 (250-499); Mississippi, 1 (250-499); Arkansas, 1 (20-99); West—Arizona, 1 (1-19); California, 10 (250-499).

SIC 2384, Pt. 02, Robes and Dressing Gowns, "Manufacturers": New England—Maine, 1 (250-499); Massachusetts, 8 (500-999); Rhode Island, 3 (20-99); Connecticut, 2 (100-249); Middle Atlantic—Pennsylvania, 4 (500-999); North Central—Illinois, 6 (250-499); Missouri, 2 (100-249); South—Delaware, 13 (500-999); North Carolina, 1 (100-249); South Carolina, 2 (100-249); Georgia, 8 (250-499); Florida, 3 (20-99); Mississippi, 1 (250-499); Arkansas, 1 (20-99); West—Arizona, 1 (1-19); California, 8 (250-499).

SIC 2384, Pt. 03, Robes and Dressing Gowns, "Jobbers": Northeast—New Jersey, 1 (100-249); Pennsylvania, 2 (100-249); North Central—Illinois, 1 (1-19); South—South Carolina, 2 (20-99); West—California, 2 (1-19).

SIC 2384, Pt. 04, Robes and Dressing Gowns, "Contractors": Northeast—Massachusetts, 5 (100-249); Rhode Island, 1 (20-99); Connecticut, 1 (1-19); New Jersey, 11 (250-499); Pennsylvania, 14 (500-999); South—Virginia, 1 (20-99); South Carolina, 5 (250-499); Georgia, 1 (20-99); Alabama, 2 (250-499).

SIC 2385, Waterproof Outergarments: New England—Rhode Island, 3 (100-249); Connecticut, 2 (100-249); North Central—Indiana, 2 (500-999); Illinois, 3 (20-99); Michigan, 3 (20-99); Iowa, 1 (1-19); Missouri, 2 (20-99); South—Maryland, 3 (250-499); Virginia, 1 (1-19); Florida, 1 (1-19); Alabama, 1 (250-499); Mississippi, 1 (1-19); Texas, 1 (20-99); West—Colorado, 1 (1-19); Washington, 3 (20-99); Oregon, 3 (20-99).

SIC 2385, Pt. 02, Waterproof Outergarments, "Manufacturers": Northeast—Rhode Island, 2 (100-249); Connecticut, 2 (100-249); New Jersey, 9 (500-999); Pennsylvania, 2 (100-249); North Central—Indiana, 2 (500-999); Illinois, 3 (20-99); Michigan, 1 (1-19); Iowa, 1 (1-19); South—Maryland, 2 (250-499); Virginia, 1 (1-19); Florida, 1 (1-19); Mississippi, 1 (1-19); Texas, 1 (50-99); West—Colorado, 1 (1-19); Washington, 3 (20-99); Oregon, 3 (20-99).

SIC 2385, Pt. 03, Waterproof Outergarments, "Jobbers": Northeast—Massachusetts, 3 (1-19); Rhode Island, 1 (1-19); Michigan, 1 (50-99).

SIC 2385, Pt. 04, Waterproof Outergarments, "Contractors": Northeast—Massachusetts, 18 (500-999); New Jersey, 8 (250-499); Pennsylvania, 4 (250-499); North Central—Michigan, 2 (20-99); Missouri, 2 (20-99); South—Maryland, 1 (100-249); Alabama, 1 (250-499).

SIC 2386, Leather and Sheeplined Clothing: New England—New Hampshire, 1 (20-99); Massachusetts, 15 (500-999); Connecticut, 4 (250-499); Middle Atlantic—New Jersey, 21 (500-999); Pennsylvania, 2 (250-499); East North Central—Ohio, 1 (100-249); Indiana, 1 (1-19); Illinois, 9 (20-99); Michigan, 1 (1-19); Wisconsin, 2 (20-99); West North Central—Minnesota, 3 (20-99); Iowa, 1 (20-99); Missouri, 6 (100-249); Nebraska, 1 (1-19); South—Tennessee, 1 (100-249); Oklahoma, 2 (20-99); Texas, 1 (1-19); Mountain—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 2 (1-19); New Mexico, 1 (20-99); Arizona, 3 (20-99); Utah, 1 (20-99); Pacific—Washington, 1 (1-19); California, 12 (250-499);

SIC 2386, Pt. 02, Leather and Sheeplined Clothing, "Manufacturers": Northeast—Massachusetts, 13 (500-999); Connecticut, 1 (100-249); New Jersey, 11 (250-499); Pennsylvania, 2 (250-499); North Central—Ohio, 1 (100-249); Indiana, 1 (1-19); Illinois, 19 (20-99); Michigan, 1 (1-19); Wisconsin, 2 (20-99); Minnesota, 3 (20-99); Iowa, 1 (20-99); Missouri, 6 (100-249); Nebraska, 1 (1-19); South—Tennessee, 1 (100-249); Oklahoma, 2 (20-99); Texas, 1 (1-19); West—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 1 (1-19); New Mexico, 1 (20-99); Arizona, 3 (20-99); Utah, 1 (20-99); Washington, 1 (1-19).

SIC 2386, Pt. 03, Leather and Sheeplined Clothing, "Jobbers": Middle Atlantic—New York, 5 (20-99); New Jersey, 1 (1-19).

SIC 2386, Pt. 04, Leather and Sheeplined Clothing, "Contractors": Northeast—New Hampshire, 1 (20-99); Massachusetts, 2 (20-99); Connecticut, 3 (100-249); New York, 13 (100-249); New Jersey, 9 (250-499); West—Colorado, 1 (1-19).

SIC 2387, Apparel Belts: New England—Maine, 1 (1-19); Rhode Island, 2 (1-19); North Central—Ohio, 4 (100-249); Indiana, 1 (1-19); Michigan, 1 (1-19); Wisconsin, 3 (20-99); Missouri, 2 (50-99); South—Maryland, 4 (20-99); Virginia, 1 (1-19); North Carolina, 1 (1-19); Georgia, 2 (20-99); Florida, 2 (20-99); West South Central—Louisiana, 4 (1-19); Oklahoma, 3 (20-99); West—Colorado, 3 (20-99); Arizona, 1 (20-99); California, 35 (250-499).

SIC 2387, Pt. 02, Apparel Belts, "Manufacturers": Northeast—Maine, 1 (1-19); Rhode Island, 2 (1-19); New Jersey, 8 (250-499); Pennsylvania, 19 (1,000-1,499); North Central—Ohio, 4 (100-249); Indiana, 1 (1-19); Michigan, 1 (1-19); Wisconsin, 3 (20-99); Missouri, 2 (50-99); South—Maryland, 4 (20-99); Virginia, 1 (1-19); North Carolina, 1 (1-19); Georgia, 2 (20-99); Florida, 1 (1-19); Louisiana, 4 (1-19); Louisiana, 4 (1-19); Louisiana, 4 (1-19); Oklahoma, 3 (20-99); Texas, 11 (500-999); West—Colorado, 3 (20-99); Arizona, 1 (20-99); California, 29 (249-499).

SIC 2389, Apparel, NEC: New England—New Hampshire, 1 (100-249); Massachusetts, 15 (250-499); Connecticut, 3 (20-99); East North Central—Ohio, 11 (250-499); Indiana, 2 (1-19); Michigan, 2 (20-99); Wisconsin, 5 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 3 (20-99); Nebraska, 2 (20-99); Kansas, 1 (1-19); South—Virginia, 1 (1-19); West Virginia, 1 (1-19); North Carolina, 3 (250-499); South Carolina, 3 (100-249); Georgia, 3 (20-99); Florida, 3 (20-99); Alabama, 1 (1-19); Mississippi, 1 (20-99); Louisiana, 4 (20-99); Texas, 5 (20-99).

SIC 2389, Pt. 02, Apparel, NEC, "Manufacturers": New England—New Hampshire, 1 (100-249); Massachusetts, 14 (250-499); Connecticut, 2 (20-99); East North Central—Ohio, 11 (250-499); Indiana, 2 (1-19); Michigan, 2 (20-99); Wisconsin, 5 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 3 (20-99); Nebraska, 2 (20-99); Kansas, 1 (1-19); South—Virginia, 1 (1-19); West Virginia, 1 (1-19); North Carolina, 3 (250-499); South Carolina, 3 (100-249); Georgia, 3 (20-99); Florida, 3 (20-99); Alabama, 1 (1-19); Mississippi, 1 (20-99); Louisiana, 4 (20-99); Texas, 4 (1-19).

SIC 2389, Pt. 03, Apparel, NEC, "Jobbers": New England—Massachusetts, 1 (20-99); Middle Atlantic—New Jersey, 2 (1-19); Pennsylvania, 1 (1-19); North Central—Illinois, 1 (1-19); West South Central—Louisiana, 2 (1-19).

SIC 2389, Pt. 04, Apparel, NEC, "Contractors": Northeast—Connecticut, 1 (1-19); New Jersey, 13 (200-499); Pennsylvania, 4 (100-249); North Central—Illinois, 1 (1-19); South—Texas, 1 (1-19).

<sup>2</sup>Less than \$100 thousand.

<sup>3</sup>This State or region was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>The 1954 data for industries in Group 238 include 9 establishments with 1,132 employees, and an unadjusted value added by manufacture of \$4,529 thousand which are not included in the separate totals for "Manufacturers," "Jobbers," or "Contractors."

<sup>5</sup>See footnote 8 of table 1.

<sup>6</sup>State and regional data for "Jobbers" and "Contractors" are not shown in order to avoid disclosing figures for individual companies.

<sup>7</sup>See footnote 15 of table 1.



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Fur goods (SIC 2371)	Fabric dress and work gloves (SIC 2381)				Robes and dressing gowns (SIC 2384)				Waterproof outer garments (SIC 2385)			
		Total	Manufacturers (2381-02)	Jobbers (2381-03)	Contractors (2381-04)	Total	Manufacturers (2384-02)	Jobbers (2384-03)	Contractors (2384-04)	Total	Manufacturers (2385-02)	Jobbers (2385-03)	Contractors (2385-04)
Primary product specialization ratio <sup>1</sup> .....	99	94	(NA)	(NA)	(NA)	93	(NA)	(NA)	(NA)	90	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	100	84	(NA)	(NA)	(NA)	96	(NA)	(NA)	(NA)	90	(NA)	(NA)	(NA)
Number of establishments, total.....	1,651	228	187	12	29	278	110	47	121	277	149	37	91
With 1-19 employees.....	1,573	98	69	11	18	123	45	31	47	141	88	31	22
With 20-99 employees.....	76	85	75	...	10	132	51	13	68	108	39	6	63
With 100 employees or more.....	2	45	43	1	1	23	14	3	6	28	22	...	6
Proprietors and working partners.....Number...	1,280	116	95	5	16	218	79	24	115	127	61	6	60
All employees:													
Number (average for the year).....	9,355	13,941	13,023	262	656	10,625	5,252	1,218	4,155	13,159	8,709	475	3,975
Payroll.....\$1,000...	50,454	32,870	30,571	807	1,492	30,461	15,771	5,326	9,364	43,114	28,349	3,215	11,550
Production workers:													
Number (average for the year).....	7,944	12,641	11,825	213	603	9,258	4,550	793	3,915	11,315	7,479	126	3,710
March.....	6,557	12,959	(NA)	(NA)	(NA)	8,575	(NA)	(NA)	(NA)	10,751	(NA)	(NA)	(NA)
May.....	7,813	11,776	(NA)	(NA)	(NA)	8,758	(NA)	(NA)	(NA)	10,718	(NA)	(NA)	(NA)
August.....	8,814	12,666	(NA)	(NA)	(NA)	9,374	(NA)	(NA)	(NA)	11,970	(NA)	(NA)	(NA)
November.....	9,259	13,163	(NA)	(NA)	(NA)	10,322	(NA)	(NA)	(NA)	11,822	(NA)	(NA)	(NA)
Man-hours.....1,000...	13,648	21,871	20,438	440	993	15,975	7,818	1,569	6,588	20,202	13,502	256	6,444
January-March.....do....	2,603	5,566	(NA)	(NA)	(NA)	3,602	(NA)	(NA)	(NA)	4,639	(NA)	(NA)	(NA)
April-June.....do....	3,298	5,251	(NA)	(NA)	(NA)	3,790	(NA)	(NA)	(NA)	4,946	(NA)	(NA)	(NA)
July-September.....do....	3,750	5,293	(NA)	(NA)	(NA)	4,079	(NA)	(NA)	(NA)	5,244	(NA)	(NA)	(NA)
October-December.....do....	3,997	5,761	(NA)	(NA)	(NA)	4,504	(NA)	(NA)	(NA)	5,373	(NA)	(NA)	(NA)
Wages.....\$1,000...	41,715	27,180	25,325	574	1,281	22,754	11,562	2,663	8,529	32,217	21,036	692	10,489
Cost of materials, etc., total.....do....	187,011	64,307	58,236	5,511	560	76,203	36,307	38,755	1,141	73,933	45,447	26,498	1,988
Materials, parts, containers, and supplies consumed.....do....	177,500	52,882	49,548	2,828	506	60,524	32,554	27,367	603	57,700	40,141	15,779	1,780
Cost of resales.....do....	4,338	5,552	5,369	158	25	113	111	2	...	1,462	1,300	126	36
Fuels consumed.....do....	284	229	210	5	14	121	87	4	30	230	179	14	37
Electricity purchased.....do....	873	320	296	13	11	293	140	57	96	441	315	43	83
Contract work.....do....	4,016	5,324	2,813	2,507	4	15,152	3,415	11,325	412	14,100	3,512	10,536	52
Value of production (including resales), total.....do....	281,335	118,749	108,495	7,364	2,890	132,671	65,711	53,344	13,616	146,175	94,536	35,146	16,493
Value of resales.....do....	6,026	7,892	7,677	187	28	123	120	3	...	1,758	1,579	139	40
Value added by manufacture, adjusted.....do....	95,411	53,930	49,942	1,760	2,228	56,442	29,399	14,497	12,546	73,070	49,202	8,960	14,908
Manufacturers' inventories:													
Beginning of year, total.....do....	41,987	29,540	27,519	1,668	353	12,204	6,922	4,953	329	16,944	13,819	2,772	353
Finished products.....do....	26,569	16,250	15,881	261	108	4,842	2,817	1,916	109	8,071	6,579	1,415	77
Work-in-process.....do....	4,761	6,441	4,994	1,303	144	1,749	661	1,088	...	3,345	2,814	398	133
Materials, supplies, fuel, etc.....do....	10,657	6,849	6,644	104	101	5,613	3,444	1,949	220	5,528	4,426	959	143
End of year, total.....do....	43,227	26,634	24,916	1,562	156	12,470	7,236	4,771	463	17,541	13,231	3,450	860
Finished products.....do....	26,940	13,912	13,578	252	82	4,793	2,809	1,859	125	8,028	6,194	1,655	179
Work-in-process.....do....	5,477	5,929	4,677	1,210	42	1,723	656	996	71	4,173	2,927	710	536
Materials, supplies, fuel, etc.....do....	10,810	6,793	6,661	100	32	5,954	3,771	1,916	267	5,340	4,110	1,085	145
Expenditures for plant and equipment, total.....do....	2,832	684	636	34	14	506	240	72	194	1,017	657	152	208
New, total.....do....	2,644	556	(NA)	(NA)	(NA)	459	(NA)	(NA)	(NA)	958	(NA)	(NA)	(NA)
New structures and additions to plant.....do....	400	69	(NA)	(NA)	(NA)	164	(NA)	(NA)	(NA)	79	(NA)	(NA)	(NA)
New machinery and equipment.....do....	2,244	487	(NA)	(NA)	(NA)	295	(NA)	(NA)	(NA)	879	(NA)	(NA)	(NA)
Used plant and equipment.....do....	188	128	(NA)	(NA)	(NA)	47	(NA)	(NA)	(NA)	59	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 3.—Detailed Statistics for the United States: 1958—Continued

(For explanation of column captions, see Introduction)

Item	Leather and sheepskin clothing (SIC 2386)				Apparel belts, SIC 2387				Apparel, nec (SIC 2389)			
	Total	Manufac- turers (2386-02)	Jobbers (2386-03)	Contract- ors (2386-04)	Total	Manufac- turers (2387-02)	Jobbers (2387-03)	Contract- ors (2387-04)	Total	Manufac- turers (2389-02)	Jobbers (2389-03)	Contract- ors (2389-04)
Primary product specialization ratio <sup>1</sup> .....	94	(NA)	(NA)	(NA)	92	(NA)	(NA)	(NA)	91	(NA)	(NA)	(NA)
Coverage ratio <sup>2</sup> .....	91	(NA)	(NA)	(NA)	95	(NA)	(NA)	(NA)	84	(NA)	(NA)	(NA)
Number of establishments, total.....	154	119	6	29	455	362	4	89	309	248	26	35
With 1-19 employees.....	83	66	6	11	311	243	3	65	216	176	20	20
With 20-99 employees.....	61	43	...	18	128	103	1	24	77	57	6	14
With 100 employees or more.....	10	10	...	...	16	16	...	...	16	15	...	1
Proprietors and working partners.....Number...	99	86	...	13	283	219	5	59	207	160	16	31
All employees:												
Number (average for the year).....	4,626	3,739	60	827	10,150	8,722	52	1,376	7,525	6,224	363	938
Payroll.....\$1,000...	16,166	13,117	381	2,668	31,801	27,667	182	3,952	23,087	19,484	1,510	2,093
Production workers:												
Number (average for the year).....	4,037	3,254	10	773	8,498	7,208	43	1,247	6,135	5,179	87	869
March.....	3,597	(NA)	(NA)	(NA)	8,461	(NA)	(NA)	(NA)	5,970	(NA)	(NA)	(NA)
May.....	3,809	(NA)	(NA)	(NA)	8,416	(NA)	(NA)	(NA)	6,157	(NA)	(NA)	(NA)
August.....	4,298	(NA)	(NA)	(NA)	8,580	(NA)	(NA)	(NA)	6,184	(NA)	(NA)	(NA)
November.....	4,444	(NA)	(NA)	(NA)	8,535	(NA)	(NA)	(NA)	6,229	(NA)	(NA)	(NA)
Man-hours.....1,000...	7,488	5,977	19	1,492	15,441	13,154	85	2,202	11,012	9,288	160	1,564
January-March.....do....	1,542	(NA)	(NA)	(NA)	3,877	(NA)	(NA)	(NA)	2,689	(NA)	(NA)	(NA)
April-June.....do....	1,767	(NA)	(NA)	(NA)	3,784	(NA)	(NA)	(NA)	2,818	(NA)	(NA)	(NA)
July-September.....do....	2,051	(NA)	(NA)	(NA)	3,837	(NA)	(NA)	(NA)	2,695	(NA)	(NA)	(NA)
October-December.....do....	2,128	(NA)	(NA)	(NA)	3,943	(NA)	(NA)	(NA)	2,810	(NA)	(NA)	(NA)
Wages.....\$1,000...	12,410	9,966	40	2,404	22,503	19,178	117	3,208	16,168	14,017	242	1,909
Cost of materials, etc., total.....do....	38,374	31,627	6,240	507	46,164	41,590	2,069	2,505	53,250	37,293	15,418	539
Materials, parts, containers, and supplies consumed.....do....	34,021	29,344	4,248	429	39,993	36,388	1,244	2,361	43,145	33,406	9,520	444
Cost of resales.....do....	1,126	1,063	...	63	4,267	4,246	...	21	3,338	1,406	1,923	9
Fuels consumed.....do....	62	61	...	1	126	123	...	3	104	95	4	5
Electricity purchased.....do....	139	97	28	14	393	333	2	58	283	229	31	24
Contract work.....do....	3,026	1,062	1,964	...	1,385	500	823	62	6,380	2,383	3,940	57
Value of production (including resales), total.....do....	65,734	53,903	8,008	3,823	99,053	86,867	3,815	8,371	94,904	70,855	20,130	3,919
Value of resales.....do....	1,462	1,397	...	65	5,878	5,853	...	25	4,310	1,799	2,497	14
Value added by manufacture, adjusted.....do....	27,847	22,631	1,873	3,343	53,726	46,120	1,743	5,863	41,262	33,298	4,588	3,376
Manufacturers' inventories:												
Beginning of year, total.....do....	7,054	6,660	321	73	12,686	11,228	416	1,042	19,212	14,687	4,406	119
Finished products.....do....	3,252	3,108	129	15	6,211	5,477	1	733	9,709	6,850	2,839	20
Work-in-process.....do....	1,092	944	117	31	2,116	1,788	306	22	3,841	2,970	800	71
Materials, supplies, fuel, etc.....do....	2,710	2,608	75	27	4,359	3,963	109	287	5,662	4,867	767	28
End of year, total.....do....	7,701	7,052	532	117	12,186	11,106	409	671	18,098	14,157	3,825	116
Finished products.....do....	3,235	3,020	192	23	4,905	4,475	1	429	9,379	6,798	2,560	21
Work-in-process.....do....	1,579	1,299	222	58	2,953	2,631	303	19	3,449	2,706	676	67
Materials, supplies, fuel, etc.....do....	2,887	2,733	118	36	4,328	4,000	105	223	5,270	4,653	589	28
Expenditures for plant and equipment, total.....do....	504	484	5	15	885	821	...	64	559	484	25	50
New, total.....do....	338	(NA)	(NA)	(NA)	816	(NA)	(NA)	(NA)	517	(NA)	(NA)	(NA)
New structures and additions to plant.....do....	63	(NA)	(NA)	(NA)	172	(NA)	(NA)	(NA)	142	(NA)	(NA)	(NA)
New machinery and equipment.....do....	275	(NA)	(NA)	(NA)	644	(NA)	(NA)	(NA)	375	(NA)	(NA)	(NA)
Used plant and equipment.....do....	166	(NA)	(NA)	(NA)	69	(NA)	(NA)	(NA)	42	(NA)	(NA)	(NA)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>1</sup>Revised.

NA Not available.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2371	Fur Goods:											
	Number of establishments.....	1,651	1,060	351	162	65	11	2	...	...	...	...
	All employees:											
	Number.....	9,355	2,088	2,250	2,098	1,929	990	(D)	...	...	...	...
	Payroll.....\$1,000..	50,454	8,696	11,732	11,833	12,137	<u>6,065</u>	(D)	...	...	...	...
	Value added, adjusted..do....	95,411	23,697	21,092	21,431	20,277	<u>8,914</u>	(D)	...	...	...	...
	Value of production....do....	281,335	63,898	69,518	65,434	55,474	<u>27,011</u>	(D)	...	...	...	...
	Capital expend., new...do....	2,644	1,612	455	423	121	( <sup>1</sup> )	(D)	...	...	...	...
2381	Fabric Dress and Work Gloves: <sup>2</sup>											
	Number of establishments.....	228	46	24	28	47	38	35	r <sub>8</sub>	r <sub>2</sub>	...	...
	All employees:											
	Number.....	13,941	78	169	397	1,502	2,627	5,322	<u>3,846</u>	(D)	...	...
	Payroll.....\$1,000..	32,870	205	433	1,087	3,318	6,059	12,297	<u>9,471</u>	(D)	...	...
	Value added, adjusted..do....	53,930	873	1,267	1,753	4,651	8,869	20,995	<u>15,522</u>	(D)	...	...
	Value of production....do....	118,749	2,366	2,712	4,828	10,311	20,322	44,004	<u>34,206</u>	(D)	...	...
	Capital expend., new...do....	556	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	177	<u>200</u>	(D)	...	...
2381	Manufacturers:											
Pt. 02	Number of establishments.....	187	28	17	24	42	33	33	r <sub>8</sub>	r <sub>2</sub>	...	...
	All employees:											
	Number.....	13,023	40	116	348	1,379	<u>7,294</u>	(D)	<u>3,846</u>	(D)	...	...
	Payroll.....\$1,000..	30,571	100	272	954	3,074	<u>16,700</u>	(D)	<u>9,471</u>	(D)	...	...
	Value added, adjusted..do....	49,942	375	888	1,392	4,373	<u>27,392</u>	(D)	<u>15,522</u>	(D)	...	...
	Value of production....do....	108,495	570	1,529	3,402	9,955	<u>58,833</u>	(D)	<u>34,206</u>	(D)	...	...
2384	Robes and dressing gowns:											
	Number of establishments.....	278	36	37	50	105	27	20	3	...	...	...
	All employees:											
	Number.....	10,625	81	249	722	3,345	1,860	3,425	943	...	...	...
	Payroll.....\$1,000..	30,461	335	900	2,142	9,598	4,891	10,030	2,565	...	...	...
	Value added, adjusted..do....	56,442	1,306	2,618	4,453	18,462	8,679	17,015	3,909	...	...	...
	Value of production....do....	132,671	5,104	7,363	13,043	44,005	14,871	41,112	7,173	...	...	...
	Capital expend., new...do....	459	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	153	( <sup>1</sup> )	127	( <sup>1</sup> )	...	...	...
2384	Manufacturers:											
Pt. 02	Number of establishments.....	110	16	19	10	38	13	11	3	...	...	...
	All employees:											
	Number.....	5,252	37	126	145	1,153	932	1,916	943	...	...	...
	Payroll.....\$1,000..	15,771	154	450	369	3,333	2,841	6,059	2,565	...	...	...
	Value added, adjusted..do....	29,399	293	1,162	726	6,944	6,023	10,342	3,909	...	...	...
	Value of production....do....	65,711	1,186	3,700	1,335	15,580	12,119	24,618	7,173	...	...	...
2384	Jobbers:											
Pt. 03	Number of establishments.....	47	11	8	12	13	...	3	...	...	...	...
	All employees:											
	Number.....	1,218	23	51	160	422	...	562	...	...	...	...
	Payroll.....\$1,000..	5,326	128	271	906	2,428	...	1,593	...	...	...	...
	Value added, adjusted..do....	14,497	829	1,150	2,508	6,311	...	3,699	...	...	...	...
	Value of production....do....	53,344	3,680	3,344	10,432	22,861	...	13,027	...	...	...	...
2384	Contractors:											
Pt. 04	Number of establishments.....	121	9	10	28	54	14	6	...	...	...	...
	All employees:											
	Number.....	4,155	21	72	417	1,770	928	947	...	...	...	...
	Payroll.....\$1,000..	9,364	53	179	867	3,837	2,050	2,378	...	...	...	...
	Value added, adjusted..do....	12,546	184	306	1,219	5,207	2,656	2,974	...	...	...	...
	Value of production....do....	13,616	238	319	1,276	5,564	2,752	3,467	...	...	...	...
2385	Waterproof outergarments:											
	Number of establishments.....	277	44	32	65	69	39	18	8	2	...	...
	All employees:											
	Number.....	13,159	102	197	977	2,371	2,537	2,767	<u>4,208</u>	(D)	...	...
	Payroll.....\$1,000..	43,114	366	763	3,444	7,533	8,176	8,991	<u>13,841</u>	(D)	...	...
	Value added, adjusted..do....	73,070	1,204	2,293	7,110	11,742	11,909	14,645	<u>24,167</u>	(D)	...	...
	Value of production....do....	146,175	4,267	6,471	20,720	21,157	20,750	28,318	<u>44,492</u>	(D)	...	...
	Capital expend., new...do....	955	( <sup>1</sup> )	( <sup>1</sup> )	147	152	142	240	<u>176</u>	(D)	...	...
2385	Manufacturers:											
Pt. 02	Number of establishments.....	149	26	19	43	22	17	13	7	2	...	...
	All employees:											
	Number.....	8,709	51	113	638	766	1,123	<u>6,018</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	28,349	150	274	1,880	2,155	3,403	<u>20,487</u>	(D)	(D)	...	...
	Value added, adjusted..do....	49,202	484	843	3,309	3,694	4,961	<u>35,911</u>	(D)	...	...	...
	Value of production....do....	94,536	741	1,405	6,397	6,945	9,995	<u>69,053</u>	(D)	...	...	...

See footnotes at end of table.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958—Continued

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2385 Pt. 03	Jobbers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	37 475 3,215 8,960 35,146	11 33 175 595 3,392	10 63 449 1,388 4,996	10 139 924 2,947 13,374	4 240 1,667 4,030 13,384	2 (D) (D) (D) (D)	...	...	...	...	...
2385 Pt. 04	Contractors: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	91 3,975 11,550 14,908 16,493	7 18 41 125 134	3 21 40 62 70	12 200 640 854 949	43 2,779 8,484 10,966 11,583	20 (D) (D) (D) (D)	5 957 2,345 2,901 3,757	1 (D) (D) (D) (D)	...	...	...
2386	Leather and sheeplined clothing: <sup>2</sup> Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do.... Capital expend., new...do....	154 4,626 16,166 27,847 65,734 338	37 75 205 452 1,633 (1)	21 139 412 997 3,006 (1)	25 348 1,203 3,723 10,512 (1)	38 1,212 4,571 7,546 14,965 (1)	23 1,519 4,885 8,209 15,765 (1)	10 1,333 4,890 6,920 19,853 (1)	...	...	...	...
2386 Pt. 02	Manufacturers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	119 3,739 13,117 22,631 53,903	33 69 195 401 1,159	14 90 255 608 1,239	19 264 789 2,001 4,420	27 864 3,423 6,093 13,238	16 1,119 3,565 6,608 13,994	10 1,333 4,890 6,920 19,853	...	...	...	...
2387	Apparel belts: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do.... Capital expend., new...do....	455 10,150 31,801 53,726 99,053 821	119 249 762 1,939 3,632 (1)	92 628 1,918 3,539 6,207 (1)	100 1,376 4,073 7,810 12,211 (1)	99 3,007 9,575 15,313 29,341 327	29 1,968 5,833 9,204 16,955 135	13 1,657 4,637 6,276 12,058 (1)	3 1,265 5,003 9,645 18,649 (1)	...	...	...
2387 Pt. 02	Manufacturers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	362 8,722 27,667 46,120 86,867	98 208 635 1,625 3,191	67 468 1,441 2,764 5,122	78 1,093 3,336 6,577 10,474	79 2,397 7,817 11,511 22,631	24 1,634 4,798 7,722 14,742	13 1,657 4,637 6,276 12,058	3 1,265 5,003 9,645 18,649	...	...	...
2389	Apparel, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do.... Capital expend., new...do....	309 7,525 23,087 41,262 94,904 517	101 199 610 1,799 4,748 109	64 432 1,202 2,064 5,389 (1)	51 712 2,368 4,691 12,578 (1)	46 1,410 4,287 9,477 23,659 (1)	31 2,077 5,890 9,420 20,108 (1)	13 1,874 6,311 9,176 20,217 110	3 821 2,419 4,635 8,205 (1)	...	...	...
2389 Pt. 02	Manufacturers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	248 6,224 19,484 33,298 70,855	82 158 406 1,420 2,632	55 366 1,008 1,767 4,272	39 556 1,765 3,179 6,582	34 1,033 3,202 5,980 12,209	23 3,290 10,684 16,317 36,955	12 (D) (D) (D) (D)	3 821 2,419 4,635 8,205	...	...	...
2389 Pt. 03	Jobbers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of production....do....	26 363 1,510 4,588 20,130	10 23 146 295 1,933	5 34 119 193 942	5 69 391 1,182 5,525	5 237 854 2,918 11,730	1 (D) (D) (D) (D)	...	...	...	...	...

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958—Continued

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2389	Contractors:											
Pt.	Number of establishments.....	35	9	4	7	7	7	1	...	...	...	...
04	All employees:											
	Number.....	938	18	32	87	801	(D)	(D)	...	...	...	...
	Payroll.....\$1,000..	2,093	58	75	212	1,748	(D)	(D)	...	...	...	...
	Value added, adjusted..do....	3,376	84	104	330	2,858	(D)	(D)	...	...	...	...
	Value of production....do....	3,919	183	175	471	3,090	(D)	(D)	...	...	...	...

<sup>1</sup>Less than \$100 thousand.

<sup>2</sup>Separate data are not shown for jobbers and contractors to avoid disclosing figures for individual companies.

Table 5A.—Industry-Production Analysis, Summary of Industry and Primary Product Production, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the production values of products representing the largest amount considered as primary to an industry. Frequently the establishment productions comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are made by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of production					Value of primary product production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. E Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. G Col. F (percent)
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
2371	Fur goods.....1958..	281,335	267,055	1,649	12,631	99	267,165	267,055	110	100
	.....1954..	238,347	214,952	1,354	22,041	99	215,536	214,952	584	100
2381	Fabric dress and work gloves <sup>3</sup> ...1958..	118,749	100,645	6,978	11,126	94	119,385	100,645	18,740	84
	.....1954..	109,718	(NA)	(NA)	6,988	( <sup>5</sup> )	115,589	(NA)	(NA)	(NA)
2384	Robes and dressing gowns.....1958..	132,671	111,206	8,085	13,380	93	116,087	111,206	4,881	96
	.....1954..	109,292	87,180	6,657	15,455	93	101,599	87,180	14,419	86
2385	Waterproof outer garments.....1958..	146,175	115,133	13,127	17,915	90	128,286	115,133	13,153	90
	.....1954..	121,165	94,122	12,157	14,886	89	116,572	94,122	22,450	81
2386	Leather sheeplined clothing.....1958..	65,734	56,920	3,645	5,169	94	62,720	56,920	5,800	91
	.....1954..	56,910	45,546	8,102	3,262	85	56,707	45,546	11,161	80
2387	Apparel belts <sup>2</sup> .....1958..	99,053	77,667	7,131	14,255	92	82,049	77,667	4,382	95
	.....1954..	112,368	89,329	7,673	15,366	92	95,007	89,329	5,678	94
2389	Apparel, nec <sup>4</sup> .....1958..	94,904	77,271	7,362	10,271	91	92,079	77,271	14,808	84
	.....1954..	84,389	(NA)	(NA)	12,720	( <sup>5</sup> )	82,661	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>The specialization ratio compares the given industry's production of its primary products to its total production of all products. (The primary products are listed in Tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total production of products primary to the given industry are made by establishments classified in that industry.

<sup>3</sup>See footnote 8 of table 1.

<sup>4</sup>These figures include the production of fabric gloves made in knitting mills (primary products of Industry 2259) as well as the production fabric gloves cut and sewed from purchased fabrics. See text for more detailed explanation.

<sup>5</sup>Over 90 percent.

<sup>6</sup>See footnote 15 of table 1.



Table 5B.—Industry-Product Analysis, Value of Production by Product Class and Industry,  
for the United States: 1958

(In thousands of dollars. The first column shows the total value of production of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of production of the primary products of the industry made by all manufacturing industries)

Prod. class code	Fur goods industry	Fur goods (SIC 2371)	Other industries		All industries		
	Total value of production.....	281,335	xxx		xxx		
23710	Fur goods.....	267,055	110		267,165		
	Secondary products.....	1,649	xxx		xxx		
	Miscellaneous receipts.....	12,631	xxx		xxx		
93000	Contract and commission receipts.....	3,962	xxx		xxx		
99989	Resales.....	6,026	xxx		xxx		
	Other miscellaneous receipts.....	2,643	xxx		xxx		
Prod. class code	Fabric dress and work gloves industry	Fabric dress and work gloves (SIC 2381)	Leather gloves (SIC 3151)	Knitting mills group (SIC 225)	Other industries	All industries	
	Total value of production.....	118,749	xxx	xxx	xxx	xxx	
2381	Fabric dress and work gloves.....	100,645	6,845	10,358	1,537	<sup>1</sup> 119,385	
23811	Fabric dress gloves and mittens.....	32,910	4,226	8,765	443	<sup>1</sup> 46,344	
23812	Fabric work gloves and mittens.....	67,735	2,619	1,593	1,094	<sup>1</sup> 73,041	
	Secondary products.....	6,978	xxx	xxx	xxx	xxx	
31510	Leather gloves.....	6,364	xxx	xxx	xxx	xxx	
	Other secondary products.....	614	xxx	xxx	xxx	xxx	
	Miscellaneous receipts.....	11,126	xxx	xxx	xxx	xxx	
99989	Resales.....	7,892	xxx	xxx	xxx	xxx	
	Other miscellaneous receipts, including contract and commission receipts.....	3,234	xxx	xxx	xxx	xxx	
Prod. class code	Robes and dressing gowns industry	Robes and dressing gowns (SIC 2384)		Other industries		All industries	
	Total value of production.....	132,671		xxx		xxx	
23840	Robes and dressing gowns.....	111,206		4,881		116,087	
	Secondary products.....	8,085		xxx		xxx	
23352	Dozen-priced dresses.....	3,916		xxx		xxx	
	Other secondary products.....	4,169		xxx		xxx	
	Miscellaneous receipts.....	13,380		xxx		xxx	
	Contract and commission receipts.....	13,028		xxx		xxx	
	Other including resales.....	352		xxx		xxx	
Prod. class code	Waterproof outer garments industry	Water-proof outer-garments (SIC 2385)	Men's and boys' suits and coats (SIC 2311)	Men's and boys' clothing, nec (SIC 2329)	Fabricated rubber products, nec (SIC 3069)	Other industries	All industries
	Total value of production.....	146,175	xxx	xxx	xxx	xxx	xxx
23850	Raincoats and other waterproof outer garments.....	115,133	4,467	2,143	2,003	4,540	128,286
	Secondary products.....	13,127	xxx	xxx	xxx	xxx	xxx
30698	Other rubber goods, nec.....	3,289	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	29,838	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	17,915	xxx	xxx	xxx	xxx	xxx
93090	Contract and commission receipts.....	16,028	xxx	xxx	xxx	xxx	xxx
99989	Resales.....	1,753	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	129	xxx	xxx	xxx	xxx	xxx

See footnotes at end of table.

Table 5B.--Industry-Product Analysis, Value of Production by Product Class and Industry,  
for the United States: 1958- Continued

Prod. class code	Leather and sheeplined clothing industry	Leather and sheeplined clothing (SIC 2386)	Other industries	All industries	
	Total value of production.....	65,734	xxx	xxx	
23860	Leather and sheeplined clothing.....	56,920	35,800	62,720	
	Secondary products.....	3,645	xxx	xxx	
	Miscellaneous receipts.....	5,169	xxx	xxx	
99989	Resales.....	1,462	xxx	xxx	
	Other miscellaneous receipts (mainly contract and commission receipts).....	3,707	xxx	xxx	
Prod. class code	Apparel belts industry	Apparel belts (SIC 2387)	Other industries	All industries	
	Total value of production.....	99,053	xxx	xxx	
2387	Apparel belts.....	77,667	4,382	82,049	
23871	Leather belts.....	45,662	2,424	48,086	
23872	Belts, other than leather.....	25,689	1,825	27,514	
23870	Apparel belts, nsk.....	6,316	133	6,449	
	Secondary products.....	47,131	xxx	xxx	
	Miscellaneous receipts.....	14,255	xxx	xxx	
99989	Resales.....	5,878	xxx	xxx	
93000	Contract and commission receipts.....	8,280	xxx	xxx	
	Other miscellaneous receipts.....	97	xxx	xxx	
Prod. class code	Apparel, nec, industry	Apparel, nec (SIC 2389)	Corsets and allied garments (SIC 2342)	Other industries	All industries
	Total value of production.....	94,904	xxx	xxx	xxx
23890	Apparel, nec.....	77,271	6,532	8,276	92,079
	Secondary products.....	7,362	xxx	xxx	xxx
	Miscellaneous receipts.....	10,271	xxx	xxx	xxx
93000	Contract and commission receipts.....	4,050	xxx	xxx	xxx
99989	Resales.....	4,310	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,911	xxx	xxx	xxx

<sup>1</sup>Gloves and mittens made by knitting mills (SIC Group 225) are coded as 2259--- products while fabric gloves and mittens made by all other industries are coded as 2381--- products. The 2259-- products have been included in order to show the total value of textile gloves and mittens made by all industries.

<sup>2</sup>Includes production of men's overcoats and topcoats (product class 23112) valued between \$1,500 thousand and \$2,000 thousand and women's, misses', and juniors' coats (product class 23371) valued between \$1,000 thousand and \$1,500 thousand.

<sup>3</sup>Includes \$1,399 thousand produced by Industry 2329, Men's and Boys' Clothing, NEC.

<sup>4</sup>Includes production of apparel, nec (product class 23890) valued at \$1,959 thousand and leather goods, nec (product class 31990) valued at \$1,429 thousand.



Table 6A.--Quantity and Value of Products, All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Total production <sup>1</sup>			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2371011	Fur coats, capes, jackets, neck pieces, fur linings, and other fur goods.....	xxx	267,165	xxx	215,536
2381--- 2259 pt }	Fabric dress and work gloves <sup>2</sup> .....	xxx	119,585	xxx	115,589
238111 22590 pt }	Fabric dress gloves and mittens.....	3,728	46,344	4,246	48,745
238111	Made in cut-and-sew shops.....	(NA)	37,579	(NA)	(NA)
22590 pt	Made in knitting mills.....	(NA)	8,765	(NA)	(NA)
238111 2259011 }	Leather-and-fabric combination.....	105	1,923	57	845
238111	Made in cut-and-sew shops.....	(NA)	1,546	(NA)	(NA)
2259011	Made in knitting mills.....	(NA)	377	(NA)	(NA)
2381131	Woven fabric.....	297	4,641	390	4,764
2381141 2259032 }	Men's and boys' knit or knitted fabric.....	<sup>3</sup> 429	3,423	347	3,061
2381141	Made in cut-and-sew shops.....	(NA)	570	(NA)	(NA)
2259032	Made in knitting mills.....	(NA)	2,853	(NA)	(NA)
2381145 2259042 }	Women's and misses' knit or knitted fabric.....	<sup>3</sup> 2,001	31,514	2,919	37,335
2381145	Made in cut-and-sew shops.....	(NA)	27,826	(NA)	(NA)
2259042	Made in knitting mills.....	(NA)	3,688	(NA)	(NA)
2381152 2259052 }	Children's and infants' textile gloves and mittens.....	896	4,843	533	2,740
2381152	Made in cut-and-sew shops.....	(NA)	2,996	(NA)	(NA)
2259052	Made in knitting mills.....	(NA)	1,847	(NA)	(NA)
2381212 22590 pt }	Fabric work gloves and mittens including leather-and-fabric combination.....	18,339	73,041	19,456	66,844
2381212	Made in cut-and-sew shops.....	(NA)	71,448	(NA)	(NA)
2259071	Made in knitting mills.....	(NA)	1,593	(NA)	(NA)
2384---	Robes and dressing gowns, except children's, total.....	xxx	116,087	xxx	<sup>4</sup> 101,599
2384011	Men's and boys' robes and dressing gowns, including smoking jackets.....	315	18,621	384	22,981
2384051	Women's, misses', and juniors' robes and dressing gowns: Tufted robes.....	188	7,734	257	8,896
2384053	Robes other than tufted.....	1,004	40,621	379	22,689
2384056	Cotton fabrics.....	622	21,650	136	6,377
2384058	Rayon and acetate fabrics.....	235	8,455	87	7,023
2384059	Nylon fabrics.....	116	8,098	66	4,857
	All other fabrics.....	31	2,418	90	4,432
	Women's, misses', and juniors' breakfast coats, brunch coats, and housecoats (excluding robes, negligees, and lounging pajamas).....	(NA)	30,793	948	42,678
2384071	Cotton fabrics.....	399	17,430	537	20,587
2384073	Rayon and acetate fabrics.....	36	1,996	150	8,248
2384075	Nylon fabrics.....	49	3,943	68	3,889
2384079	All other fabrics.....	49	3,403	193	9,954
2384070	Fabric, not specified.....	(NA)	4,021		
2384000	Robes and dressing gowns, nsk.....	xxx	18,318	xxx	4,355
2385---	Raincoats and other waterproof outer garments, total.....	xxx	128,286	xxx	116,572
	Raincoats and raincoats: Men's and boys'.....	(NA)	47,299	686	31,643
2385011	Plastic.....	(NA)	7,302	223	7,268
	Quantity reported.....	320	6,095	223	7,268
	Quantity not reported.....	xxx	1,207	xxx	...
2385013	Rubberized.....	285	12,642	225	10,912
2385015	Cotton gabardine, twill, and poplin (not coated).....	139	16,377	112	7,373
2385018	All other fabrics.....	166	10,978	126	6,090
	Women's, misses', and juniors'.....	(NA)	38,311	437	30,011
2385051	Plastic.....	(NA)	5,955	156	3,648
	Quantity reported.....	255	5,005	156	3,648
	Quantity not reported.....	xxx	950	xxx	...
2385055	Cotton gabardine, twill, and poplin (not coated).....	198	20,072	70	9,323
2385056	Rayon and acetate.....	46	5,171	167	11,245
2385058	All other fabrics.....	65	7,113	44	5,795
2385061	Girls', teen-age girls', and children's.....	72	2,980	93	3,529

Table 6A.—Quantity and Value of Products, All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total production			
		1958		1954	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2385---	Raincoats and other waterproof outer garments--Continued				
2385071	Baby pants and diaper covers, plastic and rubberized.....	6,076	17,648	4,391	18,623
2385076	Women's, misses', and children's aprons, smocks, and bibs, plastic and rubberized.....	703	2,607	1,146	4,246
2385098	All other waterproof outer garments, including dress shields, bathing caps, etc. (except oil, and rubber).....	xxx	8,363	xxx	3,448
2385000	Raincoats and other waterproof outergarments, nsk.....	xxx	11,078	xxx	25,072
2386---	Leather and sheep-lined clothing, total.....	xxx	62,720	xxx	56,707
	Leather coats and jackets:				
2386013	Men's.....	145	20,672	(NA)	32,631
	Quantity reported.....	145	20,672	180	29,927
	Quantity not reported.....	xxx	...	xxx	2,704
2386023	Boys's (sizes 4-20).....	42	4,947	89	10,321
2386053	Women's, misses', and juniors'.....	107	27,626	(NA)	10,011
	Quantity reported.....	107	27,626	55	7,984
	Quantity not reported.....	xxx	...	xxx	2,027
2386098	All other leather clothing and sheep-lined clothing.....	xxx	2,892	xxx	3,744
2386000	Leather and sheep-lined clothing, nsk.....	xxx	6,583	xxx	...
2387---	Apparel belts, total <sup>5</sup> .....	xxx	82,049	xxx	95,007
23871--	Leather belts (made for sale separately).....	xxx	48,086	xxx	52,669
2387111	Women's and children's.....	1,669	16,169	xxx	17,877
	Quantity reported.....	1,669	16,169	1,883	14,847
	Quantity not reported.....	xxx	...	xxx	3,030
2387151	Men's and boys'.....	3,152	29,903	3,689	34,792
2387100	Leather belts, nsk.....	xxx	2,014	xxx	...
23872--	Belts, other than leather.....	xxx	27,514	xxx	35,388
2387211	Women's and children's.....	6,851	19,719	14,734	30,128
2387251	Men's and boys'.....	710	5,978	844	5,260
2387200	Other belts, except leather, nsk.....	xxx	1,817	xxx	...
2387000	Apparel belts, nsk.....	xxx	6,449	xxx	6,950
2389---	Apparel, nec, total.....	xxx	92,079	xxx	82,661
2389011	Suspenders.....	(NA)	3,921	(NA)	7,678
2389021	Garters, hose supporters, and arm bands.....	(NA)	6,766	(NA)	5,254
2389071	Garter belts.....	753	8,900	635	8,423
	Handkerchiefs.....	(NA)	38,638	22,729	36,790
	Cotton handkerchiefs, except embroidered:				
2389051	Men's and boys'.....	13,943	20,274	14,539	19,717
2389055	Women's and children's.....	5,240	11,393	6,402	10,203
2389059	All other handkerchiefs.....	501	2,514	1,788	6,870
2389050	Handkerchiefs, nsk.....	(NA)	4,457	xxx	...
2389098	All other apparel, nec.....	xxx	33,854	xxx	24,516

NA Not available.

<sup>1</sup>Represents the total quantity and value of apparel items made by and for the reporting companies from their own materials. See text for more detailed explanation.<sup>2</sup>For 1958, the figures on value of production were collected in the Census of Manufactures while the quantity figures were obtained from the Annual Current Industrial Report MA23D, Gloves and Mittens. Detailed quantity figures on the production of fabric gloves and mittens are shown in table 6B. Figures represent thousands of dozen pairs.<sup>3</sup>For 1958, a small amount of the quantity of men's and boys' knit gloves is included in the quantity for women's and misses' knit gloves to avoid disclosing operations of individual companies in the Annual Current Industrial Report MA23D. See table 6B for additional detail.<sup>4</sup>Under the 1957 Standard Industrial Classification system, women's lounging pajamas, formerly included in this industry have been reclassified into Industry 2341, Women's and Children's Underwear.<sup>5</sup>Does not include belts made and sold as parts of garments.



Table 6B.—Production of Fabric Dress and Work Gloves and Mittens. 1958 and 1954

(In thousands of pairs)

Product	1958 <sup>1</sup>			1954 <sup>2</sup>		
	Total	Men's and boys'	Women's and children's	Total	Men's and boys'	Women's and children's
Dress and semi-dress gloves and mittens, except all leather, total.....	5,728	xxx	xxx	4,240	xxx	xxx
Leather-and-fabric combination.....	135	35	20	57	51	6
Men's, women's, and misses' all fabric, total.....	2,767	xxx	xxx	xxx	xxx	xxx
Knit fabric gloves (cut and sewn), total.....	1,702	xxx	xxx	2,584	xxx	xxx
Cotton fabrics, total.....	605	(D)	(D)	1,219	(D)	(D)
Warp knit.....	471	39	432	907	88	899
Circular knit.....	134	(D)	(D)	232	(D)	(D)
Nylon fabrics.....	1,077	5	1,072	1,130	12	1,118
Other knit fabrics, including wool and rayon.....	80	55	25	235	45	190
Seamless gloves and mittens, total.....	668	330	338	682	202	480
50 percent or more wool.....	522	318	204	682	202	480
50 percent or more man-made fibers.....	112	12	134			
Other fibers and mixtures, including cotton.....	34					
Woven fabric gloves and mittens.....	297	66	231	3,390	3,391	3,299
Children's and infants' (all fabrics).....	896	xxx	896	533	xxx	533
Work gloves and mittens, except all-leather, total.....	18,339	xxx	xxx	19,456	xxx	xxx
Leather-and-fabric combination.....	2,138	xxx	xxx	2,657	xxx	xxx
All-fabric, total.....	16,201	xxx	xxx	16,799	xxx	xxx
Canton flannel, total.....	9,701	(D)	(D)	11,771	11,147	624
Single.....	6,625	6,056	569	(4)	(4)	(4)
Double.....	2,538	2,517	21	1,063	1,059	4
Hot mill.....	420	420	...	374	374	...
All other canton flannel.....	118	(D)	(D)	*10,334	*9,714	*620
Fleeced cotton jersey.....	2,962	2,672	290	2,820	2,548	272
Circular knit cotton.....	2,233	827	1,406	1,204	592	612
Terry cloth.....	424	(D)	(D)	384	383	1
All other textile work gloves and mittens, including coated and partially coated fabrics.....	881	684	197	620	569	51

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Detailed data on gloves and mittens by material and type were collected in the Annual Current Industry Survey MA23D, Gloves and Mittens. The 1958 data were revised on the basis of information obtained from the 1959 report for this series.

<sup>3</sup> The 1954 figures from the 1954 Census of Manufactures were revised in the 1955 Annual Report MA23D, Gloves and Mittens, to include information which became available during the 1955 survey. In addition the 1954 quantity data were adjusted to include some production which was shown in the "not specified by kind" category in the Census of Manufactures.

<sup>4</sup> For 1954, a small amount of other dress gloves was included with woven dress gloves and mittens.

<sup>5</sup> For 1958, single canton flannel work gloves was included with all other canton flannel work gloves.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958

Code	Material	Unit of measure	Quantity	Delivered cost (\$1,000)
INDUSTRY 2384—ROBES AND DRESSING GOWNS				
	Materials, containers, supplies, etc., total.....		xxx	60,524
223113	} Broad-woven fabrics (piece goods).....	1,000 lin. yds.....	92,055	41,928
223114				
970099	All other materials, containers, and supplies, including knit fabrics.....		xxx	6,515
973000	Materials, containers, supplies, not specified by kind.....		xxx	12,081
INDUSTRY 2385—WATERPROOF OUTERGARMENTS				
	Materials, containers, supplies, etc., total.....		xxx	57,700
223113	} Broad-woven fabrics (piece goods).....	1,000 lin. yds.....	31,627	26,340
223114				
970099	All other materials, containers, and supplies.....		xxx	26,601
973000	Materials, containers, supplies, not specified by kind.....		xxx	4,759
INDUSTRY 2386—LEATHER AND SHEEPLINED CLOTHING				
	Materials, containers, supplies, etc., total.....		xxx	34,021
223113	} Broad-woven fabrics (piece goods).....	1,000 lin. yds.....	(NA)	3,639
223114				
311110	Finished leather.....	1,000 sq. ft.....	66,268	19,923
970099	All other materials, containers, and supplies.....		xxx	5,835
973000	Materials, containers, supplies, not specified by kind.....		xxx	4,624
INDUSTRY 2387—APPAREL BELTS				
	Materials, containers, supplies, etc., total.....		xxx	39,993
223113	} Broad-woven fabrics (piece goods).....	1,000 lin. yds.....	2,026	1,436
223114				
311110	Finished leather.....	1,000 sq. ft.....	22,616	12,004
970099	All other materials, containers, and supplies.....		xxx	17,445
973000	Materials, containers, supplies, not specified by kind.....		xxx	9,108
INDUSTRY 2389—APPAREL, NEC				
	Materials, containers, supplies, etc., total.....		xxx	43,145
223113	} Broad-woven fabrics (piece goods).....	1,000 lin. yds.....	53,333	18,779
223114				
970099	All other materials, containers, and supplies.....		xxx	12,999
973000	Materials, containers, supplies, not specified by kind.....		xxx	11,367

NA Not available.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958, is omitted for industries that have a high degree of primary product specialization and consist of only one product class, since the statistics for the specialized establishments would be approximately the same as those for the entire industry in table 3.



## Miscellaneous Fabricated Textile Products

This report shows 1958 Census of Manufactures statistics for establishments classified in the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2391--Curtains and Draperies
- 2392--Housefurnishings, Except Curtains and Draperies
- 2393--Textile Bags
- 2394--Canvas Products
- 2397--Schiffli Machine Embroideries
- 2398--Trimmings and Stitching
- 2399--Fabricated Textile Products, Not Elsewhere Classified

These establishments are engaged in the manufacture of fabricated textile products (other than apparel) from purchased fabrics. Textile mills producing fabricated textile products from material woven at the same establishment are classified in the appropriate weaving industry (Major Group 22). However, establishments that finish fabrics (bleach, dye, or print) and then further fabricate the fabrics into end products such as sheets are included in the appropriate 239 industry.

Jobbing establishments that purchase material and have it fabricated into finished products (other than apparel) by contractors are not classified as manufacturers but are included in the Census of Business (wholesale trade). However, the contracting plant is included as a manufacturer and classified based upon the product worked on. In reporting product statistics, contractors reported, where appropriate, the quantity of the product produced and the amount of commission receipts received. Therefore, the total production data shown in table 6A include production by contractors. Their commission receipts are shown in table 5B.

Some fabricated textile products are produced in establishments classified in retail or service industries, and which are not included in the Census of Manufactures. The value of products manufactured by these nonmanufacturing establishments was not obtained in the 1958 Censuses. Some examples of the types of products made by these establishments are curtains, draperies, bedspreads, slip covers, awnings, and automobile slip covers.

### 2391--Curtains and Draperies

This industry comprises establishments primarily engaged in manufacturing curtains and draperies from purchased materials. For a detailed list of products of Industry 2391, refer to table 6A, product codes 2391011 to 2391098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Curtains and Draperies Industry in 1958 totaled \$217 million. This included shipments of curtains and draperies, valued at \$184 million, shipments of other products, valued at \$7 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$26 million.

This industry's shipments of curtains and draperies in 1958 represented 96 percent of its total product shipments. The industry specialization ratio in 1954 was 94 percent. Secondary products shipped by this industry in 1958 consisted mainly of bedspreads, bedsets, and other housefurnishings.

Industry 2391 shipments of curtains and draperies in 1958 represented 92 percent of these products valued at \$199 million shipped by all industries. In 1954, the coverage ratio was 89 percent. The other industry shipping curtains and draperies consisted mainly of Industry 2392, Housefurnishings, N.E.C.

### 2392--Housefurnishings, Except Curtains and Draperies

This industry comprises establishments primarily engaged in manufacturing housefurnishings from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in Industry 2391. Establishments primarily producing housefurnishings from fabrics woven at the same establishment are classified in the appropriate weaving industry, generally Industry 2211, Weaving Mills, Cotton. For a detailed list of products of Industry 2392, refer to table 6A, product codes 2392621 to 2392098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Housefurnishings, N.E.C. Industry in 1958 totaled \$616 million. This included shipments of housefurnishings, except curtains and draperies, valued at \$511 million, shipments of other products, valued at \$67 million, and miscellaneous receipts (mainly from the resale of purchased products) of \$38 million.

This industry's shipments of housefurnishings in 1958 represented 88 percent of its total product shipments. The industry specialization ratio in 1954 was 91 percent. Secondary products shipped by this industry in 1958 consisted of a wide range of products, including curtains and draperies, \$10 million, and tufted carpets and rugs, \$3 million.

Industry 2392 shipments of housefurnishings, except curtains and draperies, in 1958 represented 58 percent of these products valued at \$881 million shipped by all industries.

However, included in the primary products of this industry are bedspreads and bedsets, sheets, pillowcases, towels, and wash cloths which are also primary to Industry 2211, Weaving Mills, Cotton, when such products are made at the weaving mill. A coverage ratio computed on the basis of including both industries to which these products are primary would total 88 percent; 58 percent by Industry 2392 and 30 percent by Industry 2211. The remaining 12 percent was shipped by establishments in other industries. The over-all coverage ratio for 1954 was 89 percent; 59 percent by Industry 2392 and 30 percent by Industry 2211.



2393-Textile Bags

This industry comprises establishments primarily engaged in manufacturing cotton, burlap, and other textile bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in Industry 2643. For a detailed list of products of Industry 2393, refer to table 6A, product codes 2393012 to 2393098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Textile Bags Industry in 1958 totaled \$204 million. This included shipments of textile bags, valued at \$148 million, shipments of other products, valued at \$31 million, and miscellaneous receipts of \$25 million.

This industry's shipments of textile bags in 1958 represented 83 percent of its total product shipments. The industry specialization ratio in 1954 was 84 percent. Secondary products shipped by this industry in 1958 consisted mainly of paper bags, \$22 million.

Industry 2393 shipments of textile bags in 1958 represented 85 percent of these products valued at \$175 million shipped by all industries. In 1954, the coverage ratio was also 85 percent. The other industry shipping textile bags consisted mainly of Industry 2643, Bags, Except Textile Bags.

2394-Canvas Products

This industry comprises establishments primarily engaged in manufacturing awnings, tents, and other canvas products from purchased canvas. Establishments primarily engaged in manufacturing canvas bags are classified in Industry 2393. For a detailed list of products of Industry 2394, refer to table 6A, product codes 2394011 to 2394098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Canvas Products Industry in 1958 totaled \$131 million. This included shipments of canvas products, valued at \$103 million, shipments of other products, valued at \$11 million, and miscellaneous receipts (mainly from the resale of purchased products) of \$17 million.

This industry's shipments of canvas products in 1958 represented 90 percent of its total product shipments. The industry specialization ratio in 1954 was 89 percent.

Industry 2394 shipments of canvas products in 1958 represented 90 percent of these products valued at \$114 million shipped by all industries. In 1954, the coverage ratio was 86 percent. Other industries shipping canvas products included Industry 2393, Textile Bags, \$3 million.

2397-Schiffli Machine Embroideries

This industry comprises establishments primarily engaged in manufacturing Schiffli machine embroideries. No detailed product statistics were collected for this industry and all Schiffli machine embroideries are included in table 6A, product code 2397012.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Schiffli Machine Embroideries Industry in 1958 totaled \$75 million. This included shipments of Schiffli machine embroideries, valued at \$51 million, shipments of other products, valued at less than \$1 million, and miscellaneous receipts (mainly for Schiffli machine embroidering on materials owned by others) of \$24 million.

This industry's shipments of Schiffli machine embroideries in 1958 represented 99 percent of its total product shipments. The industry specialization ratio in 1954 was 98 percent.

Industry 2397 shipments of Schiffli machine embroideries in 1958 represented 97 percent of these products valued at \$52 million shipped by all industries. In 1954 the coverage ratio was 99 percent.

2398-Trimnings and Stitching

This industry is a Census combination of S.I.C. Industries 2395 and 2396. The full S.I.C. definitions for these industries are:

2395-Pleating, Decorative, and Novelty Stitching, and Tucking for the Trade

This industry comprises establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in Industry 2396.

2396-Apparel Findings and Related Products

This industry comprises establishments primarily engaged in manufacturing apparel findings and trimmings.

For a detailed list of products for Census Industry 2396, refer to table 6A, product codes 2396116 to 2396931.

The two new S.I.C. industries defined above were considerably revised from the classification system previously used. New Industry 2395 was revised to include establishments primarily engaged in embroidering products other than Schiffli machine embroideries. These establishments were formerly classified in a separate industry, old S.I.C. 2398. In addition, establishments primarily producing stamped art goods and art needlework (formerly classified in old Industry 2396) were transferred to new Industry 2395.

New Industry 2396 was revised for stamped art goods and art needlework as indicated above. In addition, three other industries which were separate in the old classification system were combined in new Industry 2396. These old industries are: 2284, Hatters' Fur; 2312, Suit and Coat Findings; and 2326, Hat and Cap Materials.

In the 1958 Census, \$43 million of trimmings, stamped art goods, and art needlework were reported by a large number of establishments without any detailed product breakdown. Since establishments producing these products could be classified either in Industries 2395 or 2396 it was not feasible to develop separate industry data. Therefore, the two industries were combined into Census Industry 2398. New Industry 2398 is comparable to old S.I.C. Industries 2284, 2312, 2326, 2395, 2396, and 2398.



Value of shipments and other receipts of the Trimmings and Stitching Industry in 1958 totaled \$432 million. This included shipments of trimmings, findings, embroideries, etc., valued at \$392 million, shipments of other products, valued at \$18 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$22 million.

This industry's shipments of trimmings, findings, embroideries, etc., in 1958 represented 96 percent of its total product shipments.

Industry 2398 shipments of trimmings, findings, embroideries, etc., in 1958 represented 98 percent of these products valued at \$401 million shipped by all industries.

#### 2399—Fabricated Textile Products, N.E.C.

This industry comprises establishments primarily engaged in manufacturing fabricated textile products, n.e.c. For a detailed list of products of Industry 2399, refer to table 6A, product codes 2399012 to 2399098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system. Establishments primarily shrinking and sponging cloth, previously classified in old Industry 2399, are now classified in new In-

dustry 2231, Weaving and Finishing Mills, Wool. In addition, establishments primarily producing parachutes and formerly classified in old Industry 3729, Aircraft Parts and Auxiliary Equipment, N.E.C., are now included in Industry 2399.

The composition of Industry 2399, as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Value of shipments and other receipts of the Textile Products, N.E.C. Industry in 1958 totaled \$247 million. This included shipments of fabricated textile products, n.e.c., valued at \$198 million, shipments of other products, valued at \$26 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$23 million.

This industry's shipments of fabricated textile products, n.e.c., in 1958 represented 88 percent (specialization ratio) of its total product shipments.

Industry 2399 shipments of fabricated textiles, n.e.c., in 1958 represented 75 percent (coverage ratio) of these products valued at \$263 million shipped by all industries. Other industries shipping fabricated textiles included Industry 2392, Housefurnishings, N.E.C., \$6 million, and Industry 3842, Surgical Appliances and Supplies, \$7 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## MISCELLANEOUS FABRICATED TEXTILE PRODUCTS: SIC 239

Value Added by Manufacture by State: 1958



Includes Industries 2391, 2392, 2393, 2394, 2395, 2396, 2397 and 2399. See Table 2.

Bureau of the Census. M-58-D239



Table 1.—General Statistics for the United States, 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>2</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expend- itures, new	Spec- ial- ization ratio <sup>4</sup> (per- cent)	Cov- er- age ratio <sup>5</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2391 (old SIC 2391)	Curtains and draperies:														
	1958.....	759	783	206	16,366	48,403	14,141	26,814	36,923	87,273	130,865	217,029	1,861	96	92
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	15,102	42,193	12,972	24,028	30,917	71,979	127,836	198,740	(S)	93	93
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	15,534	41,404	13,342	24,024	30,288	68,533	130,917	196,917	962	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	15,132	38,804	13,056	23,702	28,344	68,007	(S)	(S)	1,284	(NA)	(NA)
	1954.....	697	716	182	13,988	36,899	12,350	22,976	27,304	63,816	117,359	180,180	1,208	94	89
	1947.....	379	397	109	7,982	17,081	6,928	(NA)	11,702	34,909	74,731	109,640	748	97	90
	1939 <sup>7</sup> .....	(NA)	327	(NA)	(NA)	(NA)	7,691	(NA)	5,310	13,653	32,825	46,478	(NA)	(NA)	(NA)
2392 (old SIC 2392)	Housefurnishings, nec:														
	1958.....	1,177	1,205	393	36,769	113,402	31,552	59,297	83,302	218,295	399,528	616,224	6,072	88	58
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	41,829	121,200	36,526	67,314	90,039	225,890	407,420	624,772	4,232	88	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	39,249	110,682	34,277	64,235	82,229	201,382	389,542	584,186	6,056	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	38,200	103,991	33,395	63,699	76,942	200,078	366,012	557,210	4,181	(NA)	(NA)
	1954 <sup>6</sup> .....	1,203	1,213	361	36,188	97,105	31,948	59,271	71,686	178,536	348,438	526,257	4,363	91	59
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	42,179	112,843	38,109	70,644	89,739	200,619	460,475	661,094	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	43,959	116,234	39,349	76,527	88,269	224,839	484,638	709,477	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	38,175	98,671	34,152	64,413	74,633	183,849	489,166	673,015	(NA)	(NA)	(NA)
	1947.....	(NA)	1,232	(NA)	39,946	78,272	36,119	(NA)	62,565	155,715	346,746	502,461	5,001	93	87
	1939 <sup>7</sup> .....	(NA)	584	(NA)	(NA)	(NA)	20,096	(NA)	13,219	34,219	59,758	93,977	(NA)	(NA)	(NA)
2393 (old SIC 2393)	Textile bags:														
	1958.....	217	237	101	9,114	30,047	7,557	14,673	21,942	51,638	153,800	204,379	1,512	83	85
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	10,897	36,050	8,486	16,769	23,865	50,390	158,832	208,116	814	86	87
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,928	36,886	9,436	18,135	25,083	56,456	168,898	221,790	1,749	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	12,044	35,711	9,416	17,675	23,691	55,740	163,277	217,585	(S)	(NA)	(NA)
	1954.....	235	268	121	12,109	35,120	9,897	18,748	24,329	55,114	198,980	254,260	3,941	84	85
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,854	34,449	9,873	19,373	24,185	52,781	179,769	232,550	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	17,073	46,890	14,533	28,407	32,774	101,416	328,383	429,799	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,524	41,149	14,124	28,284	29,900	82,146	277,937	359,083	(NA)	(NA)	(NA)
	1947.....	198	232	(NA)	13,850	28,279	12,129	(NA)	20,984	66,320	289,661	355,981	3,918	93	98
	1939.....	(NA)	216	(NA)	13,903	14,531	11,991	(NA)	10,003	27,895	93,807	121,702	(NA)	(NA)	(NA)
	1937.....	(NA)	186	(NA)	13,499	13,161	12,075	(NA)	9,746	26,276	103,725	130,001	(NA)	(NA)	(NA)
	1935.....	(NA)	198	(NA)	12,187	11,189	10,920	(NA)	8,048	23,565	88,001	111,566	(NA)	(NA)	(NA)
	1933.....	(NA)	169	(NA)	11,757	9,526	10,543	(NA)	6,977	22,578	69,537	92,115	(NA)	(NA)	(NA)
	1931.....	(NA)	189	(NA)	(NA)	(NA)	11,985	(NA)	9,111	25,818	79,173	104,991	(NA)	(NA)	(NA)
	1929.....	(NA)	202	(NA)	13,475	14,379	11,828	(NA)	9,645	25,901	144,275	170,176	(NA)	(NA)	(NA)
	1927.....	(NA)	181	(NA)	12,709	13,738	11,164	(NA)	9,548	26,202	136,748	162,950	(NA)	(NA)	(NA)
	1925.....	(NA)	162	(NA)	12,933	13,075	11,404	(NA)	9,332	24,980	150,102	175,082	(NA)	(NA)	(NA)
	1923.....	(NA)	169	(NA)	13,321	13,301	11,548	(NA)	9,361	23,454	128,222	151,676	(NA)	(NA)	(NA)
	1921.....	(NA)	169	(NA)	11,786	11,444	10,324	(NA)	8,032	16,014	99,438	115,452	(NA)	(NA)	(NA)
	1919.....	(NA)	216	(NA)	12,476	11,850	10,756	(NA)	7,757	38,041	176,018	214,059	(NA)	(NA)	(NA)
	1914.....	(NA)	138	(NA)	10,314	5,307	9,358	(NA)	3,789	12,028	67,021	79,049	(NA)	(NA)	(NA)
	1909.....	(NA)	109	(NA)	8,766	4,010	7,968	(NA)	2,942	8,518	46,364	54,882	(NA)	(NA)	(NA)
	1904.....	(NA)	79	(NA)	6,254	2,430	5,722	(NA)	1,829	6,641	30,758	37,399	(NA)	(NA)	(NA)
	1899 <sup>7</sup> .....	(NA)	73	(NA)	4,258	1,482	3,922	(NA)	1,102	3,213	16,439	19,652	(NA)	(NA)	(NA)
2394 (old SIC 2394)	Canvas products:														
	1958.....	844	851	124	9,875	35,175	7,679	14,692	23,730	53,696	78,034	131,336	1,848	90	90
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	12,743	39,803	9,624	19,256	24,855	67,440	75,679	138,505	(S)	(NA)	(NA)
	1954.....	1,100	1,119	150	13,540	40,180	10,724	(NA)	25,917	65,146	82,312	147,683	1,285	89	86
	1947 <sup>7</sup> .....	889	903	(NA)	10,603	24,751	8,669	(NA)	17,491	41,424	49,684	91,108	1,399	91	93
2397 (old SIC 2397)	Schiffli machine embroideries:														
	1958.....	702	703	48	5,739	24,451	5,148	10,772	20,771	44,311	31,275	75,484	3,593	99	97
	1954.....	601	601	57	5,715	19,739	5,061	9,969	14,772	34,870	32,886	67,858	1,016	98	99
	1947.....	542	546	53	5,678	15,054	5,080	10,458	11,681	31,733	23,781	55,514	826	98	96
	1939.....	(NA)	398	(NA)	4,176	4,317	3,750	(NA)	3,248	7,993	6,129	14,122	(NA)	(NA)	(NA)
	1937.....	(NA)	271	(NA)	3,039	3,188	2,757	(NA)	2,417	5,738	4,451	10,189	(NA)	(NA)	(NA)
	1935.....	(NA)	308	(NA)	2,640	2,815	2,360	(NA)	2,162	5,355	4,263	9,618	(NA)	(NA)	(NA)
	1933 <sup>9</sup> .....	(NA)	547	(NA)	(NA)	(NA)	4,652	(NA)	3,874	7,933	4,261	12,194	(NA)	(NA)	(NA)
	1931.....	(NA)	329	(NA)	(NA)	(NA)	2,473	(NA)	2,786	6,562	4,341	10,903	(NA)	(NA)	(NA)
	1929.....	(NA)	326	(NA)	3,026	3,841	2,757	(NA)	3,119	7,744	4,104	11,848	(NA)	(NA)	(NA)
	1927 <sup>7</sup> .....	(NA)	412	(NA)	3,628	4,923	3,276	(NA)	4,041	9,051	6,296	15,347	(NA)	(NA)	(NA)
2398	Trimings and stitching: <sup>10</sup>														
	1958.....	2,170	2,189	414	32,986	116,993	27,740	50,854	89,548	177,784	247,730	431,890	5,769	94	96
	1954.....	(NA)	2,462	507	39,392	113,157	34,983	62,322	87,542	180,974	213,126	392,098	9,243	(NA)	(NA)
	1947.....	2,375	(NA)	(NA)	36,903	81,475	33,485	(NA)	65,926	148,826	123,899	272,725	3,199	(NA)	(NA)
	1939 <sup>7</sup> .....	(NA)	1,271	(NA)	(NA)	(NA)	19,942	(NA)	17,202	39,136	36,706	75,842	(NA)	(NA)	(NA)
2399	Textile products, nec: <sup>11</sup>														
	1958.....	906	919	212	17,930	57,786	14,681	27,667	41,272	98,087	146,500	247,113	2,781	88	76

Footnotes on next page.

NA Not available.

<sup>5</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees, and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of non-production workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup> For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for years prior to 1935 do not include cost of contract work. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding values of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)	Cost of Materials, etc. (\$1,000)		Value of Shipments (\$1,000)	
	1954	1958	1954	1958	1954
2391	61,392	123,808	111,275	207,126	172,668
2392	173,910	381,598	329,293	591,096	503,203
2393	51,641	137,887	169,337	186,340	220,978
2394	61,442	67,349	68,170	118,812	129,611
2397	34,396	30,484	31,435	74,450	65,834
2398	176,640	241,726	204,781	424,275	381,422
2399	(NA)	138,836	(NA)	238,340	(NA)

<sup>4</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments. Miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, are excluded from this calculation except that specified commission receipts are included for Industry 2398 as a primary product. Also see tables 5A and 5B.

<sup>5</sup> The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>6</sup> The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>7</sup> Comparable data not available for prior years.

<sup>8</sup> Data for 1954 and later years are not closely related to prior information. Beginning in 1954 some fabricating departments of textile mills which had been submitting separate reports discontinued this practice in 1954 and included the fabricating department in the report for the weaving mill. Such fabricating departments accounted for more than 15 percent of the 1954 employment shown for Industry 2392. This change in reporting also accounted for the decline in the coverage ratio from 87 in 1947 to 59 in 1954.

<sup>9</sup> Figures for 1933 for Schiffli machine embroideries include data for Embroideries, except Schiffli machine. Separate figures are not available.

<sup>10</sup> The 1957 Standard Industrial Classification combined six old industries into new Industries 2395 and 2396. In this report these two industries have been combined into Industry 2398 (see text). The six industries which were separate in the 1945 Standard Industrial Classification were:

2284	Hatters' Fur	2395	Tucking, Pleating and Stitching
2312	Suit and Coat Findings	2396	Trimmings and Art Goods
2326	Hat and Cap Materials	2398	Embroideries, Except Schiffli

The data for 1954 and earlier years for these six industries have been combined.

<sup>11</sup> A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable with prior data. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.



Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC <sup>1</sup>			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2399—Textile products, nec.....	919	212	17,930	98,087	xxx	xxx	xxx	xxx
Old Industry 2399—Textile products, nec <sup>1</sup> .....	912	206	16,476	92,428	1,009	242	18,283	104,304
Old Industry 3729—Aircraft equipment, nec.....	7	6	1,454	5,659	(2)	(2)	(2)	(2)

<sup>1</sup>Most establishments previously classified in Old Industry 2399 that are not now classified in this industry were engaged in shrinking and sponging of cloth. These establishments are now classified in Industry 2231, Weaving and Finishing Mills, Wool.

<sup>2</sup>Not shown because the establishments reclassified out of the Old SIC industry accounted for less than 10 percent of adjusted value added.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2391	Curtains and draperies, total...	783	206	16,366	48,403	14,141	26,814	36,923	87,273	217,029	1,861	13,988	61,392	7,982
	New England.....	72	40	4,282	11,721	3,775	7,117	8,840	22,128	60,556	(2)	3,782	15,120	2,276
	Massachusetts.....	58	32	3,355	9,070	2,925	5,505	6,720	17,926	49,700	(2)	3,174	13,044	1,951
	Connecticut.....	8	5	678	2,036	636	1,240	1,697	3,310	7,921	(2)	478	1,410	125
	Middle Atlantic...	279	81	5,583	17,690	4,848	9,287	13,585	31,200	82,574	(2)	5,769	28,283	3,458
	New York.....	201	61	3,637	11,781	3,120	5,970	8,823	21,118	56,264	(2)	4,063	20,534	2,532
	New Jersey.....	28	6	906	2,510	812	1,374	2,096	4,579	11,896	(2)	639	2,945	434
	Pennsylvania....	50	14	1,040	3,399	916	1,943	2,666	5,503	14,414	(2)	1,066	4,803	492
	East North Central	125	25	1,706	5,130	1,372	2,574	3,660	10,298	21,446	(2)	1,313	5,706	533
	Ohio.....	25	7	455	1,391	324	628	848	3,108	7,306	(2)	271	1,405	81
	Indiana.....	14	3	226	772	196	357	550	1,365	3,299	(2)	(3)	(3)	(3)
	Illinois.....	62	12	838	2,529	695	1,303	1,928	5,240	9,541	(2)	806	3,407	383
	West North Central	32	6	442	1,377	363	704	958	2,769	5,874	(2)	444	1,789	352
	Missouri.....	16	5	310	1,045	249	482	702	2,215	4,308	(2)	359	1,562	277
	South Atlantic....	55	10	1,052	2,640	923	1,724	2,138	4,874	11,870	(2)	4823	42,817	4,412
	North Carolina...	6	3	380	948	345	645	814	2,236	6,352	(2)	(3)	(3)	(3)
	Florida.....	22	2	146	413	120	228	316	530	1,512	(2)	(3)	(3)	(3)
	East South Central	7	4	333	751	312	632	676	1,315	1,832	(2)	(4)	(4)	(4)
	West South Central	24	7	395	1,075	347	688	802	1,877	5,251	(2)	(4)	(4)	(4)
	Texas.....	18	6	364	993	320	631	732	1,815	4,933	(2)	348	1,299	166
	Mountain.....	21	2	202	483	171	304	384	869	1,444	(2)	(5)	(5)	(5)
	Arizona.....	12	1	136	335	109	198	271	595	945	(2)	(3)	(3)	(3)
	Pacific.....	168	31	2,371	7,536	2,030	3,784	5,880	11,943	26,182	(2)	51,855	57,674	5951
	California.....	143	27	2,023	6,530	1,723	3,215	5,058	10,358	21,733	(2)	1,497	6,008	820
2392	Housefurnishings, nec, total.....	1,205	393	36,769	113,402	31,552	59,297	83,302	218,295	616,224	6,072	36,188	173,910	39,946
	New England.....	76	28	2,303	7,677	1,890	3,392	5,578	15,667	44,570	(2)	2,272	12,196	4,186
	Massachusetts...	56	20	1,525	5,154	1,242	2,206	3,579	9,978	24,087	(2)	1,281	6,591	2,058
	Middle Atlantic...	575	172	13,768	44,157	11,626	21,630	31,255	86,013	215,244	1,898	12,785	66,009	9,877
	New York.....	447	125	9,505	31,848	7,917	14,934	22,003	60,261	154,963	1,203	9,013	48,412	6,431
	New Jersey.....	66	24	1,872	5,574	1,605	2,850	4,157	10,822	27,267	(2)	1,708	7,929	1,239
	Pennsylvania....	62	23	2,391	6,735	2,104	3,846	5,095	14,930	33,014	(2)	2,063	9,668	2,207
	East North Central	151	51	3,917	14,758	3,218	6,233	9,464	28,361	65,928	690	3,274	19,497	3,093
	Ohio.....	29	8	485	1,732	397	784	1,227	3,257	7,407	(2)	453	2,444	550
	Indiana.....	13	2	288	935	258	490	650	1,641	2,705	(2)	104	496	110
	Illinois.....	85	35	2,762	10,943	2,237	4,344	6,734	20,943	50,074	(2)	2,206	13,956	2,031
	Michigan.....	17	5	286	846	244	468	662	2,032	4,883	(2)	201	1,098	141

See footnotes at end of table.

## MANUFACTURES—INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2393	Housefurnishings, nec—Continued													
	West North Central	38	15	982	2,879	822	1,573	1,962	5,572	11,655	(2)	823	3,366	454
	Minnesota.....	11	4	219	611	193	372	439	1,328	2,282	(2)	224	896	95
	Missouri.....	20	8	440	1,381	351	686	882	3,000	6,774	(2)	394	1,816	286
	South Atlantic....	160	68	10,270	28,906	9,189	17,358	23,296	50,841	180,692	1,871	12,341	51,786	18,194
	Maryland.....	19	7	1,047	3,762	747	1,528	1,998	6,580	14,149	(2)	1,118	5,382	552
	Virginia.....	7	4	1,249	4,445	1,085	2,131	3,272	6,917	25,401	(2)	1,276	6,806	1,947
	North Carolina..	21	13	3,066	8,648	2,837	5,438	7,683	14,233	74,733	557	1,734	5,713	7,434
	South Carolina..	15	4	238	499	202	369	401	909	2,218	(2)	2,720	16,280	2,666
	Georgia.....	66	34	4,222	10,315	3,931	7,176	8,985	20,058	59,721	827	5,148	16,423	5,545
	Florida.....	23	3	241	702	203	386	511	1,407	3,397	(2)	168	665	(D)
	East South Central	40	16	2,707	6,752	2,448	4,641	5,615	16,104	58,139	(2)	2,969	12,848	2,731
	Tennessee.....	13	4	964	2,277	900	1,727	1,972	4,081	12,770	(2)	1,126	5,777	1,039
	Alabama.....	12	5	1,030	2,699	944	1,850	2,312	9,390	36,772	(2)	1,146	5,325	1,567
	West South Central	41	10	739	1,897	641	1,168	1,493	3,879	9,976	(2)	389	1,534	554
	Texas.....	32	9	585	1,535	520	970	1,242	3,354	8,307	(2)	254	764	130
	Mountain.....	6	...	14	19	11	16	17	16	61	(D)	123	708	(D)
	Pacific.....	118	33	2,069	6,357	1,707	3,286	4,622	11,842	29,959	(D)	1,209	5,961	(D)
	California.....	108	31	1,897	5,756	1,562	3,011	4,223	10,961	27,226	(2)	1,151	5,653	647
	Textile bags, total.	237	101	9,114	30,047	7,557	14,673	21,942	51,638	204,379	1,512	12,109	51,641	13,850
	New England.....	15	2	228	726	199	394	588	1,279	2,401	(2)	332	1,326	299
	Massachusetts...	10	2	196	641	170	343	509	1,051	1,697	(2)	123	493	161
	Middle Atlantic...	75	25	1,711	5,775	1,414	2,800	4,159	9,913	34,450	(2)	2,296	9,560	2,175
	New York.....	57	13	978	3,248	803	1,537	2,375	5,625	18,295	(2)	1,683	6,887	1,578
	New Jersey.....	7	4	313	929	266	535	681	1,614	6,410	(2)	207	756	177
	Pennsylvania....	11	8	420	1,598	345	728	1,103	2,674	9,745	(2)	405	1,916	420
	East North Central	43	7	601	1,967	496	898	1,367	3,102	12,640	(2)	1,279	5,970	1,460
	Ohio.....	13	3	170	603	132	249	364	1,156	4,014	(2)	209	787	463
	Illinois.....	12	2	215	680	183	325	518	1,128	4,731	(2)	303	1,490	408
	West North Central	18	13	1,044	3,898	879	1,802	2,892	7,919	30,879	(2)	2,240	10,127	2,967
	Missouri.....	9	7	486	1,879	413	843	1,393	3,710	15,651	(2)	1,065	3,739	1,781
	South Atlantic....	30	15	1,358	3,924	1,160	2,165	2,763	7,571	24,902	(2)	1,442	5,951	1,941
Virginia.....	8	4	431	1,302	351	659	867	1,888	8,133	(2)	492	2,052	560	
North Carolina..	5	4	308	937	275	529	726	1,898	4,267	(2)	345	1,626	587	
Georgia.....	6	4	419	1,209	369	664	824	2,935	9,694	(2)	289	1,126	547	
East South Central	9	5	443	1,327	393	805	1,027	1,673	8,811	(2)	700	3,453	1,003	
Tennessee.....	3	3	198	647	181	383	472	973	5,500	(2)	416	2,428	695	
West South Central	24	19	2,104	5,943	1,701	3,265	4,603	9,891	49,360	(2)	1,944	5,442	2,680	
Texas.....	13	10	1,282	3,901	1,077	2,088	3,069	6,918	32,735	(2)	1,130	3,062	1,582	
West.....	23	15	1,625	6,487	1,315	2,544	4,543	10,290	40,936	(2)	1,873	9,810	1,325	
Oregon.....	5	4	441	1,678	368	744	1,173	2,101	11,935	(2)	(3)	(3)	(3)	
California.....	13	9	958	3,796	757	1,419	2,559	5,804	22,239	(2)	1,073	5,913	713	
2394	Canvas products, total.	851	124	9,875	35,175	7,679	14,692	23,730	53,696	131,336	1,848	13,540	61,442	10,603
	New England.....	70	5	437	1,485	354	660	1,126	2,448	4,439	(2)	719	3,023	696
	Massachusetts...	37	3	262	927	217	418	718	1,748	3,053	(2)	464	1,841	398
	Connecticut.....	20	2	125	404	97	178	270	495	964	(2)	171	804	116
	Middle Atlantic...	222	25	1,863	6,905	1,501	2,872	4,922	11,266	24,254	(2)	2,598	12,590	2,207
	New York.....	130	14	1,061	3,955	848	1,611	2,775	6,832	13,520	(2)	1,513	7,084	1,269
	New Jersey.....	38	2	234	881	204	383	709	1,223	3,689	(2)	252	1,361	349
	Pennsylvania....	54	9	568	2,069	449	878	1,438	3,211	7,045	(2)	832	4,144	589
	East North Central	175	33	2,512	9,241	1,837	3,457	5,758	12,840	32,591	560	4,072	19,087	3,113
	Ohio.....	39	9	892	3,191	589	1,102	1,694	2,898	11,448	(2)	1,426	6,679	1,053
	Indiana.....	21	7	447	1,678	367	749	1,184	2,505	5,891	(2)	916	3,834	445
	Illinois.....	50	9	609	2,268	468	864	1,436	3,803	7,721	(2)	1,142	5,641	960
	Michigan.....	39	5	281	1,074	230	397	800	1,848	4,124	(2)	367	1,929	321
	Wisconsin.....	26	3	283	1,030	183	345	644	1,786	3,407	(2)	219	1,002	334
	West North Central	90	19	1,581	5,518	1,272	2,478	3,852	9,070	20,457	(2)	1,526	6,953	1,127
	Minnesota.....	14	3	190	783	132	254	425	1,252	2,727	(2)	163	867	138
	Iowa.....	20	3	421	1,678	322	675	1,106	2,741	4,954	(2)	240	1,160	190
	Missouri.....	27	9	773	2,408	661	1,268	1,853	3,866	10,046	(2)	846	3,705	395
	Kansas.....	14	2	110	394	90	158	277	810	1,755	(2)	(3)	(3)	(3)
	South Atlantic....	91	16	1,154	3,809	872	1,719	2,602	5,547	14,987	(2)	1,810	7,227	1,209
	Maryland.....	11	4	474	1,627	336	659	1,090	2,162	7,288	(2)	385	1,740	422
	Virginia.....	11	2	118	337	90	142	234	602	1,061	(2)	552	2,449	152
	North Carolina..	10	4	168	483	143	262	332	896	2,440	(2)	201	735	149
	Florida.....	40	3	240	875	194	425	643	1,182	2,761	(2)	156	681	166
	East South Central	26	4	491	1,287	400	862	972	2,048	4,502	(2)	799	2,549	(D)
	Tennessee.....	11	1	277	664	225	447	523	1,165	2,725	(2)	394	1,349	223
	West South Central	52	5	502	1,684	386	741	1,143	2,090	6,628	(2)	805	3,392	(D)
	Texas.....	38	2	288	1,031	227	445	731	1,173	4,077	(2)	334	1,625	327

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2397	Canvas products—Continued													
	Mountain.....	23	4	187	724	144	290	457	1,215	2,810	(2)	253	938	229
	Colorado.....	14	4	144	578	113	231	351	932	2,086	(2)	(3)	(3)	(3)
	Pacific.....	102	13	1,148	4,522	913	1,613	2,898	7,172	20,668	(2)	955	5,681	1,040
	Washington.....	19	3	222	804	176	301	528	1,270	3,490	(2)	120	593	152
	California.....	80	10	899	3,627	715	1,275	2,299	5,752	16,855	(2)	790	4,845	813
	Schiffli machine embroideries, total.....	703	48	5,739	24,451	5,148	10,772	20,771	44,311	75,484	3,593	5,715	34,396	5,678
	Middle Atlantic...	669	39	5,058	21,912	4,559	9,618	18,964	40,531	69,525	2,964	5,292	32,576	(D)
	New York.....	51	1	376	1,519	277	482	946	3,060	8,024	(D)	702	3,878	1,306
	New Jersey.....	609	32	4,440	19,485	4,058	8,680	17,295	35,850	59,336	2,821	4,260	27,527	3,623
	Pennsylvania.....	9	6	242	908	224	456	723	1,621	2,165	(D)	329	1,171	(D)
	East North Central	14	4	227	806	193	347	561	1,118	1,633	(2)	423	1,819	(D)
	Illinois.....	7	4	152	625	129	243	424	828	1,183	(D)			
		All other divisions.....	20	5	454	1,733	396	807	1,246	2,662	4,326	527	16,721	101,367
2398	Trimmings and stitching, total...	2,189	414	32,986	116,993	27,740	50,854	89,548	177,784	431,890	5,769	39,392	176,640	36,903
	Middle Atlantic...	1,666	313	20,671	64,837	17,695	31,546	50,855	111,872	209,735	3,120	27,491	118,753	27,458
	New York.....	1,311	258	16,515	52,941	13,982	24,845	40,920	90,458	166,553	2,373	(6)	(6)	(6)
	New Jersey.....	271	28	2,455	7,132	2,206	3,949	6,219	13,655	24,964	508	(6)	(6)	(6)
	Pennsylvania.....	84	27	1,701	4,764	1,507	2,752	3,716	7,759	18,218	(2)	(6)	(6)	(6)
	East North Central	148	34	7,326	36,931	5,808	11,347	27,285	40,047	163,939	1,696	11,894	57,880	9,445
	Illinois.....	72	17	1,486	5,196	1,218	2,371	3,837	9,346	24,894	(2)			
	Michigan.....	34	11	5,262	29,632	4,160	8,174	22,056	27,685	131,852	(D)			
	All other divisions.....	375	67	4,989	15,225	4,237	7,961	11,408	25,865	58,216	953			
	Massachusetts...	57	17	1,040	3,202	841	1,516	2,245	5,445	10,319	(2)			
	Missouri.....	33	8	442	1,548	349	637	958	2,545	5,705	(2)			
	Maryland.....	15	5	305	858	268	497	665	1,215	2,990	(2)			
	California.....	122	12	1,510	4,722	1,262	2,362	3,538	7,997	18,089	(2)			
	2399	Textile products, nec, total.....	919	212	17,930	57,786	14,681	27,667	41,272	98,087	247,113	2,781	(7)	(7)
New England.....		75	18	1,834	5,896	1,561	2,799	4,331	9,875	22,683	(2)			
Massachusetts...		44	11	910	2,781	776	1,353	1,977	4,901	11,158	(2)			
Rhode Island.....		10	5	473	1,570	399	666	1,122	2,980	7,128	(2)			
Connecticut.....		10	1	295	1,078	243	483	806	1,411	3,265	(2)			
Middle Atlantic...		341	85	6,120	20,556	4,818	9,234	14,247	35,108	80,669	1,082			
New York.....		235	59	3,721	13,320	2,981	5,668	9,155	23,690	53,133	(D)			
New Jersey.....		59	9	1,052	4,056	871	1,747	2,808	6,515	16,572	(2)			
Pennsylvania....		47	17	1,347	3,180	966	1,819	2,284	4,903	10,964	(D)			
East North Central		162	36	3,082	11,165	2,510	4,806	7,714	18,625	52,134	562			
Ohio.....		47	11	1,060	3,762	880	1,664	2,564	5,083	16,094	(2)			
Indiana.....		14	3	169	600	141	277	439	967	2,016	(2)			
Illinois.....		54	14	1,014	3,716	816	1,594	2,416	6,347	13,730	(2)			
Michigan.....		23	4	488	1,916	422	826	1,539	3,293	13,319	(2)			
Wisconsin.....		24	4	351	1,171	251	445	756	2,935	6,975	(2)			
West North Central		50	19	1,512	4,548	1,230	2,399	3,158	6,596	16,417	(2)			
Minnesota.....		17	8	643	1,736	519	902	1,257	2,376	6,630	(2)			
Kansas.....		9	2	242	988	195	380	732	1,524	3,837	(2)			
South Atlantic....		72	12	1,643	4,261	1,471	2,691	3,452	8,897	25,723	(2)			
South Carolina..		11	6	799	1,898	705	1,261	1,568	4,990	16,609	(2)			
Georgia.....		14	4	468	1,240	430	843	1,028	2,099	4,201	(2)			
East South Central		27	6	1,316	3,669	1,070	1,880	2,699	5,280	17,451	(2)			
Tennessee.....		8	2	427	1,293	279	501	703	2,514	6,536	(2)			
West South Central		47	11	644	1,866	556	1,123	1,440	3,361	8,361	(2)			
Texas.....		35	10	569	1,666	495	1,010	1,280	2,971	7,320	(2)			
Mountain.....		18	1	343	839	292	593	677	1,529	3,498	(2)			
Pacific.....		127	24	1,436	4,986	1,173	2,142	3,554	8,816	20,177	(2)			
Washington.....		10	4	245	863	192	332	580	1,112	3,579	(2)			
Oregon.....		10	3	181	451	148	238	315	1,092	2,889	(2)			
California.....		107	17	1,010	3,672	833	1,572	2,659	6,612	13,709	(2)			

See footnotes at end of table.

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2391, Curtains and Draperies: New England—New Hampshire, 1 (1-19); Rhode Island, 5 (100-249); East North Central—Michigan, 17 (20-99); Wisconsin, 7 (20-99); West North Central—Minnesota, 10 (100-249); Iowa, 1 (1-19); North Dakota, 1 (1-19); Nebraska, 3 (1-19); Kansas, 1 (1-19); South Atlantic—Delaware, 2 (1-19); Maryland, 8 (20-99); District of Columbia, 4 (20-99); Virginia, 2 (20-99); South Carolina, 4 (100-249); Georgia, 7 (100-249); East South Central—Kentucky, 2 (20-99); Tennessee, 2 (100-249); Alabama, 2 (100-249); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Oklahoma, 5 (20-99); Mountain—Idaho, 1 (1-19); Colorado, 4 (20-99); New Mexico, 1 (1-19); Utah, 3 (1-19); Pacific—Washington, 15 (100-249); Oregon, 10 (100-249).

SIC 2392, Housefurnishings, NEC: New England—Maine, 3 (250-499); New Hampshire, 1 (1-19); Rhode Island, 5 (20-99); Connecticut, 11 (250-499); East North Central—Wisconsin, 7 (20-99); West North Central—Iowa, 2 (100-249); Kansas, 5 (100-249); South Atlantic—Delaware, 3 (100-249); District of Columbia, 4 (20-99); West Virginia, 2 (1-19); East South Central—Kentucky, 11 (250-499); Mississippi, 4 (250-499); West South Central—Louisiana, 6 (100-249); Oklahoma, 3 (20-99); Mountain—Colorado, 4 (1-19); Arizona, 2 (1-19); Pacific—Washington, 4 (20-99); Oregon, 6 (100-249).

SIC 2393, Textile Bags: New England—Vermont, 1 (1-19); Rhode Island, 1 (1-19); Connecticut, 3 (20-99); East North Central—Indiana, 5 (20-99); Michigan, 7 (20-99); Wisconsin, 6 (20-99); West North Central—Minnesota, 6 (250-499); Iowa, 1 (100-249); Kansas, 2 (20-99); South Atlantic—Maryland, 6 (20-99); South Carolina, 2 (20-99); Florida, 3 (20-99); East South Central—Kentucky, 1 (20-99); Alabama, 4 (100-249); Mississippi, 1 (1-19); West South Central—Louisiana, 8 (500-999); Oklahoma, 3 (20-99); West—Idaho, 1 (1-19); New Mexico, 1 (1-19); Utah, 2 (20-99); Washington, 1 (100-249).

SIC 2394, Canvas Products: New England—Maine, 8 (20-99); New Hampshire, 2 (1-19); Vermont, 1 (1-19); Rhode Island, 2 (1-19); West North Central—North Dakota, 1 (1-19); South Dakota, 5 (1-19); Nebraska, 9 (20-99); South Atlantic—Delaware, 2 (1-19); District of Columbia, 3 (20-99); West Virginia, 4 (1-19); Georgia, 10 (20-99); East South Central—Kentucky, 3 (20-99); Alabama, 9 (20-99); Mississippi, 3 (100-249); West South Central—Arkansas, 3 (1-19); Louisiana, 3 (100-249); Oklahoma, 8 (20-99); Mountain—Montana, 2 (1-19); Idaho, 3 (1-19); Wyoming, 1 (1-19); Utah, 2 (1-19); Nevada, 1 (1-19); Pacific—Oregon, 3 (20-99).

SIC 2397, Schiffli Machine Embroideries: East North Central—Ohio, 3 (20-99); Indiana, 1 (1-19); Michigan, 2 (20-99); Wisconsin, 1 (1-19); All Other Divisions—Massachusetts, 4 (1-19); Connecticut, 1 (20-99); Missouri, 2 (20-99); Delaware, 1 (1-19); Maryland, 1 (100-249); Florida, 1 (1-19); Arizona, 1 (1-19); California, 9 (20-99).

Census Code 2398, Trimmings and Stitching: New England—New Hampshire, 1 (1-19); Rhode Island, 3 (1-19); Connecticut, 27 (250-249); East North Central—Ohio, 31 (250-499); Indiana, 8 (100-249); Wisconsin, 3 (1-19); West North Central—Minnesota, 7 (20-99); Nebraska, 1 (1-19); Kansas, 1 (1-19); South—District of Columbia, 3 (1-19); Virginia, 1 (20-99); North Carolina, 6 (20-99); South Carolina, 5 (100-249); Georgia, 9 (100-249); Florida, 15 (100-249); Kentucky, 4 (20-99); Tennessee, 8 (100-249); Mississippi, 4 (20-99); Arkansas, 3 (1-19); Louisiana, 2 (1-19); Oklahoma, 2 (1-19); Texas, 22 (100-249); West—Idaho, 1 (1-19); Colorado, 6 (20-99); New Mexico, 1 (1-19); Arizona, 4 (1-19); Utah, 4 (1-19); Nevada, 1 (1-19); Washington, 6 (20-99); Oregon, 1 (1-19).

SIC 2399, Textile Products, NEC: New England—Maine, 4 (1-19); New Hampshire, 6 (100-249); Vermont, 1 (1-19); West North Central—Iowa, 4 (100-249); Missouri, 15 (250-499); Nebraska, 5 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 8 (1-19); District of Columbia, 1 (1-19); Virginia, 8 (20-99); West Virginia, 1 (20-99); North Carolina, 10 (100-249); Florida, 18 (20-99); East South Central—Kentucky, 5 (250-499); Alabama, 9 (20-99); Mississippi, 5 (500-999); West South Central—Arkansas, 3 (1-19); Louisiana, 5 (1-19); Oklahoma, 4 (20-99); Mountain—Colorado, 8 (20-99); New Mexico, 3 (250-499); Arizona, 4 (20-99); Utah, 1 (1-19); Nevada, 2 (1-19).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to Table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Data for East South Central and West South Central States are included with the South Atlantic States.

<sup>5</sup>Data for Mountain States are included with the Pacific States.

<sup>6</sup>Data for individual States not available because of extensive revisions in the Standard Industrial Classification.

<sup>7</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).



## MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

Table 3.—Detailed Statistics for the United States: 1958

Item	Curtains and draperies (SIC 2391)	Housefur- nishings, nec (SIC 2392)	Textile bags (SIC 2393)	Canvas products (SIC 2394)	Schiffli machine embroideries (SIC 2397)	Trimming and stitching (Census Code 2398)	Textile products, nec (SIC 2399)
Primary product specialization ratio <sup>1</sup> .....	96	88	83	90	99	94	88
Coverage ratio <sup>2</sup> .....	92	58	85	90	97	96	76
Number of establishments, total.....	783	1,205	237	851	703	2,189	919
With 1-19 employees.....	577	812	136	727	655	1,775	707
With 20-99 employees.....	174	307	73	113	46	392	173
With 100 employees or more.....	32	86	28	11	2	22	39
Proprietors and working partners.....Number..	611	855	122	704	713	1,855	674
All employees:							
Number (average for the year).....	16,366	36,769	9,114	9,875	5,739	32,986	17,930
Payroll.....\$1,000..	48,403	113,402	30,047	35,175	24,451	116,993	57,786
Production workers:							
Number (average for the year).....	14,141	31,552	7,557	7,679	5,148	27,740	14,681
March.....	13,694	30,408	7,552	6,968	5,223	25,629	13,865
May.....	13,355	30,304	7,390	8,372	5,065	25,310	14,783
August.....	14,178	31,673	7,557	7,922	4,937	27,463	14,945
November.....	15,337	33,823	7,729	7,454	5,367	32,558	15,131
Man-hours.....1,000..	26,814	59,297	14,673	14,692	10,772	50,854	27,667
January-March.....do....	6,304	13,867	3,608	3,169	2,918	12,025	6,344
April-June.....do....	6,333	14,236	3,630	4,147	2,579	11,565	7,130
July-September.....do....	6,706	14,974	3,606	3,803	2,458	12,301	6,940
October-December.....do....	7,471	16,220	3,829	3,573	2,817	14,963	7,253
Wages.....\$1,000..	36,923	83,302	21,942	23,730	20,771	89,548	41,272
Cost of materials, etc., total.....do....	130,865	399,528	153,800	78,034	31,275	247,730	146,500
Materials, parts, containers, and supplies consumed.....do....	118,850	366,008	136,983	65,127	20,553	232,775	134,799
Cost of resales.....do....	7,057	17,930	15,913	10,685	791	6,004	7,064
Fuels consumed.....do....	175	1,067	264	317	153	473	411
Electricity purchased.....do....	393	1,654	429	418	385	2,412	727
Contract work.....do....	4,390	12,869	211	1,487	9,393	6,062	2,899
Value of shipments (including resales), total.....do....	217,029	616,224	204,379	131,336	75,484	431,890	247,113
Value of resales.....do....	9,903	25,128	18,039	12,524	1,034	7,615	8,773
Value added by manufacture, adjusted...do....	87,273	218,295	51,638	53,696	44,311	177,784	98,087
Manufacturers' inventories:							
Beginning of year, total.....do....	25,523	81,808	27,201	22,357	5,086	53,773	40,871
Finished products.....do....	10,122	39,998	9,451	7,131	2,049	8,116	13,082
Work-in-process.....do....	2,247	10,810	2,016	1,347	660	28,962	5,983
Materials, supplies, fuel, etc.....do....	13,154	31,000	15,734	13,879	2,377	16,695	21,806
End of year, total.....do....	27,119	83,878	27,694	22,754	5,443	46,615	35,134
Finished products.....do....	10,869	41,488	10,229	7,462	2,009	7,784	12,055
Work-in-process.....do....	2,609	10,919	2,297	1,410	802	22,918	4,484
Materials, supplies, fuel, etc.....do....	13,641	31,471	15,168	13,882	2,632	15,913	18,595
Expenditures for plant and equipment, total.....do....	1,967	6,252	1,736	2,006	4,251	6,823	2,974
New, total.....do....	1,861	6,072	1,512	1,848	3,593	5,769	2,781
New structures and additions to plant.....do....	865	2,073	369	755	751	2,005	1,253
New machinery and equipment.....do....	996	3,999	1,143	1,093	2,842	3,764	1,528
Used plant and equipment.....do....	106	180	224	158	658	1,054	193

Note: Detailed figures may not add to totals because of independent rounding. <sup>1</sup>Revised.

<sup>1</sup>The primary products specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments. Miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc., are excluded from this calculation except that specified commission receipts are included for Industry 2398 as a primary product. Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2391	Curtains and draperies: Number of establishments.....	783	330	123	124	124	50	27	4	1	...	...
	All employees:											
	Number.....	16,366	719	842	1,700	3,927	3,378	<u>5,800</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	48,403	1,843	2,653	4,969	12,581	10,621	<u>15,736</u>	(D)	(D)	...	...
	Value added, adjusted..do....	87,273	5,519	4,900	9,125	20,254	18,838	<u>28,637</u>	(D)	(D)	...	...
	Value of shipments.....do....	217,029	9,342	9,777	18,975	44,691	56,662	<u>77,582</u>	(D)	(D)	...	...
	Capital expend., new...do....	1,861	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...
2392	Housefurnishings, nec: Number of establishments.....	1,205	417	202	193	209	98	64	19	3	...	...
	All employees:											
	Number.....	36,769	903	1,383	2,740	6,575	6,772	9,540	6,760	2,096	...	...
	Payroll.....\$1,000..	113,402	2,452	4,457	8,587	19,719	21,111	29,377	21,569	6,130	...	...
	Value added, adjusted..do....	218,295	6,413	8,960	17,280	38,230	37,264	52,597	43,451	14,100	...	...
	Value of shipments.....do....	616,224	14,838	23,717	41,366	94,551	93,109	129,923	160,177	58,543	...	...
	Capital expend., new...do....	6,072	715	( <sup>1</sup> )	( <sup>1</sup> )	990	823	1,823	709	( <sup>1</sup> )	...	...
2393	Textile bags: Number of establishments.....	237	65	34	37	42	31	26	2	...	...	...
	All employees:											
	Number.....	9,114	133	246	524	1,285	2,261	<u>4,665</u>	(D)	...	...	...
	Payroll.....\$1,000..	30,047	339	774	1,617	3,991	7,198	<u>16,128</u>	(D)	...	...	...
	Value added, adjusted..do....	51,638	826	1,194	2,797	8,298	11,240	<u>27,283</u>	(D)	...	...	...
	Value of shipments.....do....	204,379	1,986	3,473	9,900	27,750	47,322	<u>113,948</u>	(D)	...	...	...
	Capital expend., new...do....	1,512	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<u>610</u>	(D)	...	...	...
2394	Canvas products: Number of establishments.....	851	432	186	109	96	17	8	3	...	...	...
	All employees:											
	Number.....	9,875	902	1,268	1,462	2,849	1,178	1,325	891	...	...	...
	Payroll.....\$1,000..	35,175	2,877	4,342	5,529	9,768	4,854	4,727	3,078	...	...	...
	Value added, adjusted..do....	53,696	6,167	7,186	8,314	15,422	6,781	5,099	4,727	...	...	...
	Value of shipments.....do....	131,336	13,128	15,227	17,887	33,216	16,885	20,776	14,217	...	...	...
	Capital expend., new...do....	1,848	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...
2397	Schiffli machine embroideries: Number of establishments.....	703	321	207	127	40	6	2	...	...	...	...
	All employees:											
	Number.....	5,739	705	1,406	1,661	1,224	<u>743</u>	(D)	...	...	...	...
	Payroll.....\$1,000..	24,451	2,754	6,271	7,272	5,205	<u>2,949</u>	(D)	...	...	...	...
	Value added, adjusted..do....	44,311	7,001	11,856	12,501	8,482	<u>4,471</u>	(D)	...	...	...	...
	Value of shipments.....do....	75,484	11,323	19,070	22,695	14,353	<u>8,043</u>	(D)	...	...	...	...
	Capital expend., new...do....	3,593	643	1,203	845	<u>902</u>	(D)	(D)	...	...	...	...
2398	Trimmings and stitching: Number of establishments.....	2,189	921	448	406	313	79	17	1	2	2	...
	All employees:											
	Number.....	32,986	1,935	2,981	5,505	9,629	5,199	2,388	<u>5,349</u>	(D)	(D)	...
	Payroll.....\$1,000..	116,993	5,769	8,817	16,625	30,796	16,996	8,093	<u>29,897</u>	(D)	(D)	...
	Value added, adjusted..do....	177,784	13,332	16,894	27,344	51,985	27,912	11,320	<u>28,997</u>	(D)	(D)	...
	Value of shipments.....do....	431,890	23,466	26,908	51,095	103,121	57,270	32,862	<u>137,168</u>	(D)	(D)	...
	Capital expend., new...do....	5,769	1,002	682	1,038	907	( <sup>1</sup> )	( <sup>1</sup> )	<u>1,445</u>	(D)	(D)	...
2399	Textile products, nec: Number of establishments.....	919	424	139	144	133	40	32	6	1	...	...
	All employees:											
	Number.....	17,930	851	928	1,951	3,882	2,808	4,863	<u>2,647</u>	(D)	...	...
	Payroll.....\$1,000..	57,786	2,349	3,009	6,729	13,308	9,027	16,857	<u>6,507</u>	(D)	...	...
	Value added, adjusted..do....	98,087	5,664	5,100	10,128	23,571	14,368	28,271	<u>10,985</u>	(D)	...	...
	Value of shipments.....do....	247,113	12,674	12,739	25,879	54,330	34,557	68,687	<u>38,247</u>	(D)	...	...
	Capital expend., new...do....	2,781	655	( <sup>1</sup> )	( <sup>1</sup> )	610	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2391	Curtains and draperies.....1958..	217,029	183,501	7,138	26,390	96	198,723	183,501	15,222	92
	1954..	180,180	148,900	9,916	21,364	94	167,602	148,900	18,702	89
2392	Housefurnishings, nec.....1958..	616,224	510,957	67,669	37,598	88	880,740	510,957	369,783	58
	1954..	526,257	434,354	42,919	48,984	91	739,365	434,354	305,011	59
2393	Textile bags.....1958..	204,379	148,065	30,923	25,391	83	174,902	148,065	26,837	85
	1954..	254,260	179,172	33,904	41,184	84	210,191	179,172	31,019	85
2394	Canvas products.....1958..	131,336	103,128	11,489	16,719	90	114,202	103,128	11,074	90
	1954..	147,683	107,411	13,097	27,175	89	124,042	107,411	16,631	86
2397	Schiffli machine embroideries...1958..	75,484	50,897	404	24,183	99	52,252	50,897	1,355	97
	1954..	67,858	49,273	753	17,832	98	49,832	49,273	559	99
2398	Trimmings and stitching.....1958 <sup>4</sup> .	431,890	392,221	17,843	21,826	96	400,852	392,221	8,631	98
2399	Textile products, nec.....1958 <sup>4</sup> .	247,113	198,110	25,886	23,117	88	262,735	198,110	64,625	75

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Included in the primary products of this industry are bedspreads and bed sets, sheets and pillowcases and towels, which are also primary to Industry 2211, Weaving Mills, Cotton. A coverage ratio computed on the basis of including both industries to which these products are primary would total 88 percent; 58 percent by Industry 2392, and 30 percent by Industry 2211. The remaining 14 percent was shipped by establishments in other industries. The overall coverage ratio in 1954 was 89 percent.

<sup>4</sup>Comparable data for 1954 are not available.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Curtains and draperies industry	Curtains and draperies (SIC 2391)	Housefurnishings, nec (SIC 2392)	Other industries	All industries	
23910	Total shipments of the industry.....	217,029	xxx	xxx	xxx	
	Curtains and draperies, except lace.....	183,501	9,866	5,356	198,723	
23926	Secondary products.....	7,138	xxx	xxx	xxx	
	Bedspreads and bed sets.....	3,163	xxx	xxx	xxx	
23920	Other housefurnishings.....	2,331	xxx	xxx	xxx	
	Other secondary products.....	1,644	xxx	xxx	xxx	
	Miscellaneous receipts.....	26,390	xxx	xxx	xxx	
	Commission receipts for work done on materials owned by others.....	16,119	xxx	xxx	xxx	
	Resale of products bought and sold without further manufacture.....	9,903	xxx	xxx	xxx	
	Other receipts.....	368	xxx	xxx	xxx	
Prod. class code	Housefurnishings, nec, industry	Housefurnishings, nec (SIC 2392)	Weaving mills, cotton (SIC 2211)	Curtains and draperies (SIC 2391)	Other industries	All industries
23926	Total shipments of the industry.....	616,224	xxx	xxx	xxx	xxx
	Primary products.....	510,957	<sup>r</sup> 261,676	5,494	<sup>r</sup> 102,613	880,740
22110p	} Bedspreads and bed sets.....	76,390	<sup>r</sup> 27,830	3,163	<sup>r</sup> 13,971	111,354
		} Sheets and pillowcases.....	(D)	(D)	...	( <sup>2</sup> )
23928	} Towels and washcloths.....		(D)	(D)	...	(D)
		22118	} Other housefurnishings.....	309,674	(D)	2,331
23929	Secondary products.....			67,669	xxx	xxx
		22119	Tufted carpets and rugs.....	2,903	xxx	xxx
23920	Curtains and draperies, except lace.....			9,866	xxx	xxx
		22720	Fabricated textile products, nec.....	6,162	xxx	xxx
23910	Other secondary products.....			<sup>4</sup> 48,738	xxx	xxx
		23990	Miscellaneous receipts.....	37,598	xxx	xxx
	Receipts for work done on materials owned by others.....			10,993	xxx	xxx
			Resale of products bought and sold without further manufacture.....	25,128	xxx	xxx
	Other receipts.....			1,477	xxx	xxx
		Prod. class code	Textile bags industry	Textile bags (SIC 2393)	Bags, except textile bags (SIC 2643)	Other industries
23930	Total shipments of the industry.....	204,379	xxx	xxx	xxx	
	Textile bags, except laundry, wardrobe, and shoe.....	148,065	16,412	<sup>5</sup> 10,425	174,902	
2643-	Secondary products.....	30,923	xxx	xxx	xxx	
	Paper bags.....	21,922	xxx	xxx	xxx	
	Canvas products.....	2,632	xxx	xxx	xxx	
	Other products.....	6,369	xxx	xxx	xxx	
	Miscellaneous receipts.....	25,391	xxx	xxx	xxx	
	Resale of products bought and sold without further manufacture.....	18,039	xxx	xxx	xxx	
	Contract receipts for work done on materials owned by others.....	1,649	xxx	xxx	xxx	
	Other receipts.....	5,703	xxx	xxx	xxx	
Prod. class code	Canvas products industry	Canvas products (SIC 2394)	Textile bags (SIC 2393)	Other industries	All industries	
23940	Total shipments of the industry.....	131,336	xxx	xxx	xxx	
	Canvas products.....	103,128	2,632	8,442	114,202	
23990	Secondary products.....	11,489	xxx	xxx	xxx	
	Fabricated textile products, nec.....	3,655	xxx	xxx	xxx	
	Other products.....	7,834	xxx	xxx	xxx	
	Miscellaneous receipts.....	16,719	xxx	xxx	xxx	
	Resale of products bought and sold without further manufacture.....	12,524	xxx	xxx	xxx	
	Sale of scrap and refuse.....	2,319	xxx	xxx	xxx	
	Other receipts.....	1,876	xxx	xxx	xxx	

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Schiffli machine embroideries industry	Schiffli machine embroideries (SIC 2397)	Other industries	All industries
	Total shipments of the industry.....	75,484	xxx	xxx
23970	Schiffli machine embroideries.....	50,897	1,355	52,252
	Secondary products.....	404	xxx	xxx
	Miscellaneous receipts.....	24,183	xxx	xxx
930073	Receipts for Schiffli machine embroidering on materials owned by others.....	22,510	xxx	xxx
	Resales of products bought and sold without further manufacture.....	1,034	xxx	xxx
	Other receipts.....	639	xxx	xxx
Prod. class code	Trimming and stitching industry	Trimming and stitching (Census code 2398) <sup>a</sup>	Other industries	All industries
	Total shipments of the industry.....	431,890	xxx	xxx
	Primary products.....	392,221	8,631	400,852
23981	Automobile and furniture trimmings.....	156,840	3,724	160,564
23982	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material.....	49,051	371	49,422
23983	Other trimmings and findings.....	53,631	2,290	55,921
23984	Embroideries (except Schiffli machine) stamped art goods and art needlework.....	43,279	1,417	44,696
23989	Commission receipts for embroidering (except Schiffli machine), tucking, pleating, etc., for the trade.....	747,112	302	747,414
23980	Trimmings, stamped art goods, and art needlework, nsk.....	42,308	527	42,835
	Secondary products.....	217,843	xxx	xxx
	Miscellaneous receipts.....	21,826	xxx	xxx
	Commission receipts for work done on materials owned by others.....	711,567	xxx	xxx
	Resales of products bought and sold without further manufacture.....	7,615	xxx	xxx
	Other receipts.....	2,644	xxx	xxx
Prod. class code	Textile products, nec, industry	Textile products, nec (SIC 2399)	Other industries	All industries
	Total shipments of the industry.....	247,113	xxx	xxx
23990	Fabricated textile products, nec.....	198,110	64,625	262,735
	Secondary products.....	1025,886	xxx	xxx
	Miscellaneous receipts.....	23,117	xxx	xxx
	Commission receipts for work done on materials owned by others.....	13,098	xxx	xxx
	Resales of products bought and sold without further manufacture.....	8,773	xxx	xxx
	Other receipts.....	1,246	xxx	xxx

<sup>a</sup>Revised.<sup>1</sup>Includes \$3,187 thousand shipped by Industry 2272, Tufted Carpets and Rugs.<sup>2</sup>Industries 2261, Finishing Plants, Cotton, and 2399, Textile Products, NEC, had shipments which totaled \$2 million or more. The exact figures are withheld to avoid disclosure of individual company figures.<sup>3</sup>Includes \$3,551 thousand shipped by Industry 2399, Textile Products, NEC, and \$7,259 thousand shipped by Industry 3981, Brooms and Brushes.<sup>4</sup>Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 22110, Other fabricated cotton textile products (blankets); 22219, Fabricated man-made fiber textile products (blankets); 22590, Knit gloves and knit products, nec.; 22617, Finished cotton broad woven fabrics.<sup>5</sup>Industry 2211, Cotton Weaving Mills, had shipments which totaled \$2 million or more. The exact figure is withheld to avoid disclosing individual company figures.<sup>6</sup>Census Industry 2398, is equivalent to SIC Industries 2395 and 2396 (see text).<sup>7</sup>In addition to commission receipts reported for embroidering, tucking, pleating, etc., for the trade (code 23989) establishments classified in Industry 2398 also received \$11,567 thousand for other commission activities. Commission receipts not specified by kind are also included in this figure.<sup>8</sup>Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 22910, Felt goods, except woven felts and hats; 23990, Fabricated textile products, nec.<sup>9</sup>Includes shipments by other industries as follows: Industry 2211, Weaving Mills, Cotton, \$5,395 thousand; Industry 2392, Housefurnishings, NEC, \$6,162 thousand; Industry 2394, Canvas Products, \$3,655 thousand; and Industry 3842, Surgical Appliances and Supplies, \$7,020 thousand. In addition, the following industries had shipments of \$2 million or more but the exact figures are withheld to avoid disclosing individual company figures: Industry 2261, Finishing Plants, Cotton; Industry 2262, Finishing Plants, Synthetics; Industry 2299, Textile Goods, NEC; and Industry 2398, Trimmings and Stitching.<sup>10</sup>Includes shipments of more than \$2 million of product class 23920, Housefurnishings, nec.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958			1954			
			Total production (quantity)	Total shipments including interplant transfers					
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		
2391---	Curtains and draperies, except lace, total.....	.....	xxx	xxx	198,723	xxx	167,602		
2391011	Window curtains:								
	Cotton.....	1,000 prs. or sets...	22,835	22,208	33,568	22,500	40,464		
2391013	Man-made fiber.....	.....do.....	32,486	26,531	54,851	34,758	64,413		
2391018	Other materials including plastic.....	.....do.....	(NA)	(NA)	10,111				
2391051	Draperies:								
	Cotton:								
	Quantity reported.....	.....do.....	(NA)	(NA)	(NA)	4,087	15,055		
	Quantity not reported.....	.....do.....	xxx	xxx	19,970	xxx	3,329		
2391054	Man-made fibers.....	1,000 prs. or sets...	19,151	11,398	34,903	(1)	18,984		
2391058	Other materials including plastic.....	.....do.....	8,070	8,090	8,627				
2391098	Stage and auditorium curtains and draperies.....	.....	xxx	xxx	1,031	(NA)	(NA)		
2391000	Curtains and draperies, nsk.....	.....	xxx	xxx	35,662	xxx	25,357		
2211 pt 2392---	Housefurnishing, nec, except knit.....	.....	xxx	xxx	880,740	xxx	739,365		
22110 pt 23926--	Bedspreads and bed sets.....	1,000.....	xxx	xxx	111,354	(NA)	89,305		
	Made in cotton weaving mills.....	.....do.....	27,088	26,995	227,830	(NA)	219,230		
	Made in other industries.....	.....do.....	xxx	xxx	83,524	(NA)	70,075		
2392621	Tufted.....	.....do.....	(NA)	313,835	349,160	12,799	48,530		
	Jacquard-woven:								
	Cotton:								
2211041	Made in cotton weaving mills.....	.....do.....	4,547	4,490	20,203	4,263	25,806		
2392651	Made in other industries.....	.....do.....	3,774	3,465	13,420				
2392659	Other:								
	Quantity reported.....	.....do.....	210	207	1,420	323	2,757		
	Quantity not reported.....	.....do.....	xxx	xxx	942	xxx	699		
	Other than Jacquard-woven or tufted:								
	Cotton:								
2211045	Made in cotton weaving mills.....	....1,000...	2,541	2,505	7,627	2,179	9,195		
2392671	Made in other industries.....	.....do.....	814	690	4,189				
2392679	Other.....	.....do.....	(NA)	(NA)	5,774	480	2,318		
2392600	Bedspreads and bed sets, nsk.....	.....	xxx	xxx	8,619	...	..		
22118-- 23928--	Sheets and pillowcases.....	.....	xxx	xxx	239,927	xxx	214,274		
	Cotton sheets:								
2211812 2392812	Crib size.....	1,000 doz...	4864	4623	44,832	(3)	166,875		
	Other sizes:								
2211814 2392814	Fitted.....	.....do.....	42,545	41,985	444,410				
2211816 2392816	Not fitted.....	.....do.....	47,654	47,064	4139,442				
	Man-made fiber sheets:								
2392821	Crib size.....	.....do.....	(4)	(4)	(4)				
	Other sizes:								
2392823 2392825	Fitted..... Not fitted.....	.....do..... .....do.....							
	Pillowcases:								
2211853 2392853 2392857	Cotton..... Man-made fibers.....	.....do..... .....do.....	410,799	49,864	448,890	8,860	46,533		
2211800 2392800	Sheets and pillowcases, nsk.....	.....	xxx	xxx	2,353	xxx	866		

See footnotes at end of table.



## MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

23E-17

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958		1954		
			Total production (quantity)	Total shipments including interplant transfers			
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2211 pt 22119-- 23929--	Housefurnishing, nec, except knit—Continued						
	Towels and wash cloths.....	.....	xxx	xxx	174,551	xxx	147,717
2211911 2392911	Terry-woven towels.....	1,000 doz...	23,993	23,376	109,958	19,553	92,504
2211921 2392921	Huck towels.....	.....do.....	6,446	6,688	14,039	4,297	8,563
2211931 2392931	Plain and twill-woven towels, including dish towels (roll goods converted at 10 yards per dozen).....	.....do.....	12,010	11,609	19,177	9,856	18,568
2211953 2392953	Wash cloths.....	.....do.....	xxx	xxx	31,377	23,964	23,679
2211900 2392900	Towels and wash cloths, nsk.....	.....do.....				xxx	64,403
23920--	Other housefurnishings.....	.....	xxx	xxx	354,908	xxx	288,069
2392011	Shower bath curtains:						
	Plastic (unsupported film):						
	Quantity reported.....	1,000.....	5,495	5,404	11,225	3,879	7,150
	Quantity not reported.....	.....	xxx	xxx	1,561	xxx	3,771
2392015	Other including coated fabrics.....	1,000.....	(NA)	(NA)	2,890	1,214	2,752
2392023	Comforters and wadded quilts.....	.....do.....	3,551	3,471	19,837	2,411	15,886
2392031 2392038	Quilted products except comforters and wadded quilts:						
	Mattress protectors.....	.....do.....	6,576	6,646	16,649	5,335	12,714
	Other including baby pads.....	.....	xxx	xxx	13,978	xxx	10,511
2392041	Tablecloths, napkins, and related textile articles, except lace:						
	Tablecloths:						
	Quantity reported.....	1,000.....	(NA)	(NA)	(NA)	5,818	10,234
	Quantity not reported.....	.....	xxx	xxx	9,755	xxx	2,825
2392045	Napkins:						
	Quantity reported.....	1,000 doz...	2,748	2,908	4,683	2,146	3,276
	Quantity not reported.....	.....	xxx	xxx	1,255	xxx	741
2392049	Other table and dresser covers and scarfs, table doilies, and mats, troy cloths, table sets, (luncheon, bridge and related articles).....	.....	xxx	xxx	8,568	xxx	14,894
2392051 2392055 2392059	Pillows:						
	Bed pillows, excluding foam rubber pillows.....	1,000.....	7,567	7,589	19,678	4,949	12,830
	Foam rubber pillows and cushions made from purchased rubber.....	.....do.....	(NA)	(NA)	13,162	(NA)	17,550
	Fancy pillows and cushions, excluding foam rubber.....	.....do.....	(NA)	(NA)	12,249		
2392062 2392064 2392065 2392069	Slip covers, except embroidered:						
	Furniture:						
	Made from unsupported film (plastic).....	1,000.....	1,986	1,901	6,290	5,384	32,743
	Made from other material (cotton, rayon, etc.).....	.....do.....	4,521	4,090	29,364		
	Mattress.....	.....do.....	3,576	3,317	6,882	2,324	4,647
Other.....	.....	xxx	xxx	7,308	xxx	4,384	
2392071	Mops and dusters:						
	Dry mops and dusters:						
	Quantity reported.....	1,000.....	10,929	10,730	10,668	15,063	11,227
	Quantity not reported.....	.....	xxx	xxx	3,014	xxx	1,429
2392073	Wet mops:						
	Quantity reported.....	1,000.....	27,319	25,270	14,892	25,852	13,992
	Quantity not reported.....	.....	xxx	xxx	1,441	xxx	1,996
2392075	Sponge mops:						
	Quantity reported.....	1,000.....	7,356	7,849	8,996	6,025	6,894
	Quantity not reported.....	.....	xxx	xxx	...	xxx	837
2392081	Laundry and wardrobe bags:						
	Quantity reported.....	1,000.....	6,070	5,121	6,796	6,412	8,505
	Quantity not reported.....	.....	xxx	xxx	3,514	xxx	1,637
2392098	All other housefurnishings, except embroidered.....	.....	xxx	xxx	35,390	xxx	43,754
2392000	Other housefurnishings, nsk.....	.....	xxx	xxx	46,728	xxx	24,495
2392000	Housefurnishings, nec, nsk <sup>7</sup> .....	.....	xxx	xxx	38,135	xxx	16,395

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954	
			Total production (quantity)	Total shipments including interplant transfers			
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2393---	Textile bags, except laundry and wardrobe, total.....	.....	xxx	xxx	174,902	xxx	210,191
2393012	Cotton including cotton canvas, excluding open mesh.....	1,000 lin. yds.....	xxx	262,322	59,228	419,381	96,961
2393015	Open mesh cotton and spun paper.....	.....do.....	xxx	110,676	18,025	(8)	(8)
2393031	Burlap.....	.....do.....	xxx	536,143	73,304	497,588	79,300
2393098	Other textile bags: Quantity reported.....	.....do.....	xxx	18,623	6,189	8149,812	818,923
	Quantity not reported.....	.....do.....	xxx	xxx	...	xxx	5,996
2393000	Textile bags, nsk.....	.....	xxx	xxx	18,156	xxx	9,011
2394---	Canvas products, total.....	.....	xxx	xxx	114,202	xxx	124,042
2394011	Painted awning stripes.....	1,000 sq. yds.....	xxx	(NA)	3,083	5,507	3,671
2394021	Awnings.....	Number.....	xxx	(NA)	11,220	xxx	18,980
2394031	Tents.....	.....do.....	xxx	(NA)	13,708	xxx	13,979
2394051	Tarpaulin covers for trucks, boats, etc.....	.....do.....	xxx	(NA)	17,398	xxx	17,753
2394098	Sails and other canvas products, except bags.....	.....do.....	xxx	xxx	31,214	xxx	36,460
2394000	Canvas products, nsk.....	.....do.....	xxx	xxx	37,579	xxx	33,199
2397012	Schiffli machine embroideries.....	.....	xxx	xxx	952,252	xxx	949,832
2398---	Trimnings, stitchings, findings and related products.....	.....	xxx	xxx	400,852	xxx	403,191
23981--	Automobile and furniture trimmings.....	.....	xxx	xxx	160,564	xxx	151,539
2398116	Automobile.....	.....	xxx	xxx	159,099	}	151,539
2398117	Furniture.....	.....	xxx	xxx	1,465		xxx
23982--	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material.....	.....	xxx	xxx	49,422	xxx	45,408
2398211	Men's and boys' coat, suit and trouser findings.....	.....	xxx	xxx	35,319	xxx	27,098
2398231	Hatbands, hat linings, tip printing and stamping, sweats, cap fronts, etc.....	.....	xxx	xxx	7,440	xxx	9,610
2398251	Hatters' fur, cut or blown: Quantity reported.....	1,000 lbs...	xxx	1,744	6,663	2,284	7,767
	Quantity not reported.....	.....	xxx	xxx	...	xxx	933
23983--	Other trimmings and findings.....	.....	xxx	xxx	55,921	xxx	77,203
2398311	Women's and children's apparel findings and trimmings.....	.....	xxx	xxx	27,433	xxx	26,571
2398313	Other findings and trimmings.....	.....	xxx	xxx	10,923	xxx	24,592
2398331	Bias binding: For the apparel trade.....	.....	xxx	xxx	16,356	xxx	18,873
2398335	For the notion trade.....	.....	xxx	xxx	1,209	xxx	7,167
23984--	Embroideries (except Schiffli machine) stamped art goods, and art needlework.....	.....	xxx	xxx	1044,696	xxx	40,603
2398412	Embroideries (except Schiffli-machine products).....	.....	xxx	xxx	1037,197	xxx	31,509
2398431	Stamped art goods for embroidering and punching.....	.....	xxx	xxx	7,499	xxx	9,094
23989--	Commission receipts for embroidering (except Schiffli machine) tucking, pleating, etc. for the trade.....	.....	xxx	xxx	1047,414	xxx	59,664
2398911	Commission receipts for embroidering (other than Schiffli machine) on materials owned by others.....	.....	xxx	xxx	1017,198	xxx	1125,313
2398931	Commission receipts for tucking, pleating, hemstitching and button holing for the trade.....	.....	xxx	xxx	30,216	xxx	1234,351
2398000	Trimnings, stamped art goods and art needlework, nsk.....	.....	xxx	xxx	42,835	xxx	28,774
2399--- 22110 pt	Fabricated textile products, nec., total.....	.....	xxx	xxx	262,735	xxx	13200,553
2399012	Automobile seat covers: Fiber (including combinations with unsupported film).....	1,000 sets..	(NA)	1,228	9,192	}	144,827 1453,330
2399014	Woven saran and other woven plastics (including combinations with unsupported film).....	.....do.....	1,795	1,706	18,267		
2399016	Clear plastic.....	.....do.....	764	797	7,682		
2399019	Other.....	.....do.....	(NA)	1,777	11,163		
2399010	Automobile seat covers, nsk.....	.....do.....	(NA)	(NA)	4,367		
2211031	Diapers: Regular (woven and knitted textile).....	1,000 doz...	14,208	14,258	27,119	}	16,261 25,161
2399023	Disposable.....	.....do.....	xxx	(NA)	3,752		

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958		1954	
			Total production (quantity)	Total shipments including interplant transfers		Value (\$1,000)
				Quantity	Value (\$1,000)	Quantity
2399---	Fabricated textile products, nec.—Continued					
2399031	Sleeping bags.....	1,000.....	1,475	1,470	13,016	905
2399041	Flag banners and similar emblems.....	.....	xxx	xxx	17,211	xxx
2399081	Parachutes.....	Number.....	xxx	(NA)	20,369	(13)
2399098	Other fabricated textile products, nec.....	.....	xxx	xxx	85,590	xxx
2399000	Fabricated textile products, nec.....	.....	xxx	xxx	45,007	xxx
						1425,400

NA Not available.

<sup>1</sup>In 1954, shipments of plastic draperies amounted to 5,385 thousand pairs valued at \$7,360 thousand. Quantity of shipments reported for draperies other than cotton or plastic amounted to 2,730 thousand pairs valued at \$8,785 thousand.

<sup>2</sup>Data for 1958 are for cotton bedspreads and bed sets, except tufted. Data for 1954 are for all bedspreads and bed sets.

<sup>3</sup>1958 data for tufted bedspreads are from the Current Industrial Reports Series M22L.

<sup>4</sup>Man-made fiber sheets and pillowcases are combined with the comparable cotton products in order to avoid disclosing information for individual companies.

<sup>5</sup>The total quantity of sheets shipped in 1954 is not available. However, manufacturers with shipments valued at \$159,582 thousand shipped 8,334 thousand dozen.

<sup>6</sup>Includes \$3,166 thousand reported as other towels.

<sup>7</sup>Includes shipments of bedspreads, bed sets, sheets, pillowcases, towels, and other housefurnishings which were not specified by kind.

<sup>8</sup>In 1954, open mesh cotton and spun paper bags were included with product 2393098.

<sup>9</sup>Excludes commission receipts for Schiffli machine embroidering on material owned by others. In 1958, this amounted to \$22,510 thousand. The 1958 total includes \$3,128 thousand which was not differentiated between the value of product sales and receipts for commission work.

<sup>10</sup>Embroideries, code 2398412, includes \$10,712 thousand which was not differentiated between the value of embroideries shipped and commission receipts for embroidering on materials owned by others. In addition there were other commission receipts reported for Industry 2398. See table 5B.

<sup>11</sup>The 1954 data are commission receipts for establishments classified in old Industry 2398 and are not strictly comparable to the 1958 figure which represents receipts for embroidering (except Schiffli machine) regardless of the establishment's industry classification.

<sup>12</sup>The 1954 data are commission receipts for establishments classified in old Industry 2395 and are not strictly comparable to the 1958 figure which represents receipts for contract tucking, pleating, hemstitching, etc., regardless of the establishment's industry classification.

<sup>13</sup>In 1954, separate data for parachutes were not collected.

<sup>14</sup>Approximately 25 percent of the value reported in 1954 for fabricated textile products, nec, nsf, represented automobile seat covers produced by small establishments that did not report products in detail. In 1958, these establishments generally reported their seat cover shipments in product code 2399010.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the 1958 value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Bedspreads and bed sets</b> (23926 and 22110 pt.): United States, total:			<b>Towels and washcloths</b> (23929 and 22119): United States, total:			<b>Textile bags, except laundry, wardrobe, and shoe (23930)--Continued</b>	1958 <sup>1</sup>	1954
1958.....	111,354		1958.....	174,551		East North Central.....	14,799	21,898
1957.....	111,890		1957.....	164,821		Ohio.....	3,189	4,999
1956.....	107,042		1956.....	168,499		Indiana.....	5,254	5,616
1955.....	107,250		1955.....	156,402		Illinois.....	4,408	6,994
1954.....	89,505		1954.....	147,717		Michigan.....	1,056	1,449
1953.....	84,426		1953.....	152,243		Wisconsin.....	892	2,859
1952.....	84,090		1952.....	150,536		West North Central.....	30,611	41,370
1951.....	73,772		1951.....	141,047		Minnesota.....	5,844	10,583
1947.....	75,859		1947.....	117,159		Missouri.....	19,456	22,990
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954	South Atlantic.....	18,651	26,342
New England.....	14,718	13,089	Middle Atlantic.....	6,260	4,853	Virginia.....	6,951	9,177
Middle Atlantic.....	21,271	17,758	New York.....	2,778	2,446	North Carolina.....	3,193	3,685
New York.....	16,548	12,652	New Jersey.....	2,453	2,152 <sup>(a)</sup>	Georgia.....	6,690	8,457
Pennsylvania.....	4,321	3,060	Pennsylvania.....	1,029		East South Central.....	14,390	21,338
South Atlantic.....	62,877	45,684	North Central.....	3,031	41,906	Tennessee.....	12,260	18,636
North Carolina.....	22,812	10,022	South.....	164,339	4139,090	West South Central.....	33,800	29,879
South Carolina.....	3,784	10,022 <sup>(a)</sup>	Georgia.....	28,197	20,502	Texas.....	21,053	17,522
Georgia.....	36,019	34,711				West.....	29,028	29,983
East South Central.....	9,720	10,909	<b>Textile bags, except laundry, wardrobe, and shoe (23930):</b>	Value of shipments		Oregon.....	8,567	( <sup>2</sup> )
Pacific.....	1,864	1,356	United States, total:			California.....	15,901	16,140
			1958.....	174,902		<b>Automobile and furniture trimmings (23981):</b>	Value of shipments	
<b>Sheets and pillowcases</b> (23928 and 22118):	Value of shipments		1957.....	187,944		United States, total:		
United States, total:			1956.....	204,655		1958.....		160,564
1958.....	239,927		1955.....	200,623		1954.....		151,539
1957.....	248,809		1954.....	210,191		1947.....		30,892
1956.....	242,482		1953.....	245,519			1958 <sup>1</sup>	
1955.....	229,125		1952.....	329,557		Middle Atlantic.....		7,515
1954.....	214,274		1951.....	371,854		New York.....		6,676
	1958 <sup>1</sup>	1954	1950.....	313,072		East North Central.....		140,768
Northeast.....	25,031	29,668	1947.....	334,355		Other regions.....		12,281
South.....	213,165	183,200						
North Carolina.....	69,571	60,350	New England.....	2,686	3,796			
South Carolina.....	83,728	73,997	Massachusetts.....	1,235	( <sup>2</sup> )			
Pacific.....	1,542	( <sup>3</sup> )	Middle Atlantic.....	30,937	35,585			
California.....	1,542	( <sup>3</sup> )	New York.....	17,261	23,810			
			New Jersey.....	5,448	5,172			
			Pennsylvania.....	8,228	6,602			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported in 1958 for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23926 and 22110 pt., Maine, Massachusetts, Tennessee, Alabama, and California; 23928 and 22118, Maine, Massachusetts, New York, Virginia, Georgia, Alabama, Arkansas, Oklahoma, and Texas; 23929 and 22119, Illinois, Virginia, North Carolina, Tennessee, and Alabama; 23930, Iowa, Nebraska, Kansas, Kentucky, Louisiana, Utah, and Washington; 23981, Ohio, Indiana, Illinois, Michigan, Georgia, and California.

<sup>2</sup>Shipments of over \$1 million were reported in 1954 but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported in 1954.

<sup>4</sup>Excludes less than \$1 million reported in the West South Central or West North Central.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description	Unit of measure	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2391—CURTAINS AND DRAPERIES		INDUSTRY 2392—HOUSE-FURNISHINGS, NEC		INDUSTRY 2393—TEXTILE BAGS	
	Materials, containers, supplies, etc., total.....		xxx	118,850	xxx	366,008	xxx	136,983
	Broad woven fabrics, total:							
223331	Cotton.....	1,000 lin. yds.	77,583	28,151	525,835	169,673	190,499	33,168
223415	Rayon and acetate.....	do.	62,059	20,928	41,857	18,118	12,892	1,649
223413	Nylon.....	do.	21,463	7,116	12,164	4,739		
223419	Other broad woven fabrics.....	do.	75,814	28,853	18,194	6,539	553,570	55,601
282315	Unsupported plastic film and sheeting (excluding packaging materials).....	1,000 sq. yds..	46,733	7,240	105,060	18,945	( <sup>2</sup> )	( <sup>2</sup> )
970099	All other materials, containers, supplies, components, etc.....		xxx	7,134	xxx	65,300	xxx	32,125
973000	Materials, containers, supplies, nsk <sup>4</sup> .....		xxx	19,428	xxx	82,694	xxx	15,440
			Quantity		Delivered cost (\$1,000)		Quantity	
							Delivered cost (\$1,000)	
			INDUSTRY 2394—CANVAS PRODUCTS			INDUSTRY 2399—TEXTILE PRODUCTS, NEC		
	Materials, containers, supplies, etc., total.....		xxx	65,127	xxx			134,799
	Broad woven fabrics, total:							
223331	Cotton.....	1,000 lin. yds.	52,117	22,167		95,154		18,931
223415	Rayon and acetate.....	do.	31,713	11,319	31,319	16,191		9,539
223413	Nylon.....	do.				3,725		2,502
223419	Other broad woven fabrics.....	do.	2,019	1,505		12,771		9,817
282315	Unsupported plastic film and sheeting (excluding packaging materials).....	1,000 sq. yds..	2,182	549		16,956		7,792
970099	All other materials, containers, supplies, components, etc.....		xxx	16,382	xxx			47,690
973000	Materials, containers, supplies, nsk <sup>4</sup> .....		xxx	23,205	xxx			38,528

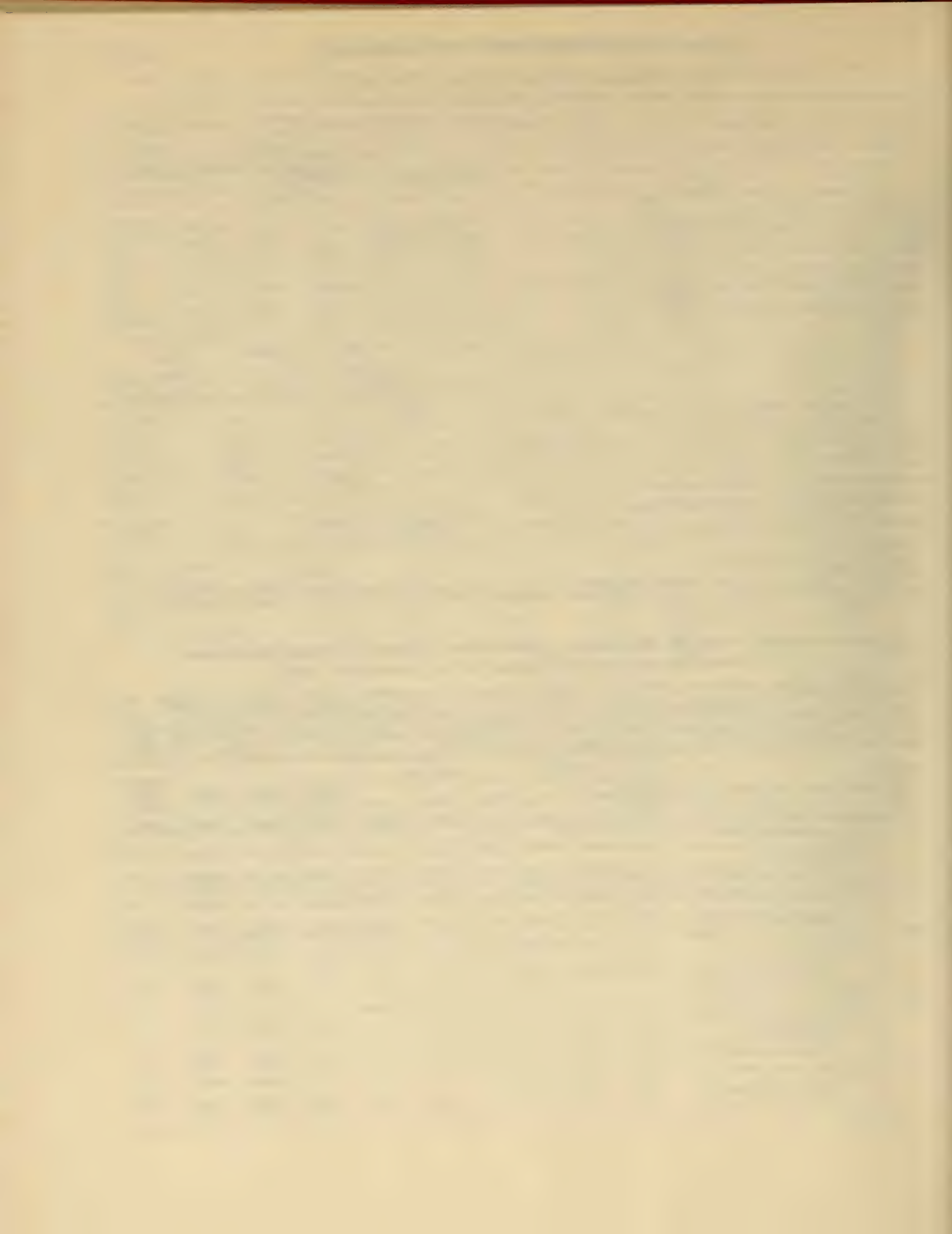
<sup>1</sup>Primarily rayon.<sup>2</sup>Included with "All other materials, etc."<sup>3</sup>Primarily nylon.<sup>4</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2391	CURTAINS AND DRAPERIES (entire industry).....	783	16,366	48,403	14,141	26,814	36,923	87,273	130,865	217,029	1,861
	Establishments with:										
	90% or more specialization.....	597	11,334	34,162	9,635	18,370	25,218	66,406	119,072	184,336	1,490
	75-89% specialization.....	33	349	1,189	256	491	775	2,062	1,896	3,955	( <sup>1</sup> )
2392	HOUSEFURNISHINGS, NEC (entire industry).....	1,205	36,769	113,402	31,552	59,297	83,302	218,295	399,528	616,224	6,072
	Establishments with:										
	90% or more specialization.....	973	23,800	73,136	20,246	37,460	53,464	145,350	268,902	414,073	4,397
	75-89% specialization.....	66	3,453	12,171	2,884	5,623	8,007	26,209	40,164	66,205	( <sup>1</sup> )
23926	Bedsprings and bed sets (primary product class of estab.).....	125	6,061	15,659	5,559	10,319	13,117	29,515	50,590	79,536	989
	Establishments with:										
	90% or more specialization....	80	4,166	10,236	3,832	6,916	8,607	18,897	31,359	49,908	845
	75-89% specialization.....	7	502	1,509	463	945	1,282	4,177	6,606	10,867	(D)
23928	Sheets and pillowcases (primary product class of estab.).....	24	2,300	6,916	2,094	3,899	5,982	12,094	65,199	77,437	( <sup>1</sup> )
23929	Cotton towels and wash cloths (primary product class of estab.)..	36	2,834	8,053	2,576	5,067	6,615	20,288	60,167	80,247	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	16	1,364	3,846	1,238	2,440	3,249	10,690	29,970	40,417	( <sup>1</sup> )
	75-89% specialization.....	6	198	738	158	311	403	1,316	2,623	3,983	( <sup>1</sup> )
2393	TEXTILE BAGS (entire industry).....	237	9,114	30,047	7,557	14,673	21,942	51,638	153,800	204,379	1,512
	Establishments with:										
	90% or more specialization.....	191	5,130	16,462	4,361	8,299	12,283	28,145	84,940	112,188	957
	75-89% specialization.....	13	830	2,821	669	1,308	1,890	4,888	10,991	15,713	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.





# Major Group 24.—Lumber and Wood Products

This major group includes logging camps engaged in cutting timber and pulpwood, sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills, and plywood mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major

Group 25, Furniture and fixtures; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39, Miscellaneous manufactures.

Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

Table 1.—GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees <sup>1</sup>		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	586,753	2,019,009	505,476	959,935	1,624,983	3,176,613	276,893
Administrative and auxiliary establishments <sup>3</sup>	(NA)	(NA)	5,451	32,900	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	37,789	5,884	581,302	1,986,109	505,476	959,935	1,624,983	3,176,613	276,893
Operating manufacturing establishments (based on old SIC).....	37,597	5,865	578,639	1,976,700	503,264	955,777	1,617,990	3,150,290	275,693
Operating manufacturing establishments:									
1957 <sup>4</sup> .....	(NA)	(NA)	645,792	2,110,461	579,099	1,072,438	1,723,341	3,284,511	204,088
1956 <sup>4</sup> .....	(NA)	(NA)	698,406	2,275,589	631,275	1,187,329	1,886,522	3,816,781	292,750
1955 <sup>4</sup> .....	(NA)	(NA)	693,025	2,186,548	627,539	1,201,880	1,819,766	3,743,883	302,272
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	650,409	1,962,582	581,920	1,106,955	1,604,859	3,241,606	217,361
Administrative and auxiliary establishments <sup>3</sup>	(NA)	(NA)	4,473	29,059	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	41,484	6,387	645,963	1,933,523	581,920	1,106,955	1,604,859	3,241,606	217,361
Operating manufacturing establishments:									
1953 <sup>4</sup> .....	(NA)	(NA)	719,900	2,086,794	658,352	1,235,784	1,803,186	3,500,524	182,995
1952 <sup>4</sup> .....	(S)	(NA)	742,705	2,071,546	686,758	1,269,903	1,786,324	3,449,260	177,820
1951 <sup>4</sup> .....	(S)	(NA)	770,493	2,014,894	713,473	1,308,331	1,738,052	3,523,177	239,583
1950 <sup>4</sup> .....	41,506	(NA)	750,499	1,748,234	691,938	1,271,752	1,509,888	3,165,760	191,817
1949 <sup>4</sup> .....	(NA)	(NA)	649,144	1,421,649	600,972	1,083,233	1,210,161	2,283,929	147,481
1947 <sup>6</sup> .....	26,312	(NA)	641,799	1,351,957	601,412	1,255,102	1,191,052	2,520,402	171,574
1939 <sup>6</sup> .....	13,208	(NA)	(NA)	(NA)	422,947	(NA)	355,142	731,208	(NA)
1937 <sup>6</sup> .....	11,747	(NA)	(NA)	(NA)	438,181	(NA)	368,468	714,278	(NA)
1935.....	11,280	(NA)	414,455	340,326	384,160	(NA)	282,568	541,704	(NA)
1933.....	8,356	(NA)	314,402	211,868	293,905	(NA)	181,830	379,130	(NA)
1931.....	11,141	(NA)	(NA)	(NA)	326,674	(NA)	276,489	524,410	(NA)
1929 <sup>7</sup> .....	20,928	(NA)	651,259	759,310	603,426	(NA)	632,183	1,322,049	(NA)
1927.....	14,949	(NA)	649,153	748,375	602,305	(NA)	631,860	1,179,184	(NA)
1925.....	16,878	(NA)	725,762	814,797	674,217	(NA)	693,285	1,332,641	(NA)
1923 <sup>8</sup> .....	16,671	(NA)	745,910	820,046	692,852	(NA)	700,808	1,399,394	(NA)
1921.....	16,548	(NA)	565,809	581,330	520,731	(NA)	482,768	852,830	(NA)
1919.....	35,872	(NA)	714,592	773,506	663,414	(NA)	667,960	1,298,250	(NA)
1914 <sup>9</sup> .....	37,949	(NA)	717,727	409,893	671,580	(NA)	349,021	646,937	(NA)
1909.....	44,822	(NA)	(NA)	(NA)	757,654	(NA)	346,765	708,104	(NA)
1904.....	29,308	(NA)	(NA)	(NA)	595,476	(NA)	272,311	577,475	(NA)
1899.....	32,356	(NA)	(NA)	(NA)	562,932	(NA)	209,112	436,834	(NA)

NA Not available.

S Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

<sup>2</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933 cost of contract work was not subtracted from value of products in calculating value added by manufacture.

<sup>3</sup>Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these establishments are not available for the years 1955-1957, or prior to 1949.

<sup>4</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.

<sup>5</sup>A significant under-coverage in the 1950 and 1949 sample for this major industry group is to be noted, especially in Industry 2411 (logging camps and logging contractors).

<sup>6</sup>The figures for 1937-1947 exclude data for logging contractors and independent logging camps not operating sawmills as well as establishments primarily engaged in manufacture of Venetian blinds, which are included for these years in the series for the "Furniture and Fixtures" industries.

<sup>7</sup>The figures for 1899-1929 do not include data for establishments primarily engaged in manufacture of wood and vehicle stock, which are included for these years in the series for the "Transportation Equipment" industries. Value added by manufacture for 1931, excluding data for these establishments and on a basis comparable with 1929, was \$523.8 million.

<sup>8</sup>The figures for 1899-1923 include data for establishments engaged in manufacture of rules made of metal and other materials as well as wood, whereas the figures for later years include data for establishments making wooden rules only.

<sup>9</sup>The figures for 1914 do not include data for establishments engaged in manufacture of laths and shingles. The figures for 1899-1909 include data for establishments primarily engaged in manufacture of windows and door screens, which are included for later years in the series for the "Furniture and Fixtures" industries. Value added by manufacture for 1914, including data for these establishments, was \$651.8 million.



Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
24	LUMBER AND WOOD PRODUCTS, TOTAL . . .	37 789	5 884	581 302	1 986 109	505 476	959 935	1 624 983	3 176 613	276 893	645 936	3 188 409
	NEW ENGLAND . . . . .	2 997	354	29 898	98 770	25 637	50 742	78 619	149 975	12 862	36 759	145 890
	MAINE . . . . .	1 529	137	12 997	38 688	11 504	23 172	32 732	59 684	5 919	17 622	63 470
	NEW HAMPSHIRE . . . . .	435	65	5 289	17 580	4 518	8 818	13 828	24 680	2 800	6 237	24 478
	VERMONT . . . . .	386	47	3 826	11 168	3 240	6 272	8 945	17 786	1 467	4 820	18 233
	MASSACHUSETTS . . . . .	453	76	5 900	23 570	4 839	9 501	17 418	36 084	1 508	6 000	26 659
	RHODE ISLAND . . . . .	41	3	350	1 297	282	529	889	2 315	78	474	2 407
	CONNECTICUT . . . . .	153	26	1 536	6 467	1 254	2 450	4 807	9 426	1 090	1 604	8 640
	MIDDLE ATLANTIC . . . . .	3 162	411	33 801	124 172	27 884	53 106	92 481	213 249	13 468	37 583	181 359
	NEW YORK . . . . .	1 354	213	16 560	64 893	13 706	26 893	48 346	106 506	6 347	17 872	92 459
	NEW JERSEY . . . . .	338	58	4 990	19 477	4 087	7 694	14 216	41 037	1 514	5 284	28 759
	PENNSYLVANIA . . . . .	1 470	140	12 251	39 802	10 091	18 519	29 919	65 706	5 607	14 425	60 140
	EAST NORTH CENTRAL . . . . .	4 076	618	57 867	218 901	47 584	91 386	158 753	352 371	17 878	66 020	340 851
	OHIO . . . . .	783	111	8 911	35 240	7 127	13 273	24 742	57 719	3 295	9 999	53 987
	INDIANA . . . . .	497	97	9 438	36 884	7 699	15 238	25 501	69 271	3 298	10 789	59 078
	ILLINOIS . . . . .	676	135	11 836	49 584	9 453	17 912	34 353	77 460	2 532	12 495	69 020
	MICHIGAN . . . . .	1 243	135	11 447	40 197	9 466	17 504	30 324	62 318	4 298	14 767	73 174
	WISCONSIN . . . . .	877	140	16 235	56 996	13 839	27 459	43 833	85 603	4 455	17 970	85 589
	WEST NORTH CENTRAL . . . . .	1 764	219	21 474	78 128	17 810	33 863	58 431	131 247	6 938	23 927	117 825
	MINNESOTA . . . . .	752	69	7 185	28 173	5 933	10 837	20 838	54 336	2 442	8 585	46 818
	IOWA . . . . .	191	27	4 712	19 204	3 881	7 748	14 308	30 195	1 257	5 647	27 791
	MISSOURI . . . . .	636	91	6 932	20 846	5 796	10 828	15 751	32 771	2 500	6 485	29 055
	NORTH DAKOTA . . . . .	8	1	50	152	42	74	126	148	17	(*)	(*)
	SOUTH DAKOTA . . . . .	60	11	1 040	3 498	879	1 824	2 788	4 816	365	865	3 374
	NEBRASKA . . . . .	38	11	810	3 197	667	1 394	2 295	4 319	198	1 126	4 604
	KANSAS . . . . .	79	9	745	3 058	612	1 158	2 325	4 662	159	1 209	6 174
	SOUTH ATLANTIC . . . . .	9 682	1 318	123 273	276 599	106 737	195 860	225 044	431 656	45 653	135 102	431 308
	DELAWARE . . . . .	54	13	940	2 327	794	1 381	1 736	3 348	441	1 000	3 465
	MARYLAND . . . . .	375	69	5 135	15 734	4 329	8 276	11 841	23 630	1 473	4 854	21 180
	DISTRICT OF COLUMBIA . . . . .	8	2	106	547	69	138	336	781	20	167	662
	VIRGINIA . . . . .	1 763	222	22 285	49 460	18 888	34 225	39 299	77 184	7 534	22 767	72 647
	WEST VIRGINIA . . . . .	725	70	6 975	15 859	6 011	11 203	13 238	21 915	2 653	7 820	23 160
	NORTH CAROLINA . . . . .	2 507	327	31 253	65 654	27 209	49 739	53 763	101 720	11 222	32 071	100 100
	SOUTH CAROLINA . . . . .	1 229	176	16 563	34 316	14 520	26 455	28 418	51 886	5 761	18 057	51 695
	GEORGIA . . . . .	2 039	283	26 486	57 031	23 076	42 287	47 194	94 906	11 125	32 329	101 530
	FLORIDA . . . . .	982	156	13 530	35 671	11 841	22 156	29 219	56 286	5 424	16 033	56 866
	EAST SOUTH CENTRAL . . . . .	4 536	730	69 843	161 389	61 546	114 432	132 361	247 675	24 134	76 290	259 825
	KENTUCKY . . . . .	722	104	8 921	24 212	7 566	13 895	18 925	39 173	2 687	8 574	31 017
	TENNESSEE . . . . .	1 191	169	17 514	42 388	15 418	29 104	34 415	65 347	5 183	18 016	70 988
	ALABAMA . . . . .	1 614	262	23 773	50 066	21 110	38 939	42 009	77 894	8 637	28 386	86 629
	MISSISSIPPI . . . . .	1 009	195	19 635	44 723	17 452	32 494	37 012	65 261	7 627	21 312	71 189
	WEST SOUTH CENTRAL . . . . .	2 997	539	57 604	149 565	51 004	100 706	123 219	233 601	21 805	63 934	223 885
	ARKANSAS . . . . .	1 152	189	21 260	51 830	19 246	37 832	44 342	78 603	6 952	21 768	71 468
	LOUISIANA . . . . .	783	164	17 089	44 423	15 043	29 722	36 339	67 839	6 516	19 497	68 290
	OKLAHOMA . . . . .	144	20	2 096	5 927	1 761	3 553	4 695	8 588	463	1 929	7 756
	TEXAS . . . . .	918	166	17 159	47 385	14 954	29 599	37 843	78 571	7 874	20 739	76 368
	MOUNTAIN . . . . .	1 537	254	26 386	111 794	23 449	44 460	95 438	165 456	18 974	27 418	172 093
	MONTANA . . . . .	393	62	6 669	29 213	5 868	10 999	24 363	47 549	6 756	6 192	40 751
	IDAHOO . . . . .	479	89	10 337	47 462	9 339	17 824	41 387	66 990	5 958	11 590	83 049
	WYOMING . . . . .	85	11	850	3 262	768	1 486	2 890	4 612	529	908	4 515
	COLORADO . . . . .	255	28	2 642	9 036	2 294	4 306	7 554	12 801	2 691	2 912	12 959
	NEW MEXICO . . . . .	116	25	1 812	6 161	1 616	2 928	5 351	11 559	818	2 032	9 988
	ARIZONA . . . . .	98	26	2 831	11 877	2 528	4 992	10 014	15 378	1 478	2 647	14 702
	UTAH . . . . .	94	9	741	2 473	584	1 096	1 895	3 041	653	596	2 663
	NEVADA . . . . .	17	4	504	2 310	452	829	1 984	3 526	91	539	3 462
	PACIFIC . . . . .	7 037	1 440	161 003	766 121	143 683	275 167	660 002	1 250 025	115 104	178 899	1 315 369
	WASHINGTON . . . . .	1 919	312	41 415	190 903	37 384	69 293	166 193	291 877	21 728	47 529	319 660
	OREGON . . . . .	2 760	585	68 019	328 847	61 423	116 696	286 146	557 156	59 209	75 635	573 672
	CALIFORNIA . . . . .	2 358	543	51 569	246 371	44 876	89 178	207 663	400 992	34 167	55 735	422 036
241	LOGGING CAMPS AND CONTRACTORS, TOTAL <sup>1</sup>	12 805	554	71 505	226 742	62 363	108 463	194 685	387 418	67 904	75 510	389 928
242	SAWMILLS AND PLANING MILLS, TOTAL . .	16 550	2 854	278 003	867 570	244 643	463 008	735 251	1 341 127	138 696	<sup>2</sup> 341 350	<sup>2</sup> 1 595 384
	NEW ENGLAND . . . . .	895	80	6 453	18 692	5 500	10 645	15 416	38 208	3 225	9 375	33 411
	MAINE . . . . .	366	39	2 589	7 097	2 215	4 277	5 859	19 966	1 641	4 354	15 309
	NEW HAMPSHIRE . . . . .	178	13	1 322	3 968	1 116	2 111	3 212	5 734	547	2 017	6 234
	VERMONT . . . . .	180	22	1 629	4 814	1 401	2 871	4 035	7 685	654	1 930	7 560
	MASSACHUSETTS . . . . .	123	4	741	2 228	619	1 112	1 831	3 898	262	700	2 673
	MIDDLE ATLANTIC . . . . .	1 298	102	9 649	29 361	8 180	15 412	23 918	48 296	5 021	11 333	43 213
	NEW YORK . . . . .	377	54	4 095	14 453	3 459	7 118	11 708	24 876	2 206	4 203	18 323
	NEW JERSEY . . . . .	61	2	465	1 839	362	638	1 222	2 869	144	847	3 800
	PENNSYLVANIA . . . . .	860	46	5 089	13 069	4 359	7 656	10 988	20 551	2 671	6 282	21 089
	EAST NORTH CENTRAL . . . . .	1 524	138	12 663	38 462	10 874	20 190	30 792	61 933	5 849	16 063	71 168
	OHIO . . . . .	430	15	2 165	6 845	1 860	3 214	5 462	11 574	1 858	2 684	11 256
	INDIANA . . . . .	258	28	2 002	5 438	1 692	3 069	4 319	7 449	748	3 094	15 473
	ILLINOIS . . . . .	200	23	1 780	4 624	1 566	2 710	3 858	8 647	676	1 539	6 863
	MICHIGAN . . . . .	349	43	3 617	11 646	3 110	6 029	9 346	18 328	1 445	4 465	20 255
	WISCONSIN . . . . .	287	29	3 099	9 909	2 646	5 168	7 807	15 935	1 122	4 279	17 319

See footnotes at end of table.



Table 2—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
242	SAWMILLS AND PLANING MILLS—CON.											
	WEST NORTH CENTRAL. . . . .	773	56	5 355	13 797	4 612	8 361	11 335	21 712	2 477	5 116	20 982
	MINNESOTA. . . . .	215	8	998	2 567	877	1 526	2 140	4 202	689	1 190	4 299
	IOWA. . . . .	102	3	394	1 043	340	613	877	1 790	188	367	1 567
	MISSOURI. . . . .	384	35	2 985	7 070	2 554	4 527	5 791	11 542	1 278	2 780	11 888
	SOUTH DAKOTA. . . . .	30	8	756	2 434	656	1 354	2 024	3 250	284	536	2 108
	KANSAS. . . . .	29	2	187	644	153	284	469	825	20	209	1 006
	SOUTH ATLANTIC. . . . .	5 229	789	67 127	135 719	57 711	103 996	112 001	205 844	25 746	86 513	258 030
	VIRGINIA. . . . .	1 271	137	13 860	27 156	11 732	20 944	22 364	40 899	5 285	16 516	50 756
	WEST VIRGINIA. . . . .	485	49	5 161	11 764	4 465	8 466	9 880	15 034	1 718	6 112	18 113
	NORTH CAROLINA. . . . .	1 580	199	18 862	36 460	16 167	28 692	29 813	56 493	7 102	22 206	67 213
	SOUTH CAROLINA. . . . .	513	106	8 340	15 951	7 355	13 114	13 756	23 923	2 796	11 352	30 638
	GEORGIA. . . . .	930	194	13 676	26 976	11 686	20 938	21 934	43 003	6 506	20 233	58 783
	FLORIDA. . . . .	224	66	4 593	11 030	4 044	7 765	9 188	17 856	1 449	7 092	21 924
	EAST SOUTH CENTRAL. . . . .	2 704	493	43 057	90 948	38 031	70 742	76 571	137 949	15 232	51 570	158 282
	KENTUCKY. . . . .	529	67	5 410	11 561	4 653	8 483	9 529	18 076	1 693	5 368	16 408
	TENNESSEE. . . . .	896	107	11 426	24 789	10 080	18 982	20 994	39 939	3 377	12 407	45 548
	ALABAMA. . . . .	748	188	15 435	31 916	13 728	25 496	26 899	49 271	5 201	20 658	56 728
	MISSISSIPPI. . . . .	531	131	10 786	22 682	9 570	17 781	19 149	30 663	4 961	13 136	39 596
	WEST SOUTH CENTRAL. . . . .	1 261	308	35 804	90 702	32 064	65 012	76 748	132 869	13 523	40 326	136 535
	ARKANSAS. . . . .	623	120	14 748	36 153	13 378	26 709	31 132	54 041	4 386	15 203	50 641
	LOUISIANA. . . . .	257	106	11 199	29 401	10 108	20 581	25 103	41 776	4 094	12 963	44 560
	OKLAHOMA. . . . .	73	9	1 261	3 216	1 133	2 410	2 892	4 590	310	899	3 164
	TEXAS. . . . .	308	73	8 596	21 932	7 445	15 312	17 621	32 462	4 733	11 260	38 168
	MOUNTAIN. . . . .	802	170	18 719	78 494	16 785	32 156	67 652	115 334	12 589	19 734	125 079
	MONTANA. . . . .	209	43	4 985	21 945	4 415	8 376	18 412	36 110	5 014	4 536	30 117
	IDAHO. . . . .	204	60	7 551	33 692	6 899	13 281	29 653	47 889	3 338	8 675	63 611
	WYOMING. . . . .	62	9	667	2 551	604	1 192	2 261	3 531	457	740	3 592
	COLORADO. . . . .	157	19	1 593	5 259	1 414	2 599	4 555	7 772	1 818	1 746	7 108
	NEW MEXICO. . . . .	71	19	1 220	4 112	1 083	2 015	3 540	6 315	553	1 597	7 271
	UTAH. . . . .	53	5	448	1 332	345	640	973	1 609	371	363	1 504
	PACIFIC. . . . .	2 064	718	79 176	371 395	70 886	136 494	320 818	578 982	55 034	101 316	748 681
	WASHINGTON. . . . .	638	158	20 251	90 315	18 381	33 518	78 788	134 304	9 631	24 049	163 029
	OREGON. . . . .	777	291	32 479	156 113	29 235	55 637	135 245	245 819	27 147	45 830	337 708
	CALIFORNIA. . . . .	649	269	26 446	124 967	23 270	47 339	106 785	198 859	18 256	31 436	247 943
243	MILLWORK AND RELATED PRODUCTS, TOTAL	4 125	1 313	134 858	570 802	114 343	226 282	442 861	925 023	46 292	(*)	(*)
	NEW ENGLAND. . . . .	263	67	5 302	20 716	4 363	8 898	15 126	29 822	2 485	(*)	(*)
	MAINE. . . . .	29	7	832	2 977	768	1 720	2 532	4 526	66	(*)	(*)
	NEW HAMPSHIRE. . . . .	27	16	1 229	4 696	1 030	2 162	3 440	5 755	1 139	(*)	(*)
	VERMONT. . . . .	18	10	1 067	3 117	847	1 622	2 256	4 759	133	(*)	(*)
	MASSACHUSETTS. . . . .	123	22	1 409	6 208	1 114	2 205	4 312	9 588	383	(*)	(*)
	RHODE ISLAND. . . . .	12	3	176	786	135	269	508	981	45	(*)	(*)
	CONNECTICUT. . . . .	54	9	589	2 932	469	920	2 078	4 213	719	(*)	(*)
	MIDDLE ATLANTIC. . . . .	558	135	9 750	45 914	7 496	14 829	30 764	77 227	3 074	(*)	(*)
	NEW YORK. . . . .	288	65	4 690	23 627	3 657	7 498	16 266	37 473	1 219	(*)	(*)
	NEW JERSEY. . . . .	105	22	1 702	7 339	1 309	2 395	4 785	13 669	672	(*)	(*)
	PENNSYLVANIA. . . . .	165	48	3 358	14 948	2 530	4 936	9 713	26 085	1 183	(*)	(*)
	EAST NORTH CENTRAL. . . . .	779	235	25 605	112 838	20 091	39 871	76 912	181 746	6 019	(*)	(*)
	OHIO. . . . .	127	36	3 371	15 904	2 390	4 617	9 749	26 479	760	(*)	(*)
	INDIANA. . . . .	96	41	5 312	24 500	4 203	8 706	15 933	49 066	1 903	(*)	(*)
	ILLINOIS. . . . .	234	59	4 735	23 487	3 515	6 687	15 534	34 508	985	(*)	(*)
	MICHIGAN. . . . .	165	33	2 678	12 624	1 960	3 630	8 246	18 743	769	(*)	(*)
	WISCONSIN. . . . .	157	66	9 509	36 323	8 023	16 231	27 450	52 950	1 602	(*)	(*)
	WEST NORTH CENTRAL. . . . .	273	79	9 488	43 115	7 492	14 867	30 531	73 854	2 167	(*)	(*)
	MINNESOTA. . . . .	90	30	3 346	16 507	2 630	5 073	11 436	33 377	671	(*)	(*)
	IOWA. . . . .	43	16	3 821	16 568	3 109	6 301	12 210	25 541	961	(*)	(*)
	MISSOURI. . . . .	76	17	1 231	5 273	882	1 718	3 396	7 838	301	(*)	(*)
	SOUTH DAKOTA. . . . .	11	2	171	683	125	260	452	984	40	(*)	(*)
	NEBRASKA. . . . .	18	8	418	1 836	337	715	1 299	2 703	56	(*)	(*)
	KANSAS. . . . .	31	5	457	2 106	373	736	1 622	3 291	127	(*)	(*)
	SOUTH ATLANTIC. . . . .	611	247	20 642	61 423	18 025	36 300	48 054	94 553	3 688	(*)	(*)
	MARYLAND. . . . .	49	19	1 077	4 564	815	1 713	3 018	7 168	352	(*)	(*)
	VIRGINIA. . . . .	59	34	3 311	10 941	2 676	5 470	7 571	17 309	469	(*)	(*)
	WEST VIRGINIA. . . . .	13	7	485	1 404	417	810	1 168	2 591	278	(*)	(*)
	NORTH CAROLINA. . . . .	151	75	6 139	16 059	5 582	11 200	13 228	24 521	815	(*)	(*)
	SOUTH CAROLINA. . . . .	63	34	3 280	8 721	2 958	5 992	7 038	13 386	533	(*)	(*)
	GEORGIA. . . . .	79	31	3 277	9 503	2 975	6 138	7 982	14 476	483	(*)	(*)
	FLORIDA. . . . .	185	43	2 902	9 457	2 477	4 734	7 513	13 960	713	(*)	(*)
	EAST SOUTH CENTRAL. . . . .	222	90	8 365	26 052	7 212	14 220	19 464	39 320	1 209	(*)	(*)
	KENTUCKY. . . . .	29	12	1 184	4 958	891	1 725	3 120	7 556	90	(*)	(*)
	TENNESSEE. . . . .	64	23	2 057	6 703	1 754	3 554	4 840	9 804	273	(*)	(*)
	ALABAMA. . . . .	88	33	2 658	7 650	2 350	4 681	6 018	11 994	526	(*)	(*)
	MISSISSIPPI. . . . .	41	22	2 466	6 741	2 217	4 260	5 486	9 966	320	(*)	(*)
	WEST SOUTH CENTRAL. . . . .	344	89	7 202	25 157	6 045	11 959	18 483	40 689	2 503	(*)	(*)
	ARKANSAS. . . . .	33	14	1 120	3 452	1 007	2 065	2 711	4 774	193	(*)	(*)
	LOUISIANA. . . . .	66	23	1 746	5 929	1 340	2 533	3 776	8 262	532	(*)	(*)
	OKLAHOMA. . . . .	38	7	433	1 763	309	573	1 058	2 390	56	(*)	(*)
	TEXAS. . . . .	207	45	3 903	14 013	3 389	6 788	10 938	25 263	1 722	(*)	(*)

See footnotes at end of table.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
243	MILLWORK & RELATED PRODUCTS—CON.											
	MOUNTAIN. . . . .	155	29	2 556	11 113	2 240	4 288	9 079	18 096	1 187	(*)	(*)
	MONTANA. . . . .	22	5	568	2 462	505	955	2 058	4 406	290	(*)	(*)
	IDAHO. . . . .	15	2	148	729	132	258	572	802	55	(*)	(*)
	COLORADO. . . . .	34	4	438	1 816	354	707	1 340	2 428	246	(*)	(*)
	NEW MEXICO. . . . .	19	3	336	1 342	312	588	1 196	4 016	113	(*)	(*)
	ARIZONA. . . . .	29	8	521	2 418	465	921	1 922	3 490	233	(*)	(*)
	UTAH. . . . .	25	4	234	971	190	369	777	1 137	201	(*)	(*)
	NEVADA. . . . .	7	3	302	1 328	273	477	1 167	1 772	(0)	(*)	(*)
	PACIFIC. . . . .	920	342	45 948	224 474	41 379	81 050	194 448	369 716	23 960	(*)	(*)
	WASHINGTON. . . . .	169	73	11 818	55 488	10 823	20 767	49 434	82 060	3 001	(*)	(*)
	OREGON. . . . .	203	130	22 109	108 507	20 201	39 893	95 106	192 768	15 188	(*)	(*)
	CALIFORNIA. . . . .	548	139	12 021	60 479	10 355	20 390	49 908	94 888	5 771	(*)	(*)
244	WOODEN CONTAINERS: TOTAL. . . . .	1 278	417	39 569	121 748	35 437	67 743	99 092	183 523	6 332	<sup>2</sup> 52 307	<sup>2</sup> 215 297
	NEW ENGLAND. . . . .	143	38	2 540	8 075	2 220	4 330	6 381	9 896	454	4 147	15 842
	MAINE. . . . .	34	4	304	717	276	529	623	960	82	645	2 370
	NEW HAMPSHIRE. . . . .	23	11	770	2 455	690	1 334	1 980	2 972	215	1 114	4 615
	VERMONT. . . . .	8	...	26	60	22	34	53	87	10	323	998
	MASSACHUSETTS. . . . .	56	16	1 014	3 317	886	1 747	2 615	3 864	117	1 621	6 350
	MIDDLE ATLANTIC. . . . .	232	46	3 442	11 501	3 024	5 772	9 102	16 155	622	5 592	25 642
	NEW YORK. . . . .	115	16	1 323	4 309	1 161	2 211	3 514	6 014	246	2 082	10 185
	NEW JERSEY. . . . .	64	16	1 251	4 257	1 115	2 149	3 367	5 908	276	1 746	8 326
	PENNSYLVANIA. . . . .	53	14	868	2 935	748	1 412	2 221	4 233	100	1 764	7 330
	EAST NORTH CENTRAL. . . . .	269	90	5 856	20 307	5 008	9 603	15 500	28 992	1 278	8 667	37 654
	OHIO. . . . .	68	28	1 552	5 851	1 309	2 422	4 457	8 021	240	2 222	10 502
	INDIANA. . . . .	28	10	616	1 952	526	1 010	1 526	3 218	234	1 063	4 587
	ILLINOIS. . . . .	60	18	1 603	5 884	1 375	2 604	4 340	8 321	276	1 980	8 440
	MICHIGAN. . . . .	62	14	785	2 442	662	1 278	1 929	3 703	203	1 482	6 391
	WISCONSIN. . . . .	51	20	1 300	4 178	1 136	2 289	3 248	5 729	325	1 912	7 732
	WEST NORTH CENTRAL. . . . .	87	23	1 430	4 482	1 244	2 330	3 531	7 542	322	2 397	11 072
	MINNESOTA. . . . .	26	8	407	1 544	359	664	1 275	2 610	103	782	3 689
	IOWA. . . . .	10	3	210	664	193	376	496	1 318	21	360	1 306
	MISSOURI. . . . .	39	9	689	1 900	588	1 113	1 470	3 011	185	764	3 367
	SOUTH ATLANTIC. . . . .	177	94	11 074	27 325	10 164	19 008	22 762	43 170	1 084	12 288	41 347
	MARYLAND. . . . .	25	6	794	2 482	713	1 471	2 103	3 414	13	841	3 053
	VIRGINIA. . . . .	31	18	2 162	4 822	1 943	3 557	3 983	7 122	232	2 142	6 553
	NORTH CAROLINA. . . . .	24	11	1 432	3 501	1 300	2 397	2 843	5 619	102	1 813	5 940
	SOUTH CAROLINA. . . . .	15	11	852	2 115	760	1 477	1 703	3 135	107	918	2 889
	GEORGIA. . . . .	35	26	3 307	8 007	3 128	5 898	6 983	14 750	366	3 488	12 107
	FLORIDA. . . . .	37	18	2 162	5 409	2 013	3 640	4 428	7 727	192	2 835	9 853
	EAST SOUTH CENTRAL. . . . .	92	43	6 017	18 008	5 402	10 340	14 594	27 065	1 096	6 729	28 698
	KENTUCKY. . . . .	21	10	1 246	5 004	1 076	2 051	4 091	6 740	169	775	3 780
	TENNESSEE. . . . .	28	12	1 645	4 968	1 464	2 719	3 865	7 198	715	1 656	10 122
	ALABAMA. . . . .	25	7	697	1 656	648	1 198	1 391	2 708	74	1 460	4 343
	MISSISSIPPI. . . . .	18	14	2 429	6 380	2 214	4 372	5 247	10 419	138	2 837	10 452
	WEST SOUTH CENTRAL. . . . .	61	33	4 069	10 244	3 769	7 402	8 816	16 921	654	6 351	19 668
	ARKANSAS. . . . .	17	10	1 334	3 670	1 231	2 536	3 122	5 765	374	(*)	(*)
	TEXAS. . . . .	29	18	1 740	4 018	1 642	3 057	3 546	6 920	143	2 325	7 400
	MOUNTAIN. . . . .	24	5	278	882	249	413	700	938	87	675	3 057
	COLORADO. . . . .	5	2	101	350	91	174	282	359	11	322	1 179
	PACIFIC. . . . .	193	45	4 863	20 924	4 357	8 545	17 706	32 844	735	5 457	32 114
	WASHINGTON. . . . .	28	7	649	2 606	607	1 106	2 258	4 737	106	984	5 442
	OREGON. . . . .	31	12	1 043	4 002	949	1 650	3 445	6 054	134	979	5 478
	CALIFORNIA. . . . .	134	26	3 171	14 316	2 801	5 789	12 003	22 053	495	3 493	21 193
249	MISCELLANEOUS WOOD PRODUCTS: TOTAL. . . . .	3 031	746	57 367	199 247	48 690	94 439	153 094	339 522	17 669	(*)	(*)
	NEW ENGLAND. . . . .	385	120	9 524	32 480	8 316	16 617	25 834	48 251	2 521	(*)	(*)
	MAINE. . . . .	108	48	4 525	13 260	4 129	8 403	11 307	18 015	938	(*)	(*)
	NEW HAMPSHIRE. . . . .	53	18	1 166	3 878	1 013	1 978	3 099	5 941	426	(*)	(*)
	VERMONT. . . . .	51	14	767	2 349	675	1 273	1 868	3 827	226	(*)	(*)
	MASSACHUSETTS. . . . .	127	33	2 613	11 272	2 115	4 224	8 203	17 223	698	(*)	(*)
	CONNECTICUT. . . . .	30	7	359	1 425	303	601	1 139	2 339	210	(*)	(*)
	MIDDLE ATLANTIC. . . . .	634	122	9 507	33 506	7 916	14 927	25 331	63 963	2 945	(*)	(*)
	NEW YORK. . . . .	406	73	5 760	20 236	4 837	9 048	14 951	33 994	1 664	(*)	(*)
	NEW JERSEY. . . . .	84	18	1 521	5 900	1 252	2 425	4 704	18 249	362	(*)	(*)
	PENNSYLVANIA. . . . .	144	31	2 226	7 370	1 827	3 454	5 676	11 720	919	(*)	(*)
	EAST NORTH CENTRAL. . . . .	589	138	10 741	41 010	8 932	17 325	29 976	68 575	2 568	(*)	(*)
	OHIO. . . . .	113	31	1 707	6 388	1 463	2 850	4 845	11 225	351	(*)	(*)
	INDIANA. . . . .	82	18	1 456	4 896	1 230	2 377	3 635	9 346	355	(*)	(*)
	ILLINOIS. . . . .	146	35	3 635	15 451	2 923	5 782	10 500	25 653	528	(*)	(*)
	MICHIGAN. . . . .	164	38	2 694	10 170	2 256	4 161	7 832	15 332	629	(*)	(*)
	WISCONSIN. . . . .	84	16	1 249	4 105	1 060	2 155	3 164	7 019	705	(*)	(*)
	WEST NORTH CENTRAL. . . . .	170	48	3 232	11 777	2 750	5 427	8 798	20 084	1 024	(*)	(*)
	MINNESOTA. . . . .	38	12	720	3 120	579	1 074	2 215	6 779	144	(*)	(*)
	IOWA. . . . .	15	5	234	833	190	375	637	1 382	41	(*)	(*)
	MISSOURI. . . . .	97	28	1 880	6 307	1 644	3 256	4 831	10 163	691	(*)	(*)

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more man- employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)
249	MISCELLANEOUS WOOD PRODUCTS—CON.											
	SOUTH ATLANTIC . . . . .	362	93	6 746	20 004	5 662	10 624	14 990	35 046	2 115	(*)	(*)
	MARYLAND . . . . .	30	11	706	2 484	598	1 134	1 762	4 431	209	(*)	(*)
	VIRGINIA . . . . .	51	19	1 176	3 313	999	1 721	2 581	6 062	302	(*)	(*)
	NORTH CAROLINA . . . . .	88	18	1 249	3 647	1 073	2 102	2 833	5 762	449	(*)	(*)
	SOUTH CAROLINA . . . . .	27	8	789	2 198	645	1 196	1 622	3 226	118	(*)	(*)
	GEORGIA . . . . .	54	16	1 326	3 899	1 107	2 163	2 861	7 259	332	(*)	(*)
	FLORIDA . . . . .	82	14	1 000	3 040	846	1 689	2 360	6 354	564	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	208	73	5 635	15 193	5 002	9 399	11 967	26 023	1 552	(*)	(*)
	KENTUCKY . . . . .	41	13	707	2 061	624	1 126	1 645	5 731	471	(*)	(*)
	TENNESSEE . . . . .	75	26	1 911	5 128	1 701	3 136	4 030	7 130	302	(*)	(*)
	ALABAMA . . . . .	44	15	923	2 427	823	1 655	2 016	4 082	248	(*)	(*)
	MISSISSIPPI . . . . .	48	19	2 094	5 577	1 854	3 482	4 276	9 080	531	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	226	65	4 707	13 150	4 064	7 823	10 287	22 823	1 533	(*)	(*)
	ARKANSAS . . . . .	58	25	1 723	4 331	1 581	3 037	3 722	7 225	581	(*)	(*)
	TEXAS . . . . .	107	23	1 758	5 310	1 453	2 758	3 869	10 192	535	(*)	(*)
	MOUNTAIN . . . . .	47	10	751	2 388	636	1 174	1 990	4 204	491	(*)	(*)
	IDAHO . . . . .	10	3	139	456	118	205	380	1 177	16	(*)	(*)
	COLORADO . . . . .	14	3	332	1 015	280	574	865	1 442	361	(*)	(*)
	PACIFIC . . . . .	410	77	6 524	29 739	5 412	11 123	23 921	50 553	2 920	(*)	(*)
	WASHINGTON . . . . .	59	15	983	6 710	824	2 511	5 672	8 698	313	(*)	(*)
	OREGON . . . . .	97	18	1 110	4 731	977	1 762	3 906	9 189	572	(*)	(*)
	CALIFORNIA . . . . .	254	44	4 431	18 298	3 611	6 850	14 343	32 666	2 035	(*)	(*)

Note: Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

<sup>2</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Lumber and wood products (SIC 24)	Logging camps and contractors (SIC 241)	Sawmills and planing mills (SIC 242)	Millwork and related products (SIC 243)	Wooden containers (SIC 244)	Miscellaneous wood products (SIC 249)
Number of establishments.....	37,789	12,805	16,550	4,125	1,278	3,031
With 1-19 employees.....	31,905	12,251	13,696	2,812	861	2,285
With 20-99 employees.....	4,917	514	2,425	999	324	655
With 100 employees or more.....	967	40	429	314	93	91
Proprietors and working partners.....Number..	38,072	14,425	18,017	2,661	872	2,097
All employees:						
Number (average for the year).....	581,302	71,505	278,003	134,858	39,569	57,367
Payroll.....\$1,000..	1,986,109	226,742	867,570	570,802	121,748	199,247
Production workers:						
Number (average for the year).....	505,476	62,363	244,643	114,343	35,437	48,690
March.....	466,438	51,781	226,900	106,107	33,978	47,672
May.....	500,657	62,241	243,881	110,692	35,666	48,177
August.....	529,970	69,569	256,749	118,272	36,012	49,368
November.....	524,194	65,861	251,743	119,968	36,020	50,602
Man-hours.....1,000..	959,935	108,463	463,008	226,282	67,743	94,439
January-March.....do....	214,360	22,468	102,408	51,114	15,680	22,690
April-June.....do....	240,562	27,101	117,430	55,212	17,357	23,462
July-September.....do....	252,895	30,064	122,943	59,089	17,296	23,503
October-December.....do....	252,118	28,830	120,227	60,867	17,410	24,784
Wages.....\$1,000..	1,624,983	194,685	735,251	442,861	99,092	153,094
Value added by manufacture, adjusted.....do....	3,176,613	387,418	1,341,127	925,023	183,523	339,522
Cost of fuels consumed.....do....	70,177	17,446	38,456	7,600	1,276	5,399
Cost of electricity purchased.....do....	49,456	1,281	26,268	13,202	3,254	5,451
Manufacturers' inventories:						
Beginning of year, total.....do....	1,320,044	117,846	671,615	305,358	76,273	148,952
Finished products.....do....	571,837	75,164	336,490	82,143	18,920	59,120
Work-in-process.....do....	302,724	19,441	183,724	58,152	13,877	27,530
Materials, supplies, fuels, etc.....do....	445,483	23,241	151,401	165,063	43,476	62,302
End of year, total.....do....	1,348,210	115,634	690,974	326,243	71,455	143,904
Finished products.....do....	569,808	71,388	332,248	88,920	18,746	58,506
Work-in-process.....do....	300,531	19,914	177,343	64,708	13,438	25,128
Materials, supplies, fuels, etc.....do....	477,871	24,332	181,383	172,615	39,271	60,270
Expenditures for plant and equipment, total.....do....	297,741	71,727	147,927	51,422	7,524	19,141
New, total.....do....	276,893	67,904	138,696	46,292	6,332	17,669
New structures and additions to plant.....do....	91,016	14,152	54,690	13,735	2,093	6,346
New machinery and equipment.....do....	185,877	53,752	84,006	32,557	4,239	11,323
Used plant and equipment.....do....	20,848	3,823	9,231	5,130	1,227	1,472

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.



# Logging Camps, Sawmills and Planing Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2411—Logging Camps and Logging Contractors
- 2421—Sawmills and Planing Mills, General
- 2426—Hardwood Dimension and Flooring Mills
- 2429—Special Product Sawmills, N.E.C.

## 2411—Logging Camps and Logging Contractors

This industry comprises establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulp mills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in Group 242, veneer and plywood mills in Group 243, pulp mills in Major Group 26, and charcoal and wood distillation plants in Group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in nonmanufacturing industries. For a detailed list of products of Industry 2411, refer to table 6A, product codes 2411011 to 2411911.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

In the 1958 Census, report forms were mailed to all establishments identified as loggers on BOASI records. Since this canvass included all establishments identified as loggers employing one or more workers and for whom a separate Social Security account was maintained, the only logging operations excluded were those conducted by farmers and other owner-operators. In 1958 as in 1954, logging operations carried on by sawmills and other primary converters as an integral part of their manufacturing activity were reported as part of the converting establishment.

Value of shipments and other receipts of the Logging Camps and Contractors industry in 1958 totaled \$865 million. This included shipments of logging products (primary products), valued at \$806 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts of \$41 million (mainly resales of products manufactured by others).

The industry's shipments of logging products (primary products) in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 98 percent.

Industry 2411 shipments of logging products (primary products) in 1958 represented 92 percent (coverage ratio) of these products valued at \$872 million shipped by all

industries. In 1954, the coverage ratio was 90 percent. Other industries shipping logging products (primary products) consisted mainly of Industry 2421, Sawmills and Planing Mills, \$57 million; Industry 2426, Hardwood Dimensions and Flooring, \$1 million; and Industry 2429, Special Product Sawmills, N.E.C., \$1 million.

## 2421—Sawmills and Planing Mills, General

This industry comprises establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or re-sawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties, and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shook or boxes are classified in Group 244; and sash, doors, wood molding, window and door frames, and other fabricated millwork in Industry 2431; and hardwood dimension and flooring in Industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this Industry. For a detailed list of products of Industry 2421, refer to table 6A, product codes 2421111 to 2421999.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been changed from the previous classification system. Hardwood dimension and hardwood flooring formerly classified in this industry are now considered primary to Industry 2426, Hardwood Dimension and Flooring. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

Special enumerating and reporting techniques were used for the lumber industry in 1958 to provide as complete coverage as possible. With BOASI records forming the basis for the mailing list, report forms were mailed to all sawmills which had a Social Security account. Because there are thousands of portable mills in the East with no fixed address, a field canvass of sample area segments was made in 36 States to supplement the mail canvass. This area segment sample provided an estimate of lumber production and stocks for these small operators as well as for establishments classified in industries in which specific provision was not made on the Census form for reporting such data. Consequently, it is believed that the data presented for 1958 provide complete coverage of lumber production and stocks, and the 1958 production and stocks data can be considered to be comparable with 1954.

The general statistics in table 1 through 4 cannot be related directly to the lumber production information shown in table 6C, since the latter table contains the production of all sawmills, (including more than 16,000 sawmills for which production estimates were provided from the area sample) while the general statistics do not include data for the group estimated from the area sample.



Value of shipments and other receipts of the Sawmills and Planing Mills industry in 1958 totaled \$2,914 million. This included shipments of sawmill and planing mill products (primary products), valued at \$2,571 million, shipments of other products (secondary products) valued at \$231 million, and miscellaneous receipts of \$113 million (mainly resales of products manufactured by others).

This industry's shipments of sawmill and planing mill products (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of wood window and door frames, \$6 million; finished wood moldings, \$21 million; softwood plywood, interior type, \$12 million; softwood veneer, \$7 million; box shoo, fruit, vegetable, industrial, etc., \$20 million; wood owned and treated by same establishment, \$7 million; and wood products, n.e.c., \$2 million.

Industry 2421 shipments of sawmill and planing mill products (primary products) in 1958 represented 97 percent (coverage ratio) of these products valued at \$2,660 million shipped by all industries. Other industries shipping sawmill and planing mill products (primary products) consisted mainly of Industry 2411, Logging Camps and Contractors, \$7 million; Industry 2426, Hardwood Dimension and Flooring, \$19 million; Industry 2429, Special Product Sawmills, N.E.C., \$2 million; and Industry 2432, Veneer and Plywood, \$22 million; and Industry 2431, Millwork Plants, \$8 million.

#### 2426—Hardwood Dimension and Flooring Mills

This industry comprises establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semi-fabricated or ready for assembly; and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in Industry 2431, and those manufacturing textile machinery bobbins, picker sticks, and shuttles in Industry 3552. For a detailed list of products of Industry 2426, refer to table 6A, product codes 2426111 to 2426286.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual establish for the first time hardwood dimension and flooring plants as a separate industry. In 1954, hardwood flooring was classified in Industry 2421, Sawmills and Planing Mills, and hardwood dimension in Industry 2499, Wood Products, N.E.C. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

Value of shipments and other receipts of the Hardwood Dimension and Flooring industry in 1958 totaled \$261 million. This included shipments of hardwood dimension and

flooring (primary products), valued at \$205 million, shipments of other products (secondary products) valued at \$40 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$16 million.

This industry's shipments of hardwood dimension and flooring (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of finished wood moldings, \$2 million, and wood products, n.e.c., \$2 million.

Industry 2426 shipments of hardwood dimension and flooring (primary products) in 1958 represented 81 percent (coverage ratio) of these products valued at \$251 million shipped by all industries. Other industries shipping hardwood dimension and flooring (primary products) consisted mainly of Industry 2421, Sawmills and Planing Mills, \$31 million; and Industry 2499, Wood Products, N.E.C., \$7 million.

#### 2429—Special Product Sawmills, N.E.C.

This industry comprises establishments primarily engaged in manufacturing excelsior, wood shingles, and co-operation stock, and in sawing special products, n.e.c. For a detailed list of products of Industry 2429, refer to table 6A, product codes 2429001 to 2429089.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

Value of shipments and other receipts of the Special Product Sawmills, N.E.C., Industry in 1958 totaled \$89 million. This included shipments of special sawmill products, n.e.c. (primary products), valued at \$78 million, shipments of other products (secondary products) valued at \$6 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$5 million.

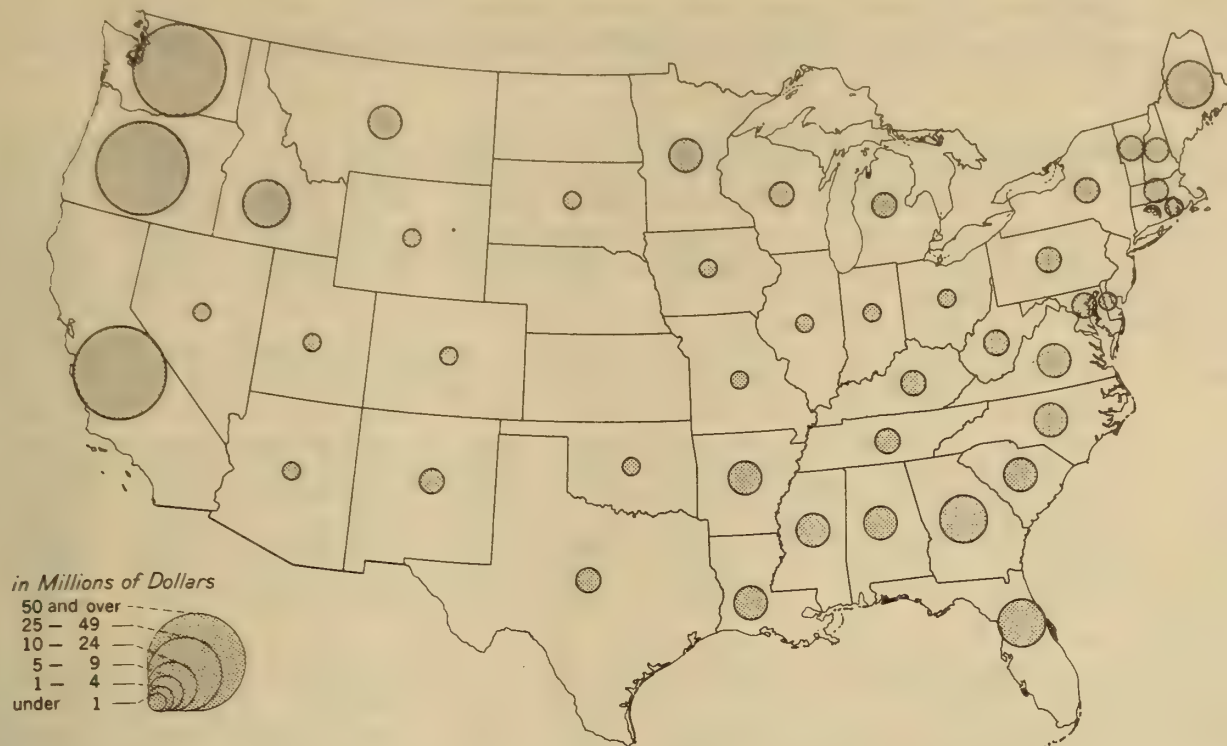
This industry's shipments of special sawmill products, n.e.c. (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary).

Industry 2429 shipments of special sawmill products, n.e.c. (primary products) in 1958 represented 60 percent (coverage ratio) of these products valued at \$130 million shipped by all industries. Other industries shipping special sawmill products, n.e.c. (primary products) consisted mainly of Industry 2421, Sawmills and Planing Mills, \$47 million; and Industry 2432, Veneer and Plywood Plants, \$2 million.



# LOGGING CAMPS AND LOGGING CONTRACTORS: SIC 241

Value Added by Manufacture by State: 1958

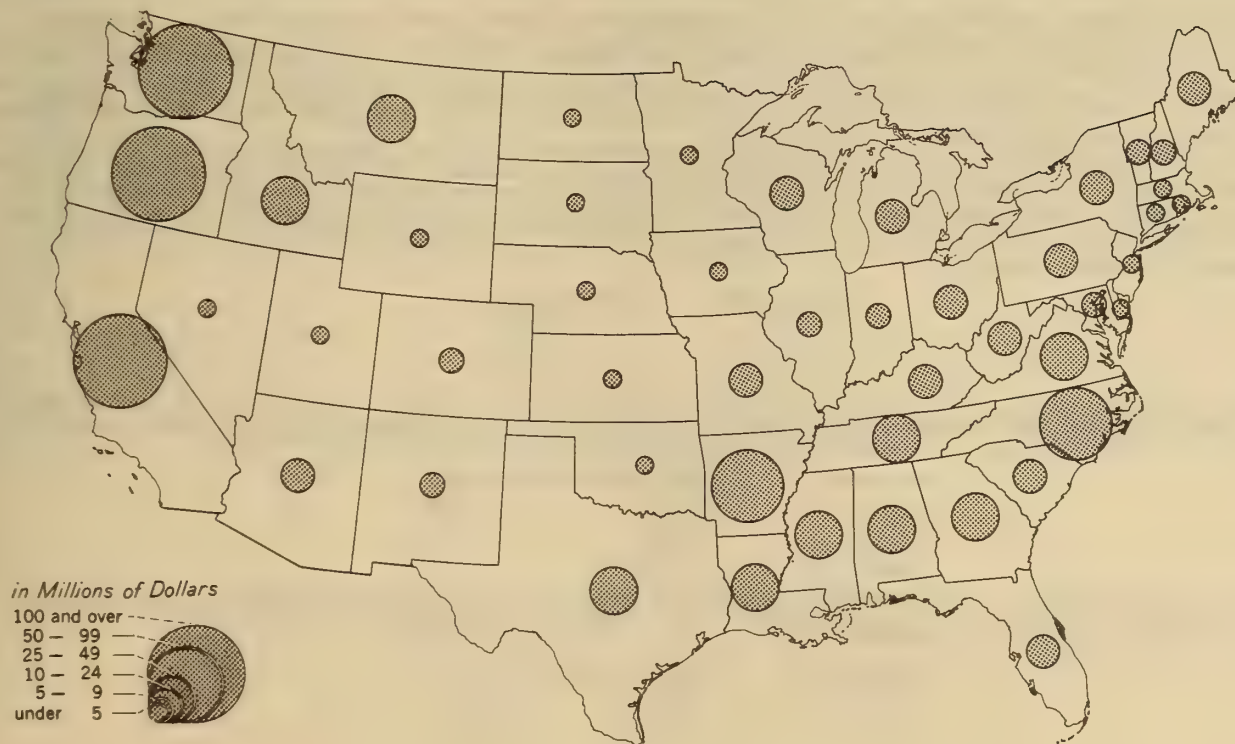


Includes only Industry 2411. See Table 2.

Bureau of the Census M-58-D241

# SAWMILLS AND PLANING MILLS: SIC 242

Value Added by Manufacture by State: 1958



Includes Industries 2421, 2426 and 2429. See Table 2.

Bureau of the Census M-58-D242

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2411 (Old SIC) 2411	Logging camps and contractors														
	1958.....	12,627	12,805	554	71,505	226,742	62,363	108,463	194,685	387,418	474,619	865,340	67,904	98	92
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	79,224	235,747	71,370	112,734	200,362	429,822	397,444	833,336	36,905	99	86
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	90,062	278,136	82,607	138,507	244,806	512,753	451,961	943,630	66,857	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	84,789	262,058	77,295	135,314	232,438	466,428	435,747	903,950	(S)	(NA)	(NA)
	1954.....	12,789	12,865	549	75,510	210,625	68,171	115,575	182,295	392,766	380,236	774,309	48,632	98	89
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	80,930	232,706	75,992	(NA)	218,083	452,670	305,491	758,161	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	73,863	207,915	70,953	(NA)	195,088	384,063	292,125	676,188	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	78,797	211,624	75,185	(NA)	197,423	366,145	259,382	625,527	(NA)	(NA)	(NA)
2421	Sawmills and planing mills <sup>9</sup>														
	1958 <sup>10</sup> (new).....	15,371	15,636	2,486	245,687	770,296	215,699	406,984	655,668	1,194,650	1,709,840	2,914,315	129,369	92	97
	1958 (old).....	(NA)	16,046	2,709	268,496	839,749	236,177	449,162	712,130	1,292,640	1,857,753	3,158,225	136,668	96	97
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	310,260	964,572	286,429	531,997	817,590	1,418,641	1,989,701	3,355,655	110,145	92	85
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	341,794	1,055,692	316,487	592,654	903,214	1,785,136	2,132,966	3,831,499	164,327	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	340,682	1,005,907	315,144	598,944	860,199	1,744,379	2,092,246	3,798,581	165,277	(NA)	(NA)
	1954.....	(S)	19,778	3,180	321,199	906,847	296,070	558,428	781,760	1,517,750	1,958,813	3,483,459	115,533	93	88
	1953 <sup>8,11</sup> .....	(NA)	(NA)	(NA)	379,275	1,023,193	351,904	645,644	916,938	1,721,947	1,865,552	3,587,499	(NA)	(NA)	(NA)
	1952 <sup>8,11</sup> .....	(NA)	(NA)	(NA)	414,911	1,052,686	389,918	687,742	934,240	1,804,908	1,790,548	3,595,486	(NA)	(NA)	(NA)
	1951 <sup>8,11</sup> .....	(NA)	(NA)	(NA)	423,999	996,284	398,165	693,268	879,948	1,825,152	1,745,224	3,570,376	(NA)	(NA)	(NA)
	1950 <sup>8,11</sup> .....	(NA)	(NA)	(NA)	458,546	962,125	430,962	750,976	860,705	1,829,858	1,691,863	3,521,721	(NA)	(NA)	(NA)
	1949 <sup>8,11</sup> .....	(NA)	(NA)	(NA)	378,437	761,012	356,552	621,393	677,082	1,276,177	1,203,712	2,479,889	(NA)	(NA)	(NA)
	1947 <sup>10</sup> .....	(NA)	19,049	(NA)	383,449	752,522	366,551	755,568	689,266	1,487,969	1,031,484	2,519,455	(NA)	(NA)	(NA)
	1939.....	(NA)	7,320	(NA)	(NA)	(NA)	248,274	(NA)	201,902	395,691	301,646	697,337	(NA)	(NA)	(NA)
2426	Hardwood dimension and flooring <sup>12</sup>														
	1958.....	415	436	263	25,140	75,177	22,479	45,346	60,779	110,354	151,993	260,645	7,645	84	81
2429	Special product sawmills, nec <sup>13</sup>														
	1958.....	418	478	105	7,176	22,097	6,465	10,678	18,804	36,123	50,901	89,381	1,682	93	60
	1954.....	(NA)	448	108	7,324	20,038	6,817	11,261	17,310	(NA)	41,163	74,852	1,448	(NA)	(NA)
	1947.....	(NA)	490	(NA)	15,898	30,153	15,270	(NA)	27,624	47,151	41,743	88,894	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry code	Value added (\$1,000)
2411	389,928
2421	1,502,911
2426	xxx
2429	30,222

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2411	449,321	343,525
2421	1,625,478	1,744,005
2426	140,466	xxx
2429	47,024	38,807

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry code	Value of Shipments (\$1,000)	
	1958	1954
2411	835,997	733,417
2421	2,817,034	3,247,200
2426	246,594	xxx
2429	84,549	72,028

Footnotes continued on next page.



Footnotes for Table 1—24A—Continued

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The 1958 figures are shown on the new and old definition of the industry. General statistics for this industry excludes estimates for 16,000 establishments included in table 6C Lumber production. See text for further limitations of data for this industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>10</sup>See text for explanation of differences in coverage for these years.

<sup>11</sup>Data for "Shingle Mills" (Industry 2423) included with Industry 2421 for 1949-1953.

<sup>12</sup>This industry appears for the first time as a result of the 1957 Standard Industrial Classification. See the text and table 1A for a detailed explanation of the composition of the industry.

<sup>13</sup>The 1957 Standard Industrial Classification combined in this industry three industries which were separate in the 1945 Standard Industrial Classification. These were: Industry 2423, Shingle Mills, Industry 2424, Cooperage Stock Mills, and Industry 2425, Excelsior Mills. The data for 1954 and 1947 for these three industries have been combined.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2421—Sawmills and planing mills.....	15,636	2,486	245,687	1,194,650	xxx	xxx	xxx	xxx
Old Industry 2421—Sawmills and planing mills.....	15,623	2,483	245,032	1,189,360	16,046	2,709	268,496	1,292,640
All other industries <sup>1</sup> .....	13	3	655	5,290	xxx	xxx	xxx	xxx
New Industry 2426—Hardwood dimension and flooring.....	436	263	25,140	110,354	xxx	xxx	xxx	xxx
Old Industry 2421—Sawmills and planing mills.....	340	209	21,546	93,429	16,046	2,709	268,496	1,298,702
Old Industry 2499—Wood products, nec.....	96	54	3,594	16,925	2,311	521	37,757	193,234
New Industry 2429—Special product sawmills, nec.....	478	105	7,176	36,123	xxx	xxx	xxx	xxx
Old Industry 2421—Sawmills and planing mills <sup>2</sup> .....	38	...	251	1,495	16,046	2,709	268,496	1,298,702
Old Industry 2423—Shingle mills.....	219	40	2,731	17,159	219	40	2,731	17,159
Old Industry 2424—Cooperage stock mills.....	156	44	2,958	10,499	156	44	2,958	10,499
Old Industry 2425—Excelsior mills.....	65	21	1,236	6,970	65	21	1,236	6,970

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>2</sup>Includes one establishment classified in the old Industry 2411, Logging Camps and Contractors.

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2411	Logging camps and contractors, total.....	12,805	554	71,505	226,742	62,363	108,463	194,685	387,418	865,340	67,904	75,510	389,928	(NA)
	New England.....	1,311	49	6,079	18,807	5,238	10,252	15,862	23,798	69,928	4,177	8,313	30,427	(NA)
	Maine.....	992	39	4,747	14,637	4,116	8,243	12,411	16,217	52,908	3,192	6,587	23,415	(NA)
	New Hampshire..	154	7	802	2,583	669	1,233	2,097	4,278	11,603	(2)	1,156	5,067	(NA)
	Vermont.....	129	1	337	828	295	472	733	1,428	2,713	(2)	489	1,691	(NA)
	Massachusetts..	24	1	123	545	105	213	457	1,511	2,027	(2)	(3)	(3)	(NA)
	Middle Atlantic..	440	6	1,453	3,890	1,268	2,166	3,366	7,608	14,181	1,806	1,714	7,467	(NA)
	New York.....	168	5	692	2,268	592	1,018	1,907	4,149	8,112	1,012	901	5,116	(NA)
	Pennsylvania....	248	1	710	1,480	627	1,061	1,321	3,117	5,439	734	757	2,119	(NA)
	East North Central.....	915	17	3,002	6,284	2,679	4,397	5,573	11,015	21,882	2,164	3,836	13,170	(NA)
	Ohio.....	45	1	116	252	105	170	229	420	976	(2)	114	295	(NA)
	Michigan.....	503	7	1,673	3,315	1,478	2,406	2,971	6,212	10,902	1,252	2,390	8,404	(NA)
	Wisconsin.....	298	9	1,078	2,481	974	1,616	2,164	3,860	8,864	701	1,228	4,175	(NA)
	West North Central.....	461	13	1,969	4,957	1,712	2,878	4,236	8,055	18,660	948	2,446	7,777	(NA)
	Minnesota.....	383	11	1,714	4,435	1,488	2,500	3,772	7,368	15,515	835	2,191	7,107	(NA)
	Missouri.....	40	2	147	296	128	214	263	217	2,270	(2)	(3)	(3)	(NA)
	South Atlantic... 3,303	95	17,684	32,128	15,175	25,932	27,237	53,043	110,727	13,020	14,638	43,534	(NA)	
	Delaware.....	17	1	165	320	147	244	281	685	1,139	(2)	102	370	(NA)
	Maryland.....	71	2	296	549	265	451	494	1,121	1,961	(2)	191	671	(NA)
	Virginia.....	351	14	1,776	3,228	1,538	2,533	2,800	5,792	10,563	1,246	1,372	3,839	(NA)
	West Virginia..	194	6	801	1,332	695	1,202	1,153	2,097	4,437	506	794	1,920	(NA)
	North Carolina..	664	24	3,571	5,987	3,087	5,348	5,046	9,325	21,652	2,754	2,486	6,694	(NA)
	South Carolina..	611	17	3,302	5,331	2,802	4,676	4,299	8,216	15,668	2,207	2,736	6,697	(NA)
	Georgia.....	941	16	4,900	8,646	4,180	7,150	7,434	15,418	34,574	3,438	3,954	12,331	(NA)
	Florida.....	454	15	2,873	6,735	2,461	4,328	5,730	10,389	20,733	2,506	3,000	11,008	(NA)
	East South Central.....	1,310	31	6,769	11,188	5,899	9,731	9,765	17,318	39,946	5,045	5,234	14,960	(NA)
	Kentucky.....	102	2	374	628	322	510	540	1,070	2,429	(2)	278	624	(NA)
	Tennessee.....	128	1	475	800	419	713	686	1,276	3,086	516	392	943	(NA)
	Alabama.....	709	19	4,060	6,417	3,561	5,909	5,685	9,839	21,982	2,588	2,910	8,137	(NA)
	Mississippi.....	371	9	1,860	3,343	1,597	2,599	2,854	5,133	12,449	1,677	1,653	5,255	(NA)
	West South Central.....	1,105	44	5,822	10,312	5,062	8,510	8,885	20,299	44,133	3,592	6,202	19,617	(NA)
	Arkansas.....	421	20	2,335	4,224	2,049	3,485	3,655	6,798	14,757	1,418	(3)	(3)	(NA)
	Louisiana.....	404	16	2,252	3,853	1,919	3,220	3,247	9,500	19,277	1,413	2,505	7,948	(NA)
	Texas.....	267	7	1,162	2,112	1,025	1,684	1,869	3,734	9,448	741	1,618	5,737	(NA)
	Mountain.....	509	40	4,082	18,917	3,539	6,430	16,017	26,884	63,741	4,620	4,072	26,690	(NA)
	Montana.....	153	12	1,000	4,354	848	1,506	3,548	6,412	15,759	1,396	1,085	7,023	(NA)
	Idaho.....	239	24	2,424	12,418	2,121	3,976	10,632	16,916	41,546	2,538	(3)	(3)	(NA)
	Colorado.....	45	...	178	596	155	253	512	800	1,793	(2)	161	774	(NA)
	Arizona.....	18	2	136	475	117	236	400	907	1,661	(2)	(3)	(3)	(NA)
	Pacific.....	3,451	259	24,645	120,259	21,791	38,167	103,744	219,398	482,142	32,532	29,050	226,284	(NA)
	Washington....	1,026	60	7,867	36,454	6,891	11,603	30,676	63,546	161,846	8,754	9,116	65,620	(NA)
	Oregon.....	1,652	134	11,278	55,494	10,061	17,754	48,444	103,326	211,263	16,168	14,021	112,470	(NA)
	California.....	773	65	5,500	28,311	4,839	8,810	24,624	52,526	109,033	7,610	5,912	48,192	(NA)
2421	Sawmills and planing mills, total.....	15,636	2,486	245,687	770,296	215,699	406,984	655,668	1,194,650	2,914,315	129,369	(4)	(4)	(NA)
	New England.....	848	68	5,779	16,628	4,895	9,340	13,642	35,372	61,098	3,091	(4)	(4)	(NA)
	Maine.....	357	36	2,449	6,661	2,087	4,003	5,474	19,423	24,856	1,594	(4)	(4)	(NA)
	New Hampshire..	167	11	1,160	3,507	974	1,810	4,989	13,712	532	(4)	(4)	(4)	(NA)
	Vermont.....	165	16	1,367	4,041	1,164	2,369	3,369	6,721	14,899	612	(4)	(4)	(NA)
	Massachusetts..	115	4	680	2,042	562	974	1,670	3,611	6,479	(2)	(4)	(4)	(NA)
	Middle Atlantic..	1,235	76	7,988	23,214	6,807	12,655	19,438	37,811	85,604	4,583	(4)	(4)	(NA)
	New York.....	340	37	3,108	10,714	2,629	5,338	8,890	17,834	43,898	1,871	(4)	(4)	(NA)
	East North Central	1,440	94	9,518	27,433	8,078	14,722	22,026	44,561	92,997	5,320	(4)	(4)	(NA)
	Ohio.....	418	13	1,863	5,682	1,605	2,793	4,648	9,911	21,130	1,653	(4)	(4)	(NA)
	Indiana.....	243	22	1,647	4,373	1,390	2,488	3,537	6,066	13,980	675	(4)	(4)	(NA)
	Illinois.....	178	11	1,046	2,435	890	1,421	2,044	4,369	8,800	612	(4)	(4)	(NA)
	Michigan.....	325	28	2,479	7,259	2,109	4,027	5,945	12,030	25,017	1,336	(4)	(4)	(NA)
	Wisconsin.....	276	20	2,483	7,684	2,084	3,993	5,852	12,185	24,070	1,044	(4)	(4)	(NA)
	West North Central	722	41	4,032	10,169	3,462	6,176	8,344	16,051	35,687	2,189	(4)	(4)	(NA)
	Iowa.....	97	3	367	983	319	576	828	1,702	3,814	(2)	(4)	(4)	(NA)
	Missouri.....	344	22	1,812	3,930	1,530	2,575	3,189	6,564	14,764	1,002	(4)	(4)	(NA)
	South Dakota...	30	8	756	2,434	656	1,354	2,024	3,250	7,228	284	(4)	(4)	(NA)
	South Atlantic... 5,056	704	60,158	116,669	51,542	92,092	96,988	179,655	491,876	24,291	(4)	(4)	(4)	(NA)
	Delaware.....	24	6	332	622	288	509	517	986	2,148	(2)	(4)	(4)	(NA)
	Maryland.....	192	26	1,943	4,785	1,652	2,993	3,780	6,281	19,366	635	(4)	(4)	(NA)
	Virginia.....	1,225	117	11,894	21,854	9,938	17,459	18,030	34,808	90,186	4,913	(4)	(4)	(NA)
	West Virginia..	469	42	4,690	10,603	4,069	7,699	8,910	13,599	30,915	1,701	(4)	(4)	(NA)
	North Carolina..	1,526	170	16,474	29,772	14,058	24,645	24,532	46,430	131,306	6,511	(4)	(4)	(NA)
	South Carolina..	497	99	7,951	15,083	7,017	12,487	13,021	22,581	64,806	2,651	(4)	(4)	(NA)
	Georgia.....	906	181	12,567	23,721	10,742	19,154	19,728	38,442	113,825	6,351	(4)	(4)	(NA)
	Florida.....	217	63	4,307	10,229	3,778	7,146	8,470	16,528	39,324	1,393	(4)	(4)	(NA)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2421	Sawmills and planing mills—Continued													
	East South Central	2,557	403	34,299	66,615	30,032	55,009	56,221	99,143	255,534	11,421	(4)	(4)	(4)
	Kentucky.....	495	50	4,034	7,309	3,445	6,069	6,143	11,781	28,149	1,477	(4)	(4)	(4)
	Tennessee.....	835	68	6,798	11,596	5,823	10,438	9,739	16,645	43,514	2,250	(4)	(4)	(4)
	Alabama.....	724	172	14,352	29,205	12,716	23,626	24,602	44,872	111,632	5,022	(4)	(4)	(4)
	Mississippi.....	503	113	9,115	18,505	8,048	14,876	15,737	25,845	72,239	2,672	(4)	(4)	(4)
	West South Central	1,168	259	29,157	72,134	25,995	52,644	61,083	107,825	242,651	11,869	(4)	(4)	(4)
	Arkansas.....	562	92	11,077	26,094	10,017	19,730	22,522	39,995	89,550	3,943	(4)	(4)	(4)
	Louisiana.....	235	92	9,378	24,273	8,449	17,347	20,808	34,596	78,170	3,836	(4)	(4)	(4)
	Mountain.....	788	170	18,632	78,275	16,707	32,021	67,461	114,935	277,269	12,526	(4)	(4)	(4)
	Idaho.....	201	60	7,537	33,654	6,887	13,261	29,619	47,837	124,760	(D)	(4)	(4)	(4)
	Wyoming.....	62	9	667	2,551	604	1,192	2,261	3,531	7,808	(2)	(4)	(4)	(4)
	Arizona.....	38	14	2,073	8,695	1,860	3,718	7,492	10,567	29,578	1,035	(4)	(4)	(4)
	Pacific.....	1,822	671	76,124	359,159	68,181	132,325	310,465	559,297	1,371,599	54,079	(4)	(4)	(4)
	Washington.....	488	131	18,318	82,672	16,650	31,012	72,322	122,094	309,419	9,062	(4)	(4)	(4)
	Oregon.....	721	277	31,727	153,063	28,560	54,554	132,514	240,938	582,150	26,891	(4)	(4)	(4)
	California.....	613	263	26,079	123,424	22,971	46,759	105,629	196,265	480,030	18,126	(4)	(4)	(4)

Ind. code	Type of operation and region <sup>7</sup>	1958									Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	
		Establishments, number		All employees		Production workers			Wages (\$1,000)	Man-hours (1,000)				Number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours	Wages						
24211	Establishments specializing 50% or more in producing:													
	Rough lumber, total.....	8,445	890	83,154	212,371	71,842	131,273	179,827	340,616	818,401	38,719			
	Starting with stumpage.....	3,713	441	41,589	111,294	35,894	66,185	94,221	176,006	414,363	17,562			
	South.....	1,996	242	24,101	47,838	20,796	37,873	40,526	72,192	171,720	6,932			
	West <sup>8</sup> .....	487	106	8,599	38,196	7,589	14,400	32,860	64,644	156,656	6,431			
	Other.....	1,230	93	8,889	25,260	7,509	13,912	20,835	39,170	85,987	4,199			
	Starting with purchased logs.....	1,921	270	21,411	60,896	18,754	34,846	51,598	100,448	252,692	7,945			
	South.....	911	151	11,670	24,983	10,163	18,620	20,604	37,970	89,407	3,363			
	West <sup>8</sup> .....	300	72	5,444	23,997	4,871	9,491	21,041	45,158	112,786	2,862			
	Other.....	710	47	4,297	11,916	3,720	6,735	9,953	17,320	50,499	1,720			
	Not specified by type of operation.....	2,811	179	20,154	40,181	17,194	30,242	34,008	64,162	151,346	13,212			
	South.....	1,803	127	14,620	23,313	12,379	21,776	19,602	36,982	86,710	8,195			
	West <sup>8</sup> .....	327	29	2,600	9,405	2,262	3,926	8,115	12,365	34,861	2,360			
	Other.....	681	23	2,934	7,463	2,553	4,540	6,291	14,815	29,775	2,657			
24212	Dressed lumber, total.....	1,998	1,169	117,488	449,373	104,979	207,440	383,955	685,208	1,749,071	67,000			
	Starting with stumpage.....	927	644	71,761	278,844	64,149	127,602	236,873	405,886	969,538	40,670			
	South.....	484	335	28,332	72,087	25,290	50,522	60,028	113,018	288,336	11,638			
	West <sup>8</sup> .....	341	286	41,932	201,848	37,610	74,573	172,999	285,176	664,544	28,383			
	Other.....	102	23	1,497	4,909	1,249	2,507	3,846	7,692	16,658	649			
	Starting with purchased logs.....	560	318	31,075	123,134	28,141	55,219	107,295	203,422	512,948	16,001			
	South.....	224	133	9,274	21,456	8,448	16,749	18,680	34,312	90,253	4,057			
	West <sup>8</sup> .....	267	176	20,847	98,626	18,887	36,740	86,146	164,159	413,308	11,690			
	Other.....	69	9	954	3,052	806	1,730	2,469	4,951	9,387	(2)			
	Starting with purchased rough lumber.....	361	158	9,954	32,974	8,597	16,473	27,425	56,304	210,355	7,004			
	South.....	239	106	5,817	13,938	4,899	9,274	11,140	22,097	92,417	1,716			
	West.....	85	45	3,745	17,664	3,382	6,577	15,253	32,216	110,613	5,205			
	Other.....	37	7	392	1,372	316	622	1,032	1,991	7,325	(2)			
	Not specified by type of operation.....	150	49	4,698	14,421	4,092	8,146	12,362	19,596	56,230	3,325			
	South.....	84	25	3,065	7,369	2,667	5,382	6,211	9,876	29,343	839			
	West <sup>8</sup> .....	37	20	1,334	6,185	1,158	2,227	5,395	8,574	23,508	1,992			
	Other.....	29	4	299	867	267	537	756	1,146	3,379	(2)			

See footnotes at end of table.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2426	Hardwood dimension and flooring, total.....	436	263	25,140	75,177	22,479	45,346	60,779	110,354	260,645	7,645	(4)	(4)	(4)
	New England.....	36	10	565	1,743	510	1,089	1,515	2,350	4,790	(2)	(4)	(4)	(4)
	Maine.....	6	2	108	344	103	223	322	410	1,040	(D)	(4)	(4)	(4)
	New Hampshire..	7	1	108	313	94	210	283	488	925	(D)	(4)	(4)	(4)
	Middle Atlantic..	51	25	1,550	5,754	1,280	2,589	4,211	9,688	18,353	(2)	(4)	(4)	(4)
	New York.....	31	16	932	3,481	788	1,700	2,672	6,452	11,669	2,323	(4)	(4)	(4)
	East North Central.....	47	28	2,091	7,538	1,837	3,677	5,787	10,985	24,594	(2)	(4)	(4)	(4)
	Indiana.....	8	4	228	795	195	403	585	1,120	2,190	(2)	(4)	(4)	(4)
	Illinois.....	7	4	334	1,255	303	640	999	1,703	3,747	(2)	(4)	(4)	(4)
	West North Central.....	18	12	989	3,038	879	1,759	2,551	4,492	10,848	(2)	(4)	(4)	(4)
	Missouri.....	12	10	868	2,610	778	1,565	2,217	3,915	9,655	(2)	(4)	(4)	(4)
	South Atlantic...	102	68	5,851	16,493	5,160	10,139	12,900	22,017	56,354	1,206	(4)	(4)	(4)
	Virginia.....	19	16	1,635	4,577	1,498	2,961	3,721	4,892	15,701	(2)	(4)	(4)	(4)
	West Virginia..	10	7	434	1,063	360	702	876	1,289	3,175	(2)	(4)	(4)	(4)
	North Carolina..	38	24	2,097	5,988	1,841	3,564	4,696	8,979	19,189	581	(4)	(4)	(4)
	South Carolina..	10	5	273	657	238	463	564	1,052	2,358	(2)	(4)	(4)	(4)
	Georgia.....	17	11	959	2,894	810	1,535	1,947	3,796	11,681	(2)	(4)	(4)	(4)
	East South Central.....	97	74	7,872	22,388	7,194	14,416	18,729	36,204	83,025	3,726	(4)	(4)	(4)
	Tennessee.....	43	34	4,326	12,549	3,986	8,135	10,705	22,244	48,799	1,103	(4)	(4)	(4)
	Alabama.....	12	10	812	2,104	758	1,421	1,786	3,767	8,346	(2)	(4)	(4)	(4)
	West South Central	62	40	5,894	16,729	5,355	11,146	13,986	22,315	57,539	1,514	(4)	(4)	(4)
	Texas.....	5	5	866	2,487	785	1,574	1,992	3,014	9,372	(D)	(4)	(4)	(4)
	Pacific.....	23	6	328	1,494	264	531	1,100	2,303	5,142	103	(4)	(4)	(4)
2429	Special product sawmills, nec, total <sup>2</sup> .....	478	105	7,176	22,097	6,465	10,678	18,804	36,123	89,381	1,682	7,324	33,222	15,898
	New England.....	11	2	109	321	95	216	259	486	987	20	(6)	(6)	(6)
	Middle Atlantic..	12	1	111	393	93	168	269	797	2,201	35	(6)	(6)	(6)
	East North Central	37	16	1,054	3,491	959	1,791	2,979	6,387	13,097	(2)	(6)	(6)	(6)
	Indiana.....	7	2	127	270	107	178	197	263	1,085	(2)	(6)	(6)	(6)
	Illinois.....	15	8	400	934	373	649	815	2,575	4,648	(2)	(6)	(6)	(6)
	West North Central	33	3	334	590	271	426	440	1,169	2,215	(2)	(6)	(6)	(6)
	Missouri.....	28	3	305	530	246	387	385	1,063	1,965	(2)	(6)	(6)	(6)
	South Atlantic...	71	17	1,118	2,557	1,009	1,765	2,113	4,172	10,214	249	(6)	(6)	(6)
	Virginia.....	27	4	331	725	296	524	613	1,199	2,391	(2)	(6)	(6)	(6)
	North Carolina..	16	5	291	700	268	483	585	1,084	2,763	(2)	(6)	(6)	(6)
	South Carolina..	6	2	116	211	100	164	171	290	747	(2)	(6)	(6)	(6)
	Georgia.....	7	2	150	361	134	249	259	765	2,120	(2)	(6)	(6)	(6)
	East South Central	50	16	886	1,945	805	1,317	1,621	2,602	10,124	85	(6)	(6)	(6)
	Tennessee.....	18	5	302	644	271	409	550	1,050	4,461	(2)	(6)	(6)	(6)
	Alabama.....	12	6	271	607	254	449	511	632	3,070	(2)	(6)	(6)	(6)
	West South Central	31	9	753	1,839	714	1,222	1,679	2,729	9,495	140	(6)	(6)	(6)
	Mountain.....	14	...	87	219	78	135	191	399	909	(2)	(6)	(6)	(6)
	Pacific.....	219	41	2,724	10,742	2,441	3,638	9,253	17,382	40,139	852	(6)	(6)	(6)
	Washington.....	144	26	1,870	7,395	1,674	2,388	6,257	11,788	28,444	520	(6)	(6)	(6)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2411, Logging Camps and Contractors: New England—Rhode Island, 5 (1-19); Connecticut, 7 (20-99); Middle Atlantic—New Jersey, 24 (20-99); East North Central—Indiana, 33 (20-99); Illinois, 36 (20-99); West North Central—Iowa, 21 (20-99); South Dakota, 11 (20-99); Kansas, 6 (1-19); West South Central—Oklahoma, 13 (20-99); Mountain—Wyoming, 15 (20-99); New Mexico, 24 (100-249); Utah, 11 (20-99); Nevada, 4 (20-99).

SIC 2421, Sawmills and Planing Mills: New England—Rhode Island, 2 (1-19); Connecticut, 42 (100-249); Middle Atlantic—New Jersey, 58 (250-499); Pennsylvania, 837 (4,585); West North Central—Minnesota, 212 (500-953); North Dakota, 4 (1-19); Nebraska, 9 (20-99); Kansas, 26 (100-249); West South Central—Oklahoma, 71 (1,000-2,499); Texas, 300 (5,000 or more); Mountain—Montana, 208 (2,500-4,999); Colorado, 155 (1,000-2,499); New Mexico, 70 (1,000-2,499); Utah, 50 (250-499); Nevada, 4 (100-249).

SIC 2426, Hardwood Dimension and Flooring: New England—Vermont, 13 (250-499); Massachusetts, 6 (20-99); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 1 (100-249); Pennsylvania, 19 (250-499); East North Central—Ohio, 6 (100-249); Michigan, 20 (1,003); Wisconsin, 6 (250-499); West North Central—Minnesota, 3 (20-99); Iowa, 1 (1-19); Kansas, 2 (20-99); South Atlantic—Maryland, 5 (100-249); Florida, 3 (100-249); East South Central—Kentucky, 20 (1,156); Mississippi, 22 (1,578); West South Central—Arkansas, 38 (3,168); Louisiana, 18 (1,000-2,499); Oklahoma, 1 (100-249); Pacific—Washington, 6 (20-99); Oregon, 1 (1-19); California, 16 (250-499).

SIC 2429, Special Product Sawmills, NEC: New England—Maine, 3 (20-99); New Hampshire, 4 (20-99); Vermont, 2 (1-19); Massachusetts, 2 (1-19); Middle Atlantic—New York, 6 (20-99); New Jersey, 2 (1-19); Pennsylvania, 4 (20-99); North Central—Ohio, 6 (100-249); Michigan, 4 (100-249); Wisconsin, 5 (250-499); West North Central—Iowa, 4 (1-19); Kansas, 1 (1-19); South Atlantic—Delaware, 2 (20-99); Maryland, 3 (100-249); West Virginia, 6 (20-99); Florida, 4 (20-99); East South Central—Kentucky, 14 (100-249); Mississippi, 6 (20-99); West South Central—Arkansas, 23 (500-999); Louisiana, 4 (100-249); Oklahoma, 1 (1-19); Texas, 3 (20-99); Mountain—Montana, 1 (1-19); Idaho, 3 (1-19); Colorado, 2 (20-99); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 3 (1-19); Pacific—Oregon, 55 (500-999); California, 20 (100-249).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

Footnotes continued on next page.



Footnotes for Table 2-24A

<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

<sup>5</sup>See footnote 13 of table 1.

<sup>6</sup>This State (division, region) was not shown as a separate line in table 2 in the 1954 report for any of the three industries that are now included in Industry 2429, Special Product Sawmills, NEC. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States (divisions, regions). In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>7</sup>Based on establishments specializing 50% or more in the shipments of rough or dressed lumber.

Note: Establishments employing more than one type of operation were classified for purposes of this analysis on the basis of their end product and further classified by nature of operation on the basis of the first step in the production reflected in the report, i.e., if a mill produced both from stumpage and purchased logs the entire operation was classified as production from stumpage. In addition to the above limitations, general statistics for approximately 3,000 establishments classified in Industry 2421 (but only 9% of the employees of the industry) and not identified as to product class (i.e., rough lumber vs. dressed lumber, etc.) have been excluded from this analysis. As a result, the data shown contain limitations as to absolute level for each of the designated operations; they do, however, show relationships where classifications could be specifically established.

<sup>8</sup>Includes data for South Dakota.

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954			1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2421	Sawmills and planing mills, total <sup>2</sup> ..	16,046	2,709	268,496	839,749	236,177	449,162	712,130	1,292,640	3,158,225	136,668	321,199	1,502,911	383,449
	New England.....	878	74	6,103	17,631	5,190	9,961	14,509	36,518	63,687	3,116	9,094	31,792	10,697
	Maine.....	362	37	2,518	6,906	2,156	4,184	5,716	19,553	25,288	1,568	4,293	15,110	4,974
	New Hampshire... 174	11	1,207	3,621	1,014	1,880	2,896	5,150	14,121	534	1,816	4,853	2,475	
	Vermont.....	177	21	1,534	4,558	1,312	2,669	3,788	7,363	16,261	651	1,930	7,560	2,075
	Massachusetts... 120	4	715	2,153	594	1,034	1,764	3,804	6,834	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Middle Atlantic... 1,275	96	9,296	28,125	7,876	14,848	22,960	46,493	102,059	4,967	10,939	41,740	10,360	
	New York.....	362	51	3,890	13,638	3,274	6,762	11,073	23,625	54,256	2,170	3,901	17,113	3,451
	East North Central 1,468	110	10,906	32,295	9,303	17,150	25,791	51,834	110,797	5,538	13,005	52,709	15,053	
	Ohio.....	421	14	2,010	6,257	1,728	3,017	5,062	10,743	22,938	1,771	2,490	9,967	2,012
	Indiana.....	246	22	1,664	4,420	1,407	2,521	3,584	6,142	14,160	675	1,780	6,326	1,725
	Illinois.....	179	13	1,249	3,063	1,076	1,812	2,566	5,214	11,160	619	1,237	5,405	1,057
	Michigan.....	341	37	3,167	9,832	2,708	5,208	7,866	15,795	34,445	1,408	4,051	17,899	6,127
	Wisconsin.....	281	24	2,816	8,723	2,384	4,592	6,713	13,940	28,094	1,065	3,446	13,110	4,132
	West North Central 739	51	4,972	13,048	4,299	7,850	10,782	20,293	46,053	2,399	4,554	19,027	4,445	
	Iowa.....	100	3	386	1,037	334	603	871	1,781	3,956	( <sup>3</sup> )	332	1,273	251
	Missouri.....	356	31	2,661	6,473	2,293	4,106	5,364	10,340	24,121	1,211	2,294	10,379	2,083
	South Dakota.... 30	8	756	2,434	656	1,354	2,024	3,250	7,228	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	South Atlantic.... 5,162	764	65,362	130,639	56,179	101,318	107,990	198,549	543,585	25,451	80,298	236,872	99,083	
	Delaware.....	24	6	332	622	288	509	517	986	2,148	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Maryland.....	197	28	2,150	5,419	1,832	3,345	4,257	7,137	21,420	672	2,339	8,541	1,836
	Virginia.....	1,244	132	13,611	26,400	11,532	20,593	21,744	40,234	106,746	5,208	15,361	45,567	17,901
	West Virginia... 481	49	5,139	11,687	4,443	8,426	9,807	14,927	34,146	1,718	5,834	17,304	6,664	
	North Carolina... 1,560	187	17,746	32,992	15,182	26,782	27,076	51,469	143,787	6,963	19,650	58,839	22,226	
	South Carolina... 507	104	8,224	15,740	7,255	12,950	13,585	23,633	67,164	2,793	10,518	28,451	15,090	
	Georgia.....	926	193	13,595	26,857	11,628	20,991	21,910	42,470	126,585	6,525	19,368	55,927	25,826
	Florida.....	223	65	4,565	10,922	4,019	7,722	9,094	17,693	41,589	1,436	6,700	20,657	9,124
	East South Central 2,655	466	41,547	86,971	36,654	68,216	73,206	132,155	333,645	15,118	48,012	146,459	68,657	
	Kentucky.....	515	62	5,104	10,727	4,382	8,019	8,889	16,739	40,961	1,643	4,586	13,023	5,539
	Tennessee.....	875	97	10,847	23,170	9,546	17,969	19,480	37,137	90,292	3,359	11,791	43,438	10,276
	Alabama.....	739	181	15,148	31,267	13,458	25,024	26,352	48,570	119,921	5,185	19,398	53,046	31,394
	Mississippi..... 526	126	10,448	21,807	9,268	17,204	18,485	29,709	82,471	4,931	12,237	36,951	21,448	
	West South Central 1,229	297	35,049	88,904	31,349	63,797	75,041	129,668	301,375	13,371	38,701	132,064	64,472	
	Arkansas.....	599	111	14,280	35,131	12,932	25,953	30,111	51,954	122,671	4,330	14,482	48,714	20,561
	Louisiana.....	252	104	10,934	28,681	9,858	20,127	24,457	40,751	92,450	4,083	12,376	42,789	21,667
	Mountain.....	793	171	18,680	78,450	16,753	32,102	67,619	115,091	277,892	12,586	19,615	124,393	17,117
	Idaho.....	201	60	7,537	33,654	6,887	13,261	29,619	47,837	124,760	(D)	8,616	63,190	7,150
	Wyoming.....	62	9	667	2,551	604	1,192	2,261	3,531	7,808	( <sup>3</sup> )	740	3,592	689
	Arizona.....	38	14	2,073	8,695	1,860	3,718	7,492	10,567	29,578	1,035	1,880	10,229	2,067
	Pacific.....	1,847	680	76,581	363,686	68,574	133,920	314,232	562,039	1,379,132	54,122	96,978	717,852	93,565
	Washington..... 498	134	18,480	85,866	16,797	32,147	75,225	124,235	313,854	9,109	21,875	149,409	26,853	
	Oregon.....	729	280	31,657	152,700	28,481	54,419	132,052	239,199	580,711	26,861	44,296	326,143	41,337
	California.....	620	266	26,444	125,120	23,296	47,354	106,955	198,605	484,567	18,152	30,806	242,299	25,375

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2421, Sawmills and Planing Mills: New England—Rhode Island, 2 (1-19); Connecticut, 43 (100-249); Middle Atlantic—New Jersey, 61 (250-499); Pennsylvania, 852 (4,930); West North Central—Minnesota, 212 (500-999); North Dakota, 4 (1-19); Nebraska, 9 (20-99); Kansas, 28 (100-249); West South Central—Oklahoma, 73 (1,000-2,499); Texas, 305 (5,000 or more); Mountain—Montana, 211 (5,000 or more); Colorado, 155 (1,000-2,499); New Mexico, 70 (1,000-2,499); Utah, 52 (250-499); Nevada, 4 (100-249).

<sup>2</sup>See footnote 9 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

Table 3.—Detailed Statistics for the United States: 1958

Item	Logging camps and contractors (SIC 2411)	Sawmills and planing mills (SIC 2421)	Hardwood dimension and flooring (SIC 2426)	Special product sawmills, nec (SIC 2429)
Primary product specialization ratio <sup>1</sup> .....	98	92	84	93
Coverage ratio <sup>2</sup> .....	92	97	81	60
Number of establishments, total.....	12,805	15,636	436	478
With 1-19 employees.....	12,251	13,150	173	373
With 20-99 employees.....	514	2,136	191	98
With 100 employees or more.....	40	350	72	7
Proprietors and working partners.....Number..	14,425	17,364	232	421
All employees:				
Number (average for the year).....	71,505	245,687	25,140	7,176
Payroll.....\$1,000..	226,742	770,296	75,177	22,097
Production workers:				
Number (average for the year).....	62,363	215,699	22,479	6,465
March.....	51,781	198,939	21,583	6,378
May.....	62,241	215,627	21,634	6,620
August.....	69,569	227,053	23,131	6,565
November.....	65,861	221,175	23,568	7,000
Man-hours.....1,000..	108,463	406,984	45,346	10,678
January-March.....do....	22,468	89,252	10,750	2,406
April-June.....do....	27,101	103,722	10,907	2,801
July-September.....do....	30,064	108,597	11,684	2,662
October-December.....do....	28,830	105,413	12,005	2,809
Wages.....\$1,000..	194,685	655,668	60,779	18,804
Cost of materials, etc., total.....do....	474,619	1,709,840	151,993	50,901
Materials, parts, containers, and supplies consumed.....do....	333,421	1,405,009	132,824	45,341
Cost of resales.....do....	26,549	84,362	11,527	3,877
Fuels consumed.....do....	17,446	36,762	1,300	394
Electricity purchased.....do....	1,281	23,248	2,393	627
Contract work.....do....	95,922	160,459	3,949	662
Value of shipments (including resales), total.....do....	865,340	2,914,315	260,645	89,381
Value of resales.....do....	29,343	97,881	14,051	4,832
Value added by manufacture, adjusted.....do....	387,418	1,194,650	110,354	36,123
Manufacturers' inventories:				
Beginning of year, total.....do....	117,846	597,587	48,974	25,054
Finished products.....do....	75,164	306,057	20,857	9,576
Work-in-process.....do....	19,441	167,378	7,926	8,420
Materials, supplies, fuel, etc.....do....	23,241	124,152	20,191	7,058
End of year, total.....do....	115,634	616,024	52,665	22,285
Finished products.....do....	71,388	302,446	21,190	8,612
Work-in-process.....do....	19,914	161,164	9,164	7,015
Materials, supplies, fuel, etc.....do....	24,332	152,414	22,311	6,658
Expenditures for plant and equipment, total.....do....	71,727	137,666	8,304	1,957
New, total.....do....	67,904	129,369	7,645	1,682
New structures and additions to plant.....do....	14,152	51,967	2,120	603
New machinery and equipment.....do....	53,752	77,402	5,525	1,079
Used plant and equipment.....do....	3,823	8,297	659	275

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



# LOGGING CAMPS, SAWMILLS AND PLANING MILLS

24A-11

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2411	Logging camps and contractors: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	12,805	8,959	2,295	997	429	85	29	7	4	...	...
	Number.....	71,505	16,673	14,890	13,072	12,006	5,641	4,436	2,397	2,390	...	...
	Payroll.....\$1,000.. Value added, adjusted..do....	226,742	38,715	36,140	37,189	44,438	26,003	20,063	12,347	11,847	...	...
	Value added, adjusted..do....	387,418	89,263	63,320	62,079	70,763	41,397	28,181	16,708	15,707	...	...
	Value of shipments.....do....	865,340	171,934	127,279	124,133	158,239	97,652	86,464	47,223	52,416	...	...
	Capital expend., new...do....	67,904	25,185	13,265	9,800	9,139	4,502	3,226	1,653	1,134	...	...
2421	Sawmills and planing mills: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	15,636	7,108	3,294	2,748	1,574	562	254	68	23	4	1
	Number.....	245,687	14,399	21,967	36,793	47,755	38,621	38,710	23,793	16,570	<u>7,079</u>	(D)
	Payroll.....\$1,000.. Value added, adjusted..do....	770,296	25,595	40,147	77,104	136,293	130,240	154,273	101,811	71,295	<u>33,538</u>	(D)
	Value added, adjusted..do....	1,194,650	43,919	59,904	121,795	225,019	219,141	241,157	154,762	95,629	<u>33,324</u>	(D)
	Value of shipments.....do....	2,914,315	108,893	156,334	300,338	597,513	551,476	559,376	342,752	193,924	<u>103,709</u>	(D)
	Capital expend., new...do....	129,369	15,728	11,248	14,667	19,938	16,044	16,208	18,671	12,257	<u>4,608</u>	(D)
2426	Hardwood dimension and flooring: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	436	57	48	68	99	92	61	8	3	...	...
	Number.....	25,140	120	342	967	3,302	6,376	9,150	2,822	2,061	...	...
	Payroll.....\$1,000.. Value added, adjusted..do....	75,177	232	929	2,837	10,218	18,599	27,500	9,330	5,532	...	...
	Value added, adjusted..do....	110,354	408	1,370	4,641	15,293	27,587	39,021	12,548	9,486	...	...
	Value of shipments.....do....	260,645	1,095	3,223	9,958	34,148	65,726	96,371	26,900	23,224	...	...
	Capital expend., new...do....	7,645	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,004	1,263	3,226	( <sup>1</sup> )	1,141	...	...
2429	Special product sawmills, nec: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	478	167	103	103	75	23	7	...	...	...	...
	Number.....	7,176	361	681	1,412	2,335	1,504	883	...	...	...	...
	Payroll.....\$1,000.. Value added, adjusted..do....	22,097	1,059	1,912	3,517	7,256	4,966	3,387	...	...	...	...
	Value added, adjusted..do....	36,123	2,304	3,660	5,991	11,190	8,169	4,809	...	...	...	...
	Value of shipments.....do....	89,381	5,714	8,906	15,311	25,797	20,433	13,220	...	...	...	...
	Capital expend., new...do....	1,682	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	...	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

**Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2411	Logging camps and contractors..1958..	865,340	806,427	18,155	40,758	98	871,761	806,427	65,334	92
	1954..	<sup>3</sup> 774,309	719,641	12,129	42,539	98	795,372	719,641	75,731	90
2421	Sawmills and planing mills.....1958..	2,914,315	2,570,889	231,214	112,212	92	2,659,588	2,570,889	88,699	97
2426	Hardwood dimension flooring....1958..	260,645	204,901	39,852	15,892	84	251,494	204,901	46,593	81
2429	Special product sawmills, nec..1958..	89,381	77,994	6,045	5,342	93	129,511	77,994	51,517	60

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>In 1958 and 1954, the "value of primary products," column B, and "Total value of primary products shipments, made in all industries," column F, include receipts from custom and contract logging.

**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958**

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Logging camps and contractors (SIC 2411)	Sawmills and planing mills (SIC 2421)	Hardwood dimension and flooring (SIC 2426)	Special product sawmills, nec (SIC 2429)	Other industries	All industries
	Total shipments and receipts of the industry.....	865,340	2,914,315	260,645	89,381	xxx	xxx
	<b>Products of logging camps, sawmills and planing mills.....</b>	<b>814,660</b>	<b>2,705,378</b>	<b>224,910</b>	<b>80,702</b>	<b>86,704</b>	<b>3,912,354</b>
24110	Logs, bolts, and pulpwood.....	554,668	53,130	788	875	6,327	615,788
24119	Receipts for contract logging.....	251,759	3,964	(D)	(D)	84	255,973
24211	Rough lumber and sawed ties.....	5,080	829,360	9,032	1,454	<sup>1</sup> 15,150	860,076
24212	Dressed lumber.....	(D)	1,426,530	7,673	(D)	<sup>2</sup> 34,929	1,470,308
24217	Softwood cut stock.....	(D)	46,850	(D)	...	7,288	54,335
24218	Softwood flooring and other general sawmill and planing mill products, nec.....	486	60,970	1,095	(D)	1,362	63,919
24219	Receipts from contract or custom sawing of logs owned by others....	576	60,156	484	(D)	1,010	62,251
24210	Sawmills and planing mill products, nsk.....	437	147,023	380	51	828	148,719
24261	Hardwood flooring.....	(D)	24,220	121,335	...	3,033	148,599
24262	Hardwood dimension stock, furniture parts and vehicle stock.....	38	6,572	83,566	...	<sup>3</sup> 12,719	102,895
24290	Special product sawmills, nec.....	706	46,603	234	77,994	<sup>4</sup> 3,974	129,511
	<b>Other products.....</b>	<b>9,922</b>	<b>96,725</b>	<b>19,843</b>	<b>3,337</b>	<b>xxx</b>	<b>xxx</b>
24313	Window and door frames, wood.....	...	6,051	(D)	...	xxx	xxx
24316	Finished wood molding.....	...	21,086	2,359	...	xxx	xxx
24322	Softwood plywood, interior type.....	...	11,668	...	...	xxx	xxx
24326	Softwood veneer.....	...	7,407	...	...	xxx	xxx
24412	Box shook, fruit, vegetable, industrial, etc.....	(D)	19,720	(D)	(D)	xxx	xxx
24911	Wood owned and treated by same establishment.....	597	6,597	...	...	xxx	xxx
24995	Wood products, nec.....	(D)	1,825	2,177	...	xxx	xxx
	Other secondary products.....	9,322	22,371	<sup>5</sup> 14,387	(D)	xxx	xxx
	Miscellaneous receipts.....	40,758	112,212	15,892	5,342	xxx	xxx
	Contract work.....	6,308	4,372	916	255	xxx	xxx
	Repair work and other receipts.....	5,107	9,959	925	255	xxx	xxx
	Resales.....	29,343	97,881	14,051	4,832	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes \$7,967 thousand produced in Industry 2432, Veneer and Plywood Plants.

<sup>2</sup>Includes \$7,540 thousand produced in Industry 2431, Millwork Plants, and \$14,442 thousand produced in Industry 2432, Veneer and Plywood Plants.

<sup>3</sup>Includes \$6,533 produced in Industry 2499, Wood Products, NEC.

<sup>4</sup>Includes \$2,068 thousand produced in Industry 2432, Veneer and Plywood Plants.

<sup>5</sup>Includes an amount between \$1 million and \$5 million of specialty cleaning and sanitation products.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2411---	Logging camps and logging contractors, total.....	.....	xxx	871,761	xxx	795,372
24110--	Logs and bolts, pulpwood.....	.....	xxx	525,773	xxx	534,552
2411011	Logs and bolts.....	1,000 ft. (log scale)...	7,626,102	372,242	8,646,709	389,880
2411031	Pulpwood (originally scaled in cords):	Std. eds. of 128 cu. ft.				
	Quantity reported.....	roughwood basis.....	6,012,802	103,864	6,457,987	112,555
	Quantity not reported.....	.....	xxx	12,837		
2411098	Other wood products (including poles, piling, hewn crossties, hewn or round mine timbers, hewn mine ties, etc.).....	.....	xxx	36,830	xxx	32,117
2411911	Receipts for contract logging timeber owned by others.....	.....	xxx	255,973	xxx	204,567
2411000	Logs, bolts, pulpwood, etc., nsk.....	.....	xxx	90,015	xxx	56,253
2421---	Sawmills and planing mills, total.....	.....	xxx	2,659,588	xxx	2,870,452
24211--	Rough lumber and sawed ties.....	.....	xxx	860,076	xxx	991,574
2421111	Rough lumber (except railway crossties and mine ties).....	1,000 bd. ft.....	11,876,184	785,175	14,468,265	965,463
2421131	Railway crossties (sawed):					
	Quantity reported.....	Number.....	4,531,310	10,648	} (NA)	23,020
	Quantity not reported.....	.....	xxx	2,180		
2421151	Mine ties (sawed).....	Number.....	xxx	3,921	(NA)	3,091
2421100	Rough lumber and sawed ties, nsk.....	.....	xxx	58,152	xxx	(2)
2421211	Dressed lumber (including ceiling, framing, partition, siding, matched and shiplapped lumber).....	1,000 bd. ft.....	19,294,092	1,470,308	21,399,911	1,606,192
24217--	Softwood cut stock.....	.....	xxx	54,335	xxx	33,764
2421711	Furniture cut stock.....	1,000 bd. ft.....	74,044	12,139	72,688	9,926
2421751	Industrial cut stock:					
	Quantity reported.....	...do.....	253,752	28,566	} 214,114	23,838
	Quantity not reported.....	.....	xxx	4,269		
2421700	Softwood cut stock, nsk.....	.....	xxx	9,361	xxx	(2)
24218--	Softwood flooring and other general sawmill and planing mill products, nec.....	.....	xxx	63,919	xxx	60,825
2421811	Softwood flooring.....	1,000 bd. ft.....	308,429	29,261	315,749	30,324
2421829	Other sawmill products, including tobacco hogshead stock and snow fence lath.....	.....	xxx	21,107	xxx	25,242
2421898	Other planing mill products.....	.....	xxx	6,603	xxx	5,259
2421899	Other general sawmill and planing mill products, nsk.....	.....	xxx	6,948	xxx	(2)
24219--	Custom sawing, kiln drying, planing, etc.....	.....	xxx	62,231	xxx	70,021
2421911	Receipts for contract or custom sawing of logs owned by others:					
	Quantity reported.....	1,000 bd. ft.....	1,275,401	29,431	} (NA)	41,583
	Quantity not reported.....	.....	xxx	6,903		
2421951	Receipts for contract kiln drying, planing, resawing, or other manufacturing of materials owned by others.....	.....	xxx	18,107	xxx	28,438
2421999	Custom sawing, kiln drying, planing, nsk.....	.....	xxx	7,790	xxx	(2)
2421000	Sawmill and planing mill products, nsk.....	.....	xxx	148,719	xxx	3108,076
2426---	Hardwood dimension and flooring mills, total.....	.....	xxx	251,494	xxx	267,522
24261--	Hardwood flooring.....	.....	xxx	148,599	xxx	176,436
	Oak:					
2426111	25/32", 1/2", 3/8", T & G & EM and 5/16" square edge strip.....	1,000 bd. ft.....	823,494	114,767	1,067,651	154,423
2426115	Block, parquetry and plank.....	..do.....	19,163	4,490	18,416	4,297
2426119	Other oak, including oak faced and/or backed plywood blocks, and other oak specialty flooring.....	..do.....	27,261	7,045	29,053	3,303
2426131	Maple, including strip, block, parquetry.....	..do.....	41,060	8,705	44,903	8,634
2426198	Other hardwoods:					
	Quantity reported.....	..do.....	77,903	5,946	40,975	4,311
	Quantity not reported.....	.....	xxx	811	xxx	1,468
2426100	Hardwood flooring, nsk.....	.....	xxx	6,835	xxx	xxx
24262--	Hardwood dimension stock, furniture parts and vehicle stock.....	.....	xxx	102,895	xxx	91,086
	Furniture dimension, including glued laminates:					
2426221	Green or dried-rough or surfaced.....	1,000 bd.ft. lumber cons.	134,134	30,503	} 219,539	37,171
2426251	Semifabricated:					
	Quantity reported.....	..do.....	34,523	5,168		
	Quantity not reported.....	.....	xxx	1,075		
2426255	Other industrial dimension stock (for handles; golf clubs; agricultural implement, railroad car, and vehicle parts; ladder parts; skis; gunstocks, brushes; textile machinery stock, etc.):					
	Quantity reported.....	1,000 bd.ft. lumber cons.	63,418	11,187	98,108	16,384
	Quantity not reported.....	.....	xxx	3,931	xxx	3,235

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2426---	Hardwood dimension and flooring mills--Continued					
24262--	Hardwood dimension stock, furniture parts and vehicle stock--Continued					
2426271	Semifabricated industrial parts.....		xxx	2,990	xxx	(2)
2426281	Completely fabricated industrial parts:					
	Furniture parts, except frames (including hardwood furniture dimension) completely fabricated, ready for assembly.....		xxx	30,836	xxx	29,934
2426285	Vehicle stock (body parts, rims, spokes, and nuts, etc.)		xxx	2,917	xxx	4,362
2426286	Other hardwood industrial parts.....		xxx	6,757	xxx	...
2426200	Hardwood dimension stock, nsk.....		xxx	7,531	xxx	xxx
		Unit of measure	1958		1954	
			Production for all purposes (quantity)	Total shipments including interplant transfers	Production for all purposes (quantity)	Total shipments including interplant transfers
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2429---	Shingles, cooperage stock and excelsior products, total.....		xxx	xxx	xxx	599,123
2429001	Red cedar shingles and shakes.....	1,000 squares	xxx	xxx	3,836	33,999
2429009	Other shingles and shakes.....	do.....	xxx	xxx	79	797
	Slack cooperage stock:					
2429041	Staves:					
	Quantity reported.....	1,000 staves.	109,421	115,222	xxx	150,093
	Quantity not reported.....					xxx
2429051	Heading:					
	Quantity reported.....	1,000 sets...	10,139	9,846	xxx	9,670
	Quantity not reported.....					xxx
	Tight cooperage stock:					
2429061	Staves:					
	Quantity reported.....	1,000 staves.	32,576	26,215	xxx	36,816
	Quantity not reported.....					
2429071	Heading:					
	Quantity reported.....	1,000 sets...	(NA)	(NA)	xxx	1,118
	Quantity not reported.....					
2429075	Wood chips (one standard unit - 200 cu. ft. of gravity packed chips = one standard cord):	1,000 cords (128 cu.ft.)	xxx	3,750	xxx	xxx
	Quantity reported.....		xxx	xxx		
	Quantity not reported.....			7,040		25,242
2429081	Shipments of excelsior, baled, bulk.....	Short tons...	xxx	(NA)	xxx	96,081
2429089	Other excelsior products, including pads and wrappers.....		xxx	xxx	xxx	4,200
2429000	Shingles, cooperage stock, and excelsior products, nsk.....		xxx	xxx	xxx	6,402
				7,096	xxx	4,345

NA Not available.

<sup>1</sup>Represents the 1954 sum of the value of products that are now classified in Industry 2421, Sawmills and Planing Mills.<sup>2</sup>Included with "Sawmill and planing mill products, nsk," in 1954.<sup>3</sup>Includes an indeterminable amount of hardwood dimension stock and flooring.<sup>4</sup>Represents the 1954 sum of the value of products that are now classified in Industry 2426, Hardwood Dimension and Flooring.<sup>5</sup>Represents the 1954 sum of the value of products that are now classified in Industry 2429, Special Product Sawmills, NEC.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	
<u>Logs and bolts, pulpwood (24110):</u>			<u>Receipts for contract logging (24119)--Continued</u>	1958 <sup>2</sup>	<u>Rough lumber and sawed ties (24211)--Continued</u>	1958 <sup>2</sup>	1954
United States, total:			South Atlantic.....	24,522	West South Central.....	68,493	70,882
1958.....	615,788		Virginia.....	3,885	Arkansas.....	20,846	22,055
1957.....	676,552		West Virginia.....	1,129	Louisiana.....	28,413	29,183
1956.....	778,044		North Carolina.....	6,477	Texas.....	18,327	18,456
1955.....	732,749		South Carolina.....	4,564	Mountain.....	57,829	60,746
1954.....	590,805		Georgia.....	5,182	Montana.....	15,567	13,063
1953.....	582,408		Florida.....	2,457	Idaho.....	20,552	26,823
1952.....	596,119		East South Central.....	10,471	Wyoming.....	4,563	3,320
1951.....	581,949		Alabama.....	5,226	Colorado.....	5,553	4,575
	1958 <sup>2</sup>	1954	Mississippi.....	3,748	New Mexico.....	3,064	4,900
New England.....	53,912	55,429	West South Central.....	12,444	Arizona.....	3,458	4,067
Maine.....	40,508	42,552	Arkansas.....	4,750	Pacific.....	302,676	429,949
New Hampshire.....	8,883	10,112	Louisiana.....	4,677	Washington.....	46,888	55,596
Vermont.....	2,116	2,533	Texas.....	2,947	Oregon.....	108,964	180,408
Massachusetts.....	1,970	( <sup>3</sup> )	Mountain.....	25,223	California.....	146,824	193,144
Middle Atlantic.....	12,715	11,355	Montana.....	6,997			
New York.....	6,769	7,459	Idaho.....	14,548	<u>Dressed lumber (24212):</u>	Value of shipments	
Pennsylvania.....	5,239	3,386	Arizona.....	1,330	United States, total:		
East North Central.....	20,299	18,734	Pacific.....	167,208	1958.....	1,470,308	
Ohio.....	1,254	( <sup>3</sup> )	Washington.....	36,985	1957.....	1,560,205	
Michigan.....	9,335	9,991	Oregon.....	86,590	1956.....	1,841,955	
Wisconsin.....	8,684	7,276	California.....	43,633	1955.....	1,894,468	
West North Central.....	14,512	12,630			1954.....	1,606,192	
Minnesota.....	11,995	11,250	<u>Rough lumber and sawed ties (24211):</u>	Value of shipments	1953.....	1,628,568	
Missouri.....	1,768	( <sup>3</sup> )	United States, total:		1952.....	1,630,199	
South Atlantic.....	84,973	58,244	1958.....	860,076	1951.....	1,587,320	
Delaware.....	1,042	( <sup>3</sup> )	1957.....	1,105,973	1950.....	1,454,906	
Maryland.....	1,635	1,001	1956.....	1,224,028	1949.....	1,161,040	
Virginia.....	7,171	4,694	1955.....	1,149,670	1947.....	1,185,408	
West Virginia.....	3,235	2,341	1954.....	991,754			
North Carolina.....	15,216	8,278	1953.....	1,224,824	New England.....	15,040	22,572
South Carolina.....	10,611	8,599	1952.....	1,218,731	Maine.....	7,254	13,310
Georgia.....	27,926	16,775	1951.....	1,293,943	New Hampshire.....	2,658	3,171
Florida.....	18,137	15,844	1950.....	1,112,281	Vermont.....	2,573	3,731
East South Central.....	31,565	29,169	1949.....	715,882	Massachusetts.....	2,193	1,466
Kentucky.....	1,875	1,053	1947.....	924,241	Middle Atlantic.....	6,973	8,305
Tennessee.....	2,628	5,074			New York.....	4,418	4,612
Alabama.....	18,183	14,549			Pennsylvania.....	2,149	3,419
Mississippi.....	8,879	8,493			East North Central.....	6,444	7,808
West South Central.....	34,947	29,758	New England.....	28,226	Ohio.....	1,092	( <sup>3</sup> )
Arkansas.....	12,862	9,139	Maine.....	10,622	Michigan.....	2,094	3,273
Louisiana.....	12,979	10,987	New Hampshire.....	7,657	Wisconsin.....	2,523	3,102
Texas.....	8,373	9,376	Vermont.....	7,171	West North Central.....	5,530	3,736
Mountain.....	37,211	30,596	Massachusetts.....	2,248	Minnesota.....	1,355	1,372
Montana.....	9,455	6,829	Middle Atlantic.....	53,911	Missouri.....	1,286	( <sup>3</sup> )
Idaho.....	24,641	21,091	New York.....	27,451	South Dakota.....	2,770	1,173
Colorado.....	1,411	1,168	New Jersey.....	1,812	South Atlantic.....	207,789	245,489
Pacific.....	325,594	344,897	Pennsylvania.....	24,648	Maryland.....	5,789	7,336
Washington.....	127,222	133,645	East North Central.....	55,581	Virginia.....	35,421	37,869
Oregon.....	131,947	152,221	Ohio.....	11,917	West Virginia.....	1,572	2,253
California.....	66,425	59,031	Indiana.....	10,252	North Carolina.....	62,616	66,455
			Illinois.....	5,132	South Carolina.....	31,248	33,047
<u>Receipts for contract logging (24119):</u>	Value of shipments		Michigan.....	15,124	Georgia.....	55,139	75,367
United States, total:			Wisconsin.....	13,156	Florida.....	15,551	22,371
1958.....	255,973		West North Central.....	17,441	East South Central.....	83,246	107,862
1954.....	194,480		Minnesota.....	3,337	Kentucky.....	2,245	2,443
	1958 <sup>2</sup>		Iowa.....	2,552	Tennessee.....	7,165	9,387
New England.....	6,905		Missouri.....	8,904	Alabama.....	49,178	64,247
Maine.....	4,208		South Dakota.....	1,706	Mississippi.....	24,658	31,785
New Hampshire.....	1,982		South Atlantic.....	165,228	West South Central.....	118,931	121,190
Middle Atlantic.....	2,567		Delaware.....	1,084	Arkansas.....	47,673	39,580
New York.....	1,944		Maryland.....	8,033	Louisiana.....	31,991	32,429
East North Central.....	4,270		Virginia.....	35,475	Oklahoma.....	5,621	2,863
Michigan.....	2,894		West Virginia.....	18,656	Texas.....	33,646	46,317
West North Central.....	2,370		North Carolina.....	38,297	Mountain.....	177,102	172,208
Minnesota.....	2,024		South Carolina.....	21,733	Montana.....	52,151	42,784
			Georgia.....	29,460	Idaho.....	86,919	93,839
			Florida.....	12,490	Wyoming.....	2,498	1,402
			East South Central.....	110,686	Colorado.....	7,395	6,547
			Kentucky.....	17,257	New Mexico.....	8,156	10,413
			Tennessee.....	27,064	Arizona.....	18,899	15,999
			Alabama.....	30,760			
			Mississippi.....	35,605			

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
	1958 <sup>2</sup>	1954					1958 <sup>2</sup>	1954
<u>Dressed lumber (24212)--</u> Continued			<u>Receipts from contract or</u> <u>custom sawing of logs owned</u> <u>by others (24219):</u> United States, total:			<u>Hardwood flooring (24261)--</u> Continued		
Pacific.....	849,253	917,896	1958.....	62,231		South Atlantic.....	30,646	35,355
Washington.....	195,425	197,028	1954.....	41,583		Maryland.....	1,681	( <sup>a</sup> )
Oregon.....	392,155	465,059				West Virginia.....	2,639	2,887
California.....	261,673	255,809				North Carolina.....	5,631	6,126
						Georgia.....	5,680	7,405
<u>Softwood cut stock (24217):</u> United States, total:			New England.....	3,493		East South Central.....	52,010	62,308
1958.....		54,335	Maine.....	1,300		Kentucky.....	6,710	4,775
1957.....		40,828	Middle Atlantic.....	2,668		Tennessee.....	28,961	38,911
1956.....		41,757	New York.....	1,254		Alabama.....	9,906	9,817
1955.....		42,094	Pennsylvania.....	1,402		Mississippi.....	6,433	8,804
1954.....		33,764	East North Central.....	3,305		West South Central.....	42,721	51,542
			Michigan.....	1,326		Arkansas.....	24,963	31,850
East North Central.....		2,465	South Atlantic.....	16,526		Louisiana.....	12,742	14,404
West North Central.....		1,273	Virginia.....	4,283		West.....	1,266	1,369
South Atlantic.....		3,535	North Carolina.....	4,650				
East South Central.....		1,638	South Carolina.....	2,712				
West South Central.....		2,038	Georgia.....	2,955				
Mountain.....		3,634	East South Central.....	6,572		<u>Hardwood dimension stock,</u> <u>furniture parts and vehicle</u> <u>stock (24262):</u> United States, total.....		102,895
Pacific.....		38,167	Tennessee.....	1,682		New England.....		6,283
Washington.....		7,439	Alabama.....	2,318		Maine.....		2,013
Oregon.....		14,363	Mississippi.....	1,612		New Hampshire.....		1,066
California.....		16,365	West South Central.....	2,720		Vermont.....		1,972
<u>Softwood flooring and other</u> <u>general sawmill and planing</u> <u>mill products, nec (24218):</u> United States, total:			Arkansas.....	1,396		Middle Atlantic.....		12,583
1958.....		63,919	Mountain.....	7,213		New York.....		8,912
1954.....		60,825	Montana.....	2,634		New Jersey.....		1,679
1947.....		74,192	Idaho.....	2,221		Pennsylvania.....		1,992
			Colorado.....	1,085		East North Central.....		13,381
New England.....		1,778	Pacific.....	18,802		Ohio.....		1,539
Middle Atlantic.....		4,121	Washington.....	1,958		Indiana.....		2,354
New York.....		1,572	Oregon.....	6,748		Illinois.....		1,990
Pennsylvania.....		1,704	California.....	10,096		Michigan.....		5,770
East North Central.....		5,607				Wisconsin.....		1,728
Ohio.....		1,601	<u>Hardwood flooring (24261):</u> United States, total:			West North Central.....		4,109
Illinois.....		1,099	1958.....	148,599		Missouri.....		3,365
Michigan.....		1,024	1957.....	158,797		South Atlantic.....		20,259
Wisconsin.....		1,146	1956.....	219,523		Virginia.....		1,827
South Atlantic.....		9,951	1955.....	229,113		West Virginia.....		1,172
North Carolina.....		3,161	1954.....	176,436		North Carolina.....		11,569
South Carolina.....		1,300	1953.....	149,437		South Carolina.....		1,625
Georgia.....		1,564	1952.....	140,054		Georgia.....		2,282
Florida.....		2,375	1951.....	174,552		East South Central.....		25,873
East South Central.....		4,066	1950.....	173,305		Kentucky.....		5,362
Alabama.....		1,834	1947.....	84,440		Tennessee.....		10,440
West South Central.....		5,067				Alabama.....		1,963
Arkansas.....		2,304	Middle Atlantic.....	3,623	1958 <sup>2</sup>	Mississippi.....		8,108
Texas.....		1,580	New York.....	1,457	1954	West South Central.....		13,487
Mountain.....		5,684	Pennsylvania.....	2,166		Arkansas.....		6,470
Montana.....		1,703	East North Central.....	11,764		Louisiana.....		4,353
Idaho.....		1,022	Ohio.....	1,061				
Pacific.....		26,841	Michigan.....	5,331		Pacific.....		6,900
Washington.....		8,373	Wisconsin.....	3,259		Washington.....		2,690
Oregon.....		13,393	West North Central.....	6,272		California.....		3,596
California.....		5,075	Missouri.....	6,260				

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Includes an indeterminable amount of "Receipts for contract logging" reported as "Logs, bolts, and pulpwood, nsk," product code 2411000.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 24211, Utah and Nevada; 24212, Utah; 24217, North Carolina, Arkansas, and Arizona; 24218, Arizona; 24261, Illinois, South Carolina, Florida, Oklahoma, and Texas; 24262, Maryland and Texas.

<sup>3</sup>Shipments of less than \$1 million reported.

<sup>4</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.



Table 6C.—Number of Establishments and Production of Lumber by Geographic Division and State: 1958

Divisions, regions, and States	Number of establishments <sup>1</sup>	Production (1,000 bd. ft.)		
		Total	Softwoods	Hardwoods
UNITED STATES, TOTAL.....	31,645	33,384,380	27,378,365	6,006,015
Northeast.....	4,619	1,504,299	779,715	724,584
New England.....	1,478	679,220	521,190	158,030
Maine.....	(S)	*286,180	**251,190	34,990
New Hampshire.....	(S)	154,001	124,197	29,804
Vermont.....	(S)	*142,388	*85,086	*57,302
Massachusetts.....	(S)	*73,080	*50,062	**23,018
Rhode Island.....	(S)	(S)	(S)	(S)
Connecticut.....	(S)	**21,421	(S)	**12,076
Middle Atlantic.....	3,141	825,079	258,525	566,554
New York.....	1,119	368,314	168,722	199,592
New Jersey.....	(S)	*29,611	*12,063	17,548
Pennsylvania.....	1,876	427,154	77,740	349,414
North Central.....	9,195	1,558,976	350,750	1,208,226
East North Central.....	5,263	1,034,926	211,016	823,910
Ohio.....	**1,146	*201,374	33,956	*167,418
Indiana.....	768	155,318	30,262	125,056
Illinois.....	(S)	*110,756	12,888	*97,868
Michigan.....	**1,311	*295,304	58,711	(S)
Wisconsin.....	**1,225	*272,174	*75,199	*196,975
West North Central <sup>1</sup> .....	3,932	524,050	139,734	384,316
Minnesota.....	(S)	**144,469	(S)	**45,909
Iowa.....	(S)	**49,192	9,686	(S)
Missouri.....	**1,845	*314,102	26,886	*287,216
North Dakota.....	(S)	**567	88	(S)
Nebraska.....	(S)	1,524	506	1,018
Kansas.....	(S)	14,196	4,008	10,188
South.....	15,480	10,620,395	6,632,639	3,987,756
South Atlantic.....	9,238	5,178,642	3,558,148	1,620,494
Delaware.....	(S)	30,739	28,901	1,838
Maryland.....	240	156,275	92,543	63,732
Virginia.....	(S)	1,076,182	620,419	*455,763
West Virginia.....	1,330	*345,599	*60,486	285,113
North Carolina.....	2,493	1,413,644	1,042,778	370,866
South Carolina.....	735	676,024	501,929	174,095
Georgia.....	**1,599	**1,207,076	*985,370	**221,706
Florida.....	191	273,103	225,722	47,381
East South Central.....	4,233	2,720,240	1,318,717	1,401,523
Kentucky.....	**997	*325,401	84,366	*241,035
Tennessee.....	*1,849	614,983	*163,399	*451,584
Alabama.....	813	1,093,493	780,411	313,082
Mississippi.....	574	686,363	290,541	395,822
West South Central.....	2,009	2,721,513	1,755,774	965,739
Arkansas.....	735	1,076,901	709,810	367,091
Louisiana.....	422	766,048	406,345	359,703
Oklahoma.....	(S)	*97,730	79,319	(S)
Texas.....	436	780,834	560,300	220,534
West <sup>2</sup> .....	2,351	19,700,710	19,615,261	85,449
Mountain <sup>2</sup> .....	736	3,380,738	3,361,060	19,678
Montana.....	195	924,014	922,753	1,261
Idaho.....	184	1,437,000	1,422,905	14,170
Wyoming.....	63	104,871	104,871	...
Colorado.....	135	209,095	209,089	4
New Mexico.....	56	240,687	236,469	4,218
Arizona.....	28	302,619	302,619	...
Utah.....	40	(D)	(D)	(D)
Nevada.....	4	(D)	(D)	(D)
South Dakota <sup>2</sup> .....	31	72,464	72,464	...
Pacific.....	1,615	16,319,972	16,254,201	65,771
Washington.....	469	3,434,668	3,413,875	40,793
Oregon.....	645	7,444,530	7,523,017	21,513
California.....	501	5,320,774	5,317,309	3,463

NOTE ON SAMPLING VARIATIONS: The data shown above, for all Eastern States, are based in part on a representative sample of sawmills. Thus the number of sawmills and the production of lumber reported are estimates which may vary from the figures which would be obtained from a complete census. Sampling variations have been computed for all States and Divisions affected. These standard errors, expressed in percent, show that the chances are approximately two out of three: that the unstarred figures do not vary from the true figures by more than 5 percent; the one-starred figures do not vary by more than 10 percent; and the two-starred figures do not vary by more than 15 percent. Figures with standard errors of more than 15 percent have been suppressed and are indicated by an (S).

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Although most establishment reports covered the production of only one mill, 372 establishments included production of 2 mills, 63 of 3, 14 of 4, 14 of 5, and 18 establishments of 6 or more mills each. The total number of mills for 1958 is estimated at 32,339.

<sup>3</sup> South Dakota is included with the Mountain Division because its production is limited to Western species.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	1958 delivered cost (\$1,000)	1954 delivered cost (\$1,000)
		INDUSTRY 2411—LOGGING CAMPS AND CONTRACTORS	
	Materials, parts and supplies, total.....	333,421	256,645
081111	Cost of stumpage cut, excluding land value.....	156,833	139,807
241115	Logs and bolts.....	10,830	6,765
242110			
242111	Rough lumber, hardwood and softwood.....	2,365	110,073
242115			
970099	All other materials and components, parts, containers and supplies consumed.....	66,010	
973000	All other materials and components, parts, containers and supplies consumed, nsk.....	97,383	

Code	Material	Unit of measure	1958		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2421—SAWMILLS AND PLANING MILLS		INDUSTRY 2426—HARDWOOD DIMENSION AND FLOORING	
	Materials, parts and supplies, total.....		xxx	1,405,009	xxx	132,824
081111	Cost of stumpage cut, excluding land value.....		xxx	298,934	xxx	3,113
241115	Logs and bolts:					
	Quantity reported.....	1,000 ft. (log scale).....	12,883,757	501,395	243,427	12,129
	Quantity not reported.....		xxx	20,154	xxx	xxx
	Rough lumber:					
242111	Hardwood:					
	Quantity reported.....	1,000 bd. ft...	469,593	27,748	1,102,714	77,801
	Quantity not reported.....		xxx	3,587	xxx	xxx
242115	Softwood:					
	Quantity reported.....	1,000 bd. ft...	2,626,484	148,710	12,600	2,091
	Quantity not reported.....		xxx	2,697	xxx	624
242110	Rough lumber, nsk:					
	Quantity reported.....	1,000 bd. ft...	1,045,620	59,322	xxx	xxx
	Quantity not reported.....		xxx	8,925	xxx	xxx
	Dressed lumber:					
242121	Hardwood.....	1,000 bd. ft...	xxx	1,794	33,101	2,969
242125	Softwood:					
	Quantity reported.....	...do.....	277,578	19,752	(NA)	624
	Quantity not reported.....		xxx	1,463	xxx	xxx
970099	All other materials and components, parts, containers and supplies consumed.....		xxx	168,466	xxx	21,697
973000	All other materials, parts, and supplies consumed, including materials, etc., nsk.....		xxx	142,062	xxx	11,776
			1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2429—SPECIAL PRODUCTS, SAWMILLS, NEC			
	Materials, parts and supplies, total.....		xxx	45,341	xxx	137,139
081111	Cost of stumpage cut, excluding land value.....		xxx	1,681	xxx	3,058
241115	Logs and bolts:					
	Quantity reported.....	1,000 ft. (log scale).....	358,269	17,443	354,967	14,349
	Quantity not reported.....		xxx	3,078		
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	16,317	xxx	19,732
973000	All other materials, components, parts, containers and supplies consumed, nsk.....		xxx	6,822	xxx	xxx

NA Not available.

<sup>1</sup>Represents the sum of material costs reported by establishments classified in the old Industry 2423, Shingle Mills; 2424, Cooperage Stock Mills; and, 2425, Excelsior Mills. The cost of materials consumed by establishments primarily engaged in manufacturing "wood chips" is not available for 1954.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2411	LOGGING CAMPS AND CONTRACTORS (entire industry).....	12,805	71,505	226,742	62,363	108,463	194,685	387,418	474,619	865,340	67,904
	Establishments with:										
	90% or more specialization.....	12,322	68,243	218,538	59,535	103,554	187,617	373,135	456,185	832,544	65,762
	75-89% specialization.....	124	1,045	2,812	908	1,667	2,430	4,978	6,523	11,345	535
24119	Receipts for contract logging (primary product class of estab.)..	4,013	24,899	87,732	21,671	37,476	76,573	167,984	96,981	258,755	27,151
	Establishments with:										
	90% or more specialization....	3,787	23,228	81,829	20,310	34,975	71,435	157,336	88,755	240,031	25,571
	75-89% specialization.....	95	743	3,154	645	1,130	2,702	5,172	4,145	9,176	791
2421	SAWMILLS AND PLANING MILLS (entire industry).....	15,636	245,687	770,296	215,699	406,984	655,668	1,194,650	1,709,840	2,914,315	129,369
	Establishments with:										
	90% or more specialization.....	14,220	184,171	543,968	160,856	298,490	463,627	862,599	1,244,512	2,114,167	94,348
	75-89% specialization.....	580	32,862	126,697	29,432	58,235	108,201	176,992	254,602	435,440	21,434
24211	Rough lumber and sawed ties (primary product class of estab.).....	8,466	84,485	217,459	72,946	133,477	183,658	348,667	484,130	837,988	39,415
	Establishments with:										
	90% or more specialization....	7,018	62,690	151,604	53,976	97,048	128,824	239,830	337,192	580,301	28,368
	75-89% specialization.....	588	7,468	20,685	6,554	12,230	17,352	29,084	48,006	78,528	5,100
24212	Dressed lumber (primary product class of estab.).....	2,014	120,603	461,437	107,845	212,973	394,429	711,037	1,070,350	1,796,698	67,921
	Establishments with:										
	90% or more specialization....	1,116	42,161	155,708	37,637	71,939	133,832	263,166	439,741	705,916	20,224
	75-89% specialization.....	397	30,960	126,214	28,014	55,051	108,541	184,982	270,639	464,708	18,716
24217	Softwood cut stock (primary product class of estab.).....	94	3,382	13,700	3,117	6,214	12,154	21,396	28,543	50,175	881
	Establishments with:										
	90% or more specialization....	56	894	2,977	786	1,499	2,556	6,640	9,381	15,844	(1)
	75-89% specialization.....	12	141	449	122	242	386	630	926	1,555	(1)
24218	Softwood flooring and other general sawmill and planingmill products, nec (primary product class of estab.)..	404	3,479	10,913	2,962	5,279	8,985	19,735	22,577	41,711	1,929
	Establishments with:										
	90% or more specialization....	317	2,265	6,790	1,909	3,436	5,523	11,694	14,550	25,727	1,405
	75-89% specialization.....	20	155	444	125	220	332	839	1,058	1,830	(1)
24219	Receipts from contract or custom sawing of logs owned by others (primary product class of estab.)..	1,655	10,448	22,840	9,043	15,797	19,574	45,259	20,509	56,237	4,470
	Establishments with:										
	90% or more specialization....	1,490	8,832	19,081	7,617	13,138	16,322	38,504	16,274	45,196	3,901
	75-89% specialization.....	38	404	1,345	372	799	1,244	2,247	1,360	3,611	(1)
2426	HARDWOOD DIMENSION AND FLOORING (entire industry).....	436	25,140	75,177	22,479	45,346	60,779	110,354	151,993	260,645	7,645
	Establishments with:										
	90% or more specialization.....	286	13,642	40,627	12,199	24,400	32,791	59,492	83,404	141,748	4,748
	75-89% specialization.....	56	3,661	10,625	3,342	6,915	8,753	15,726	20,225	36,098	675
24261	Hardwood flooring (primary product class of estab.).....	167	15,497	45,090	13,981	28,538	36,854	65,369	106,605	170,696	3,631
	Establishments with:										
	90% or more specialization....	94	6,752	19,488	6,066	12,213	15,636	28,805	50,595	78,657	1,271
	75-89% specialization.....	21	1,717	4,624	1,580	3,272	3,993	6,464	9,890	16,444	(1)
24262	Hardwood dimension stocks (primary product class of estab.).....	269	9,643	30,087	8,498	16,808	23,925	44,985	45,388	89,949	4,014
	Establishments with:										
	90% or more specialization....	183	5,922	18,385	5,244	10,354	14,787	26,895	27,971	54,507	3,282
	75-89% specialization.....	33	1,353	4,348	1,209	2,517	3,439	6,969	6,057	13,189	(1)
2429	SPECIAL PRODUCTS, SAWMILLS, NEC (entire industry).....	478	7,176	22,097	6,465	10,678	18,804	36,123	50,901	89,381	1,682
	Establishments with:										
	90% or more specialization.....	412	6,041	18,117	5,453	9,013	15,481	29,405	42,558	74,241	1,443
	75-89% specialization.....	12	389	1,359	351	634	1,149	1,957	2,617	4,661	(1)

<sup>1</sup>Less than \$500 thousand.





# Millwork, Veneer, Plywood and Prefabricated Structural Wood Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

2431—Millwork Plants

2432—Veneer and Plywood Plants

2433—Prefabricated Wooden Buildings and Structural Members

### 2431—Millwork Plants

This industry comprises establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry but planing mills primarily producing standard workings or patterns of lumber are classified in Industry 2421, Sawmills and Planing Mills. For a detailed list of products of Industry 2431, refer to table 6A, product codes 2431133 to 2431871.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Wood window and door screens formerly classified in Industry 2561, Window and Door Screens, are now considered primary to Industry 2431, Millwork Plants.

Value of shipments and other receipts of millwork plants in 1958 totaled \$1,050 million. This included shipments of millwork products (primary products), valued at \$838 million, shipments of other products (secondary products) valued at \$74 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$138 million.

This industry's shipments of millwork products (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of wood household furniture, not upholstered, \$18 million; dressed lumber, \$8 million; and softwood cut stock, softwood flooring and other planing mill products, \$5 million.

Industry 2431 shipments of millwork products (primary products) in 1958 represented 92 percent (coverage ratio) of these products valued at \$913 million shipped by all industries. Other industries shipping millwork products (primary products) consisted mainly of Industry 2421, Sawmills and Planing Mills, \$26 million; and Industry 2511, Wood Household Furniture, Not Upholstered, \$3 million.

### 2432—Veneer and Plywood Plants

This industry comprises establishments primarily engaged in producing commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced

veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets are classified in Industry 2443, Veneer and Plywood Containers; and wood boxes in Industries 2441, Nailed Wooden Boxes and Shook, and 2442, Wirebound Boxes and Crates. For a detailed list of products of Industry 2432, refer to table 6A, product codes 2432111 to 2432631.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. Veneer mills previously classified in old Industry 2422 are now included in Industry 2432. In addition, particle board, formerly classified in the plywood industry, is now considered primary to Industry 2499, Wood Products, N.E.C.

Value of shipments and other receipts of the Veneer and Plywood Plants Industry in 1958 totaled \$884 million. This included shipments of veneer and plywood (primary products), valued at \$794 million, shipments of other products (secondary products) valued at \$68 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$22 million.

This industry's shipments of veneer and plywood (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 93 percent. Secondary products shipped by this industry in 1958 consisted mainly of dressed lumber, \$19 million; wood doors, \$13 million; and rough lumber and sawed ties, \$8 million.

Industry 2432 shipments of veneer and plywood (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$836 million shipped by all industries. In 1954, the coverage ratio was 93 percent. Another industry shipping veneer and plywood (primary products) was Industry 2421, Sawmills and Planing Mills, \$20 million.

### 2433—Prefabricated Wooden Buildings and Structural Members

This industry comprises establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels; or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry. For a detailed list of products of Industry 2433, refer to table 6A, product codes 2433121 to 2433298.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.



Value of shipments and other receipts of the Prefabricated Wood Products Industry in 1958 totaled \$322 million. This included shipments of prefabricated wood products (primary products), valued at \$287 million, shipments of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$28 million.

This industry's shipments of prefabricated wood products (primary products) in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and

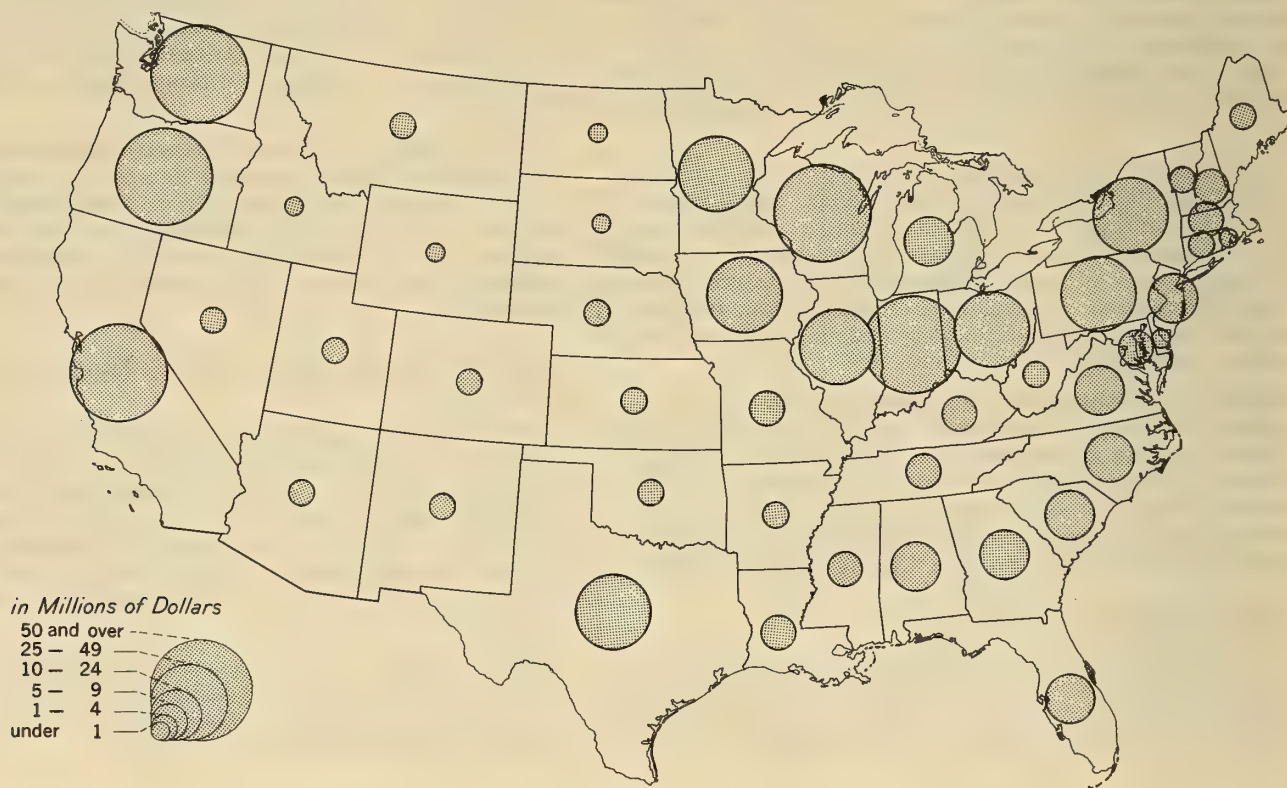
secondary). The industry specialization ratio in 1954 was 99 percent. Secondary products shipped by this industry in 1958 consisted mainly of dressed lumber, \$2 million.

Industry 2433 shipments of prefabricated wood products (primary products) in 1958 represented 98 percent (coverage ratio) of these products valued at \$294 million shipped by all industries. In 1954, the coverage ratio was 95 percent. Another industry shipping prefabricated wood products (primary products) was Industry 2421, Sawmills and Planing Mills, \$3 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## MILLWORK, VENEER, PLYWOOD AND PREFABRICATED STRUCTURAL WOOD PRODUCTS: SIC 243

Value Added by Manufacture by State: 1958



Includes Industries 2431, 2432 and 2433. See Table 2.

Bureau of the Census M-58-D243



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2431	Millwork plants: <sup>8 9</sup>														
	1958.....	3,112	3,163	713	61,962	267,997	50,309	98,548	196,928	412,548	639,290	1,049,571	16,498	92	92
	1958 (old SIC)....	(NA)	3,021	713	61,441	267,051	49,776	97,496	195,733	410,623	632,032	1,040,573	16,312	92	92
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	69,047	281,315	54,926	106,181	200,794	419,704	529,170	916,891	12,062	93	92
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	71,540	289,444	57,558	114,093	208,577	444,611	566,845	979,317	14,645	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	73,846	287,027	60,631	121,326	211,470	454,347	597,550	1,010,846	17,956	(NA)	(NA)
	1954.....	3,317	3,348	731	68,668	258,198	55,700	113,488	188,156	408,471	608,540	1,011,259	13,737	90	91
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	70,282	263,683	58,799	120,477	201,070	387,971	474,392	862,363	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	69,417	253,754	58,087	120,714	191,746	380,750	459,604	840,361	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	73,010	254,669	62,157	127,452	195,285	399,656	486,723	886,379	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	74,052	234,497	62,234	127,765	178,487	370,215	435,521	805,736	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	62,542	189,350	52,506	111,037	142,491	272,367	319,421	591,788	(NA)	(NA)	(NA)
	1947.....	2,276	2,381	(NA)	59,783	162,050	51,901	106,647	128,695	266,452	279,730	546,182	(NA)	(NA)	(NA)
	1939.....	(NA)	2,260	(NA)	(NA)	(NA)	41,532	(NA)	47,282	103,380	113,660	217,040	(NA)	(NA)	(NA)
2432	Veneer and plywood plants: <sup>10 11</sup>														
	1958.....	513	588	450	59,346	240,821	54,092	108,437	207,645	390,131	503,545	884,111	25,376	92	95
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	54,934	204,156	50,546	98,932	176,727	303,848	399,059	704,858	(NA)	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,681	255,817	54,141	109,572	195,726	347,790	427,980	789,661	(NA)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	59,105	229,614	54,769	113,172	201,067	401,905	423,510	817,386	21,523	(NA)	(NA)
	1954.....	(NA)	516	(NA)	52,026	187,754	47,896	97,409	162,404	303,713	347,914	654,541	14,339	93	93
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	53,399	184,352	49,577	102,692	159,447	286,476	335,044	591,520	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	47,878	168,956	44,430	92,988	146,980	247,032	281,681	528,713	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	49,454	166,836	45,958	96,945	145,580	288,653	275,067	563,720	(NA)	(NA)	(NA)
	1947.....	(NA)	319	(NA)	37,950	94,224	35,047	74,992	81,451	186,083	153,419	339,482	(NA)	(NA)	(NA)
	1939.....	(NA)	237	(NA)	(NA)	(NA)	20,938	(NA)	18,145	38,531	31,193	69,724	(NA)	(NA)	(NA)
2433	Prefabricated wood products:														
	1958.....	364	374	150	13,550	61,984	9,942	19,303	38,294	122,344	201,436	322,279	4,418	98	98
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,703	48,504	7,963	15,895	28,195	93,146	(NA)	246,946	(S)	95	97
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,665	50,559	8,900	17,329	30,282	102,401	162,872	(NA)	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,928	52,196	10,401	19,101	32,837	105,730	175,058	(NA)	8,432	(NA)	(NA)
	1954.....	222	231	111	11,547	45,905	9,216	(NA)	29,125	90,529	154,861	245,457	(NA)	99	95
	1947.....	(NA)	206	122	10,075	27,879	8,381	(NA)	20,384	38,695	64,616	103,311	(NA)	93	96
	1939.....	(NA)	48	(NA)	(NA)	(NA)	1,748	(NA)	1,500	3,627	5,171	8,798	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>2</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>3</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>4</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000)
2431	374,518
2432	305,500
2433	88,999

<sup>5</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc. (\$1,000)	
	1958	1954
2431	538,085	498,490
2432	491,735	330,240
2433	183,221	135,388

Footnotes continued on next page.

## MANUFACTURES-INDUSTRY STATISTICS

Footnotes for Table 1-24B

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of shipments (\$1,000)	
	1958	1954
2431	922,388	873,007
2432	871,264	635,741
2433	300,572	224,388

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>10</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: Industry 2422, Veneer Mills, and Industry 2432, Plywood Plants. The data for 1957 and earlier years for these two industries have been combined.

<sup>11</sup>The new classification system includes manufacturers of veneer and plywood in the same industry, 2432, Veneer and Plywood Plants. Because many plywood manufacturers purchase their veneer, it should be noted that the value of shipments total includes an undetermined amount of duplication.

Table 1A.-Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.)

Item	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2431-Millwork plants.....	3,163	713	61,962	412,548	xxx	xxx	xxx	xxx
Old Industry 2431-Millwork plants.....	2,991	700	60,511	404,364	3,021	713	61,441	410,623
Old Industry 2561-Window and door screens.....	168	11	1,200	7,680	272	54	4,628	37,803
All other industries <sup>1</sup> .....	4	2	251	504	xxx	xxx	xxx	xxx
New Industry 2432-Veneer and plywood plants.....	588	450	59,346	390,131	xxx	xxx	xxx	xxx
Old Industry 2422-Veneer Mills.....	288	206	13,103	75,116	r288	r206	r13,103	r75,116
Old Industry 2432-Plywood plants.....	293	242	45,832	312,068	r313	r257	r47,706	r326,756
All other Industries <sup>1</sup> .....	7	2	411	2,947	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>r</sup>Revised.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2431	Millwork plants, total.....	3,163	713	61,962	267,997	50,309	98,542	196,922	412,548	1,049,571	16,498	(4)	(4)	(4)
	New England.....	229	46	3,007	12,909	2,401	4,786	9,043	18,807	44,140	1,209	(4)	(4)	(4)
	Massachusetts...	114	19	1,192	5,202	951	1,877	3,691	7,862	17,372	(2)	(4)	(4)	(4)
	Rhode Island....	12	3	176	786	135	269	508	981	2,067	(2)	(4)	(4)	(4)
	Connecticut.....	48	7	532	2,686	426	839	1,917	3,970	8,780	(D)	(4)	(4)	(4)
	Middle Atlantic...	484	104	7,091	33,912	5,525	11,041	23,640	53,355	130,750	2,406	(4)	(4)	(4)
	New York.....	248	48	3,273	17,360	2,513	5,142	12,032	26,647	66,404	839	(4)	(4)	(4)
	New Jersey.....	96	19	1,398	6,155	1,069	2,075	4,028	11,313	24,871	596	(4)	(4)	(4)
	Pennsylvania....	140	37	2,420	10,397	1,943	3,824	7,580	15,395	39,475	971	(4)	(4)	(4)
	East North Central	584	135	13,668	61,967	10,774	20,864	43,322	89,132	221,662	3,001	(4)	(4)	(4)
	Ohio.....	88	22	1,789	8,727	1,303	2,474	5,438	12,020	33,958	(2)	(4)	(4)	(4)
	Indiana.....	43	8	982	4,159	751	1,373	2,676	6,988	16,701	(2)	(4)	(4)	(4)
	Illinois.....	205	40	3,617	18,053	2,739	5,150	12,276	25,742	57,766	620	(4)	(4)	(4)
	Michigan.....	126	24	1,965	9,475	1,446	2,693	6,277	13,656	37,707	607	(4)	(4)	(4)
	Wisconsin.....	122	41	5,315	21,553	4,535	9,174	16,655	30,726	75,530	1,039	(4)	(4)	(4)
	West North Central	230	59	8,105	37,454	6,345	12,529	26,461	61,786	140,432	1,836	(4)	(4)	(4)
	Minnesota.....	72	21	2,706	13,913	2,081	3,971	9,524	28,060	62,265	572	(4)	(4)	(4)
	Iowa.....	36	12	3,642	15,810	2,962	5,958	11,657	23,579	50,782	944	(4)	(4)	(4)
	Missouri.....	65	12	902	3,944	623	1,210	2,554	5,178	13,210	(2)	(4)	(4)	(4)
	South Atlantic....	384	90	6,645	22,633	5,384	10,787	16,522	32,050	94,108	1,298	(4)	(4)	(4)
	Maryland.....	38	14	871	3,612	649	1,382	2,388	5,227	13,633	(2)	(4)	(4)	(4)
	Virginia.....	31	14	1,417	4,868	1,146	2,247	3,331	6,721	19,231	(2)	(4)	(4)	(4)
	Florida.....	143	24	1,669	5,977	1,374	2,585	4,632	8,560	24,507	(2)	(4)	(4)	(4)
	East South Central	153	38	3,696	12,719	3,012	5,900	8,975	19,960	54,396	635	(4)	(4)	(4)
	Alabama.....	57	11	982	3,147	803	1,630	2,238	5,540	16,058	(2)	(4)	(4)	(4)
	Mississippi.....	23	6	1,062	3,190	926	1,832	2,557	4,949	12,616	(2)	(4)	(4)	(4)
	West South Central	304	62	5,339	19,096	4,432	8,817	14,242	30,316	87,019	2,006	(4)	(4)	(4)
	Louisiana.....	51	12	993	3,579	725	1,428	2,244	5,014	14,522	(2)	(4)	(4)	(4)
	Texas.....	193	38	3,423	12,245	2,967	5,956	9,778	21,194	59,596	1,584	(4)	(4)	(4)
	Mountain.....	141	23	2,220	9,832	1,961	3,773	8,067	15,896	42,973	817	(4)	(4)	(4)
	Montana.....	17	2	415	1,838	374	724	1,540	3,199	6,880	(2)	(4)	(4)	(4)
	New Mexico.....	19	3	336	1,342	312	588	1,196	4,016	6,551	(2)	(4)	(4)	(4)
	Nevada.....	7	3	302	1,328	273	477	1,167	1,772	6,554	(D)	(4)	(4)	(4)
	Pacific.....	654	156	12,191	57,475	10,475	20,045	46,650	91,246	234,091	3,290	(4)	(4)	(4)
	Washington.....	103	26	2,545	11,267	2,266	4,329	9,429	15,990	44,126	(2)	(4)	(4)	(4)
	Oregon.....	81	34	2,653	11,590	2,336	4,447	9,879	20,767	53,031	694	(4)	(4)	(4)
	California.....	470	96	6,993	34,618	5,873	11,269	27,342	54,489	136,934	2,215	(4)	(4)	(4)
2432	Veneer and plywood plants, total.....	588	450	59,346	240,821	54,092	108,437	207,645	390,131	884,111	25,376	52,026	305,500	37,950
	New England.....	21	16	2,048	6,858	1,771	3,754	5,442	9,820	24,127	1,185	(5)	(5)	(5)
	Vermont.....	10	9	992	2,860	790	1,514	2,072	4,320	8,351	(2)	(5)	(5)	(5)
	Middle Atlantic...	25	10	1,028	3,587	869	1,810	2,787	6,167	13,613	(2)	(5)	(5)	(5)
	New York.....	16	8	770	2,820	654	1,405	2,197	5,037	10,934	(2)	(5)	(5)	(5)
	East North Central	72	53	6,592	24,385	5,617	11,797	18,292	40,859	91,934	1,129	(5)	(5)	(5)
	Indiana.....	26	23	2,245	9,314	1,918	4,322	6,784	17,421	40,428	(2)	2,214	12,420	2,624
	Michigan.....	7	3	227	873	191	353	689	1,544	3,053	(2)	(5)	(5)	(5)
	Wisconsin.....	27	22	3,713	12,439	3,183	6,435	9,629	18,631	42,226	504	(5)	(5)	(5)
	West North Central	12	4	326	979	304	622	858	1,607	3,527	(2)	(5)	(5)	(5)
	Minnesota.....	5	2	120	388	113	223	354	794	1,677	(2)	(5)	(5)	(5)
	South Atlantic....	172	136	12,072	31,972	11,183	22,536	26,753	49,184	101,234	1,906	11,802	41,200	(D)
	West Virginia....	5	4	362	1,081	339	675	940	1,877	3,291	(2)	(5)	(5)	(5)
	North Carolina..	69	55	4,485	11,427	4,165	8,177	9,637	18,174	35,948	(2)	4,520	15,279	3,326
	South Carolina..	33	27	2,846	7,297	2,595	5,243	5,931	11,183	25,072	(2)	2,619	8,611	3,721
	Georgia.....	21	19	2,274	6,069	2,157	4,559	5,321	8,607	17,464	(2)	2,453	8,687	1,696
	Florida.....	15	11	766	1,870	716	1,374	1,597	2,824	5,344	(2)	(5)	(5)	(5)
	East South Central	56	44	3,909	10,766	3,569	7,120	8,709	15,010	34,606	(2)	3,800	13,310	7,914
	Tennessee.....	10	8	1,192	3,773	1,051	2,245	2,814	5,177	11,329	(2)	654	2,588	(D)
	Alabama.....	26	19	1,308	3,180	1,245	2,476	2,857	4,245	9,745	(2)	(5)	(5)	(5)
	West South Central	23	17	1,086	2,804	1,016	1,979	2,307	3,680	7,932	(2)	1,871	5,072	1,814
	Texas.....	5	3	229	564	217	448	508	700	1,176	(2)	(5)	(5)	(5)
	Mountain.....	4	3	159	619	142	256	482	1,018	2,191	(2)	(5)	(5)	(5)
	Pacific.....	203	167	32,126	158,851	29,620	58,563	142,015	262,786	604,947	20,032	(5)	(5)	(5)
	Oregon.....	108	94	18,910	94,073	17,448	34,666	83,399	166,370	363,284	14,316	11,735	99,754	3,928

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2433	Prefabricated wood products, total....	374	150	13,550	61,984	9,942	19,303	38,294	122,344	322,279	4,418	11,547	88,999	10,075
	New England.....	13	5	247	949	191	358	641	1,195	3,717	(2)	193	1,156	399
	Middle Atlantic....	49	21	1,631	8,415	1,102	1,978	4,337	17,705	45,440	(2)	1,437	12,714	1,689
	New York.....	24	9	647	3,447	490	951	2,037	5,789	15,606	(2)	(3)	(3)	(3)
	East North Central	123	47	5,345	26,486	3,700	7,210	15,298	51,755	140,636	1,889	(3)	(3)	(3)
	Indiana.....	27	10	2,085	11,027	1,534	3,011	6,473	24,657	62,451	1,054	2,878	20,734	570
	Michigan.....	32	6	486	2,276	323	584	1,280	3,543	10,192	(2)	673	6,845	242
	Wisconsin.....	8	3	481	2,331	305	622	1,166	3,593	11,172	(2)	418	3,633	305
	West North Central	31	16	1,057	4,682	843	1,716	3,212	10,461	25,944	(2)	(3)	(3)	(3)
	Minnesota.....	13	7	520	2,206	436	879	1,558	4,523	11,013	(2)	(3)	(3)	(3)
	South Atlantic....	55	21	1,925	6,818	1,458	2,977	4,779	13,319	36,480	(2)	858	5,102	1,238
	Florida.....	27	8	467	1,610	387	775	1,284	2,576	6,869	(2)	178	674	319
	East South Central	13	8	760	2,567	631	1,200	1,780	4,350	14,402	(2)	499	3,456	204
	Alabama.....	5	3	368	1,323	302	575	923	2,209	6,990	(2)	(3)	(3)	(3)
	West South Central	17	10	777	3,257	597	1,163	1,934	6,693	17,017	(2)	513	2,301	1,496
	Texas.....	9	4	251	1,204	205	384	652	3,369	7,658	(2)	(3)	(3)	(3)
	Mountain.....	10	3	177	662	137	259	530	1,182	2,994	(2)	13	62	(D)
	Pacific.....	63	19	1,631	8,148	1,283	2,442	5,783	15,684	35,649	638	1,270	10,243	(D)
	Oregon.....	14	2	546	2,844	417	780	1,828	5,631	12,524	(2)	759	4,885	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2431, Millwork Plants: New England—Maine, 25 (100-249); New Hampshire, 22 (500-999); Vermont, 8 (20-99); West North Central—North Dakota, 4 (20-99); South Dakota, 10 (100-249); Nebraska, 16 (250-499); Kansas, 27 (250-499); South Atlantic—Delaware, 4 (20-99); District of Columbia, 5 (100-249); West Virginia, 6 (20-99); North Carolina, 79 (1,488); South Carolina, 28 (250-499); Georgia, 50 (500-999); East South Central—Kentucky, 21 (500-999); Tennessee, 52 (500-999); West South Central—Arkansas, 23 (500-999); Oklahoma, 37 (250-999); Mountain—Idaho, 13 (20-99); Wyoming, 4 (1-19); Colorado, 29 (250-499); Arizona, 28 (500-999); Utah, 24 (100-249).

SIC 2432, Veneer and Plywood Plants: New England—Maine, 3 (500-999); New Hampshire, 4 (250-499); Massachusetts, 2 (20-99); Connecticut, 2 (1-19); Middle Atlantic—New Jersey, 4 (20-99); Pennsylvania, 5 (100-249); East North Central—Ohio, 4 (20-99); Illinois, 8 (250-499); West North Central—Iowa, 1 (20-99); Missouri, 5 (100-249); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 5 (20-99); Virginia, 23 (1,241); East South Central—Kentucky, 6 (250-499); Mississippi, 14 (1,080); West South Central—Arkansas, 6 (250-499); Louisiana, 12 (250-499); Mountain—Montana, 2 (20-99); Idaho, 1 (20-99); Colorado, 1 (20-99); Pacific—Washington, 46 (8,759); California, 49 (4,457).

SIC 2433, Prefabricated Wood Products: New England—Maine, 1 (1-19); New Hampshire, 1 (20-99); Massachusetts, 7 (100-249); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 5 (250-499); Pennsylvania, 20 (500-999); East North Central—Ohio, 35 (1,505); Illinois, 21 (500-999); West North Central—Iowa, 6 (100-249); Missouri, 6 (100-249); South Dakota, 1 (1-19); Nebraska, 2 (20-99); Kansas, 3 (100-249); South Atlantic—Maryland, 6 (100-249); District of Columbia, 2 (1-19); Virginia, 5 (500-999); West Virginia, 2 (20-99); North Carolina, 3 (100-249); South Carolina, 2 (20-99); Georgia, 8 (250-499); East South Central—Kentucky, 2 (20-99); Tennessee, 2 (20-99); Mississippi, 4 (250-499); West South Central—Arkansas, 4 (100-249); Louisiana, 3 (250-499); Oklahoma, 1 (20-99); Mountain—Montana, 3 (20-99); Idaho, 1 (1-19); Colorado, 4 (20-99); Arizona, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 20 (500-999); California, 29 (500-999).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

<sup>5</sup>Figures for this State (division, region) are not shown because the 1954 and 1947 data are a combination of the old Industry 2432, Plywood Plants and Industry 2422, Veneer Mills; in some instances the State (division, region) was shown in only one of the industries, in other cases, the State (division, region) was not statistically significant in either industry.



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2431	Millwork Plants, total.....	3,021	713	61,441	267,051	49,776	97,496	195,733	410,623	1,040,573	16,316	68,668	374,518	59,783
	New England.....	221	44	2,947	12,669	2,350	4,695	8,908	18,452	43,428	1,170	2,850	14,944	2,784
	Massachusetts....	108	18	1,160	5,090	925	1,832	3,629	7,768	17,176	(3)	1,190	6,393	1,293
	Rhode Island.....	11	3	175	784	134	268	506	978	2,059	(3)	228	1,214	197
	Connecticut.....	48	7	532	2,686	426	839	1,917	3,970	8,780	(D)	(4)	(4)	(4)
	Middle Atlantic...	471	104	6,994	33,780	5,414	10,816	23,313	53,099	129,278	2,430	8,013	45,875	6,399
	New York.....	239	49	3,255	17,495	2,483	5,075	11,981	26,576	66,025	863	4,089	23,834	2,899
	New Jersey.....	92	19	1,392	6,130	1,065	2,067	4,014	11,236	24,713	595	1,320	8,295	714
	Pennsylvania.....	140	36	2,347	10,155	1,866	3,674	7,318	15,287	38,540	972	2,604	13,746	2,786
	East North Central	567	138	13,815	62,765	10,888	21,091	43,803	90,659	224,278	3,022	16,712	94,702	13,179
	Ohio.....	83	23	1,787	8,750	1,298	2,462	5,401	11,966	33,988	(3)	1,990	10,581	2,443
	Indiana.....	42	8	979	4,154	748	1,368	2,671	6,981	16,680	(3)	1,107	6,629	1,193
	Illinois.....	194	40	3,590	17,969	2,716	5,118	12,212	25,545	57,184	618	4,557	27,631	3,363
	Michigan.....	125	25	1,999	9,676	1,471	2,737	6,406	13,887	38,155	603	2,059	12,458	1,867
	Wisconsin.....	123	42	5,460	22,216	4,655	9,406	17,113	32,280	78,271	1,076	6,997	37,401	3,313
	West North Central	226	59	8,075	37,309	6,323	12,502	26,363	61,533	139,928	1,830	9,847	53,516	8,740
	Minnesota.....	72	21	2,707	13,930	2,082	3,977	9,539	28,082	62,328	572	2,941	20,729	2,548
	Iowa.....	36	12	3,642	15,810	2,962	5,958	11,657	23,579	50,782	944	4,540	21,990	3,628
	Missouri.....	59	12	862	3,714	595	1,160	2,388	4,847	12,304	(3)	1,235	5,669	1,420
	South Atlantic....	364	91	6,710	22,952	5,449	10,974	16,772	31,792	93,510	1,261	7,113	28,935	5,718
	Maryland.....	36	15	894	3,688	674	1,448	2,448	5,310	13,804	(3)	(4)	(4)	(4)
	Virginia.....	30	14	1,362	4,701	1,088	2,119	3,197	6,248	18,326	(3)	1,236	4,171	1,123
	Florida.....	133	24	1,634	5,841	1,345	2,533	4,519	8,323	23,892	(3)	1,540	7,637	1,121
	East South Central	142	36	3,491	12,152	2,833	5,575	8,522	18,898	51,989	618	4,053	20,629	2,689
	Alabama.....	53	11	972	3,123	794	1,614	2,217	5,486	15,936	(3)	1,022	6,549	572
	Mississippi.....	22	6	1,055	3,170	919	1,820	2,537	4,925	12,561	(3)	1,173	5,256	508
	West South Central	278	60	4,965	17,986	4,084	8,107	13,338	29,194	82,080	1,948	4,865	23,307	4,479
	Louisiana.....	46	12	985	3,566	718	1,417	2,233	4,983	14,404	(3)	928	4,603	965
	Texas.....	178	37	3,289	11,890	2,844	5,718	9,470	20,627	58,009	1,539	3,240	15,551	2,393
	Mountain.....	137	22	2,184	9,713	1,928	3,726	7,961	15,684	42,207	781	2,195	13,117	1,935
	Montana.....	17	2	415	1,838	374	724	1,540	3,199	6,880	(3)	(4)	(4)	(4)
	New Mexico.....	19	3	336	1,342	312	588	1,196	4,016	6,551	(3)	313	2,118	197
	Nevada.....	7	3	302	1,328	273	477	1,167	1,772	6,554	(D)	(4)	(4)	(4)
	Pacific.....	615	159	12,260	57,725	10,507	20,010	46,753	91,312	233,875	3,256	13,017	79,489	13,860
	Washington.....	101	26	2,540	11,257	2,261	4,320	9,419	15,983	44,099	(3)	3,496	17,341	5,462
	Oregon.....	80	35	2,685	11,762	2,358	4,480	9,978	20,962	53,896	717	2,077	14,385	2,050
	California.....	434	98	7,035	34,706	5,888	11,210	27,356	54,367	135,880	2,159	7,443	47,762	6,348

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2431, Millwork Plants: New England—Maine, 26 (100-249); New Hampshire, 20 (500-999); Vermont, 8 (20-99); West North Central—North Dakota, 4 (20-99); South Dakota, 12 (100-249); Nebraska, 16 (250-499); Kansas, 27 (250-499); South Atlantic—Delaware, 4 (20-99); District of Columbia, 5 (100-249); West Virginia, 6 (20-99); North Carolina, 79 (1,000-2,499); South Carolina, 26 (250-499); Georgia, 45 (500-999); East South Central—Kentucky, 19 (500-999); Tennessee, 48 (500-999); West South Central—Arkansas, 20 (250-499); Oklahoma, 34 (250-499); Mountain—Idaho, 13 (20-99); Wyoming, 4 (1-19); Colorado, 27 (250-499); Arizona, 26 (250-499); Utah, 24 (100-249).

<sup>2</sup>See footnote 9 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>3</sup>Less than \$500 thousand.<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

**MANUFACTURES-INDUSTRY STATISTICS**  
**Table 3.-Detailed Statistics for the United States: 1958**

Item	Millwork plants (SIC 2431)	Veneer and plywood plants (SIC 2432)	Prefabricated wood products (SIC 2433)
Primary product specialization ratio <sup>1</sup> .....	92	92	98
Coverage ratio <sup>2</sup> .....	92	95	98
Number of establishments, total.....	3,163	588	374
With 1-19 employees.....	2,450	138	224
With 20-99 employees.....	607	273	119
With 100 employees or more.....	106	177	31
Proprietors and working partners.....Number.....	2,348	176	137
All employees:			
Number (average for the year).....	61,962	59,346	13,550
Payroll.....\$1,000.....	267,997	240,821	61,984
Production workers:			
Number (average for the year).....	50,309	54,092	9,942
March.....	47,034	51,467	7,606
May.....	49,169	51,958	9,565
August.....	52,766	54,051	11,455
November.....	52,936	55,804	11,228
Man-hours.....1,000.....	98,542	108,437	19,303
January-March.....do.....	22,319	25,434	3,361
April-June.....do.....	24,159	26,294	4,759
July-September.....do.....	25,944	27,400	5,745
October-December.....do.....	26,120	29,309	5,438
Wages.....\$1,000.....	196,922	207,645	38,294
Cost of materials, etc., total.....do.....	639,290	503,545	201,436
Materials, parts, containers, and supplies consumed.....do.....	526,412	469,683	177,178
Cost of resales.....do.....	101,205	11,810	18,215
Fuels consumed.....do.....	2,386	4,728	486
Electricity purchased.....do.....	5,582	6,768	852
Contract work.....do.....	3,705	10,556	4,705
Value of shipments (including resales), total.....do.....	1,049,571	884,111	322,279
Value of resales.....do.....	127,183	12,847	21,707
Value added by manufacture, adjusted.....do.....	412,548	390,131	122,344
Manufacturers' inventories:			
Beginning of year, total.....do.....	168,556	103,428	33,374
Finished products.....do.....	45,922	33,414	2,807
Work-in-process.....do.....	38,219	14,458	5,475
Materials, supplies, fuel, etc.....do.....	84,415	55,556	25,092
End of year, total.....do.....	171,694	112,499	42,050
Finished products.....do.....	48,029	37,794	3,097
Work-in-process.....do.....	38,379	19,643	6,686
Materials, supplies, fuel, etc.....do.....	85,286	55,062	32,267
Expenditures for plant and equipment, total.....do.....	18,082	28,419	4,921
New, total.....do.....	16,498	25,376	4,418
New structures and additions to plant.....do.....	6,421	5,519	1,795
New machinery and equipment.....do.....	10,077	19,857	2,623
Used plant and equipment.....do.....	1,584	3,043	503

Note: Detailed figures may not add to totals because of independent rounding. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2431	Millwork plants:											
	Number of establishments.....	3,163	1,417	582	451	435	172	77	22	7	...	...
	All employees:											
	Number.....	61,962	2,815	3,872	6,258	13,495	11,714	11,331	7,728	4,749	...	...
	Payroll.....\$1,000..	267,997	11,363	16,422	27,729	59,955	51,258	48,140	30,957	22,173	...	...
	Value added, adjusted..do....	412,548	21,342	26,719	41,220	88,874	77,647	72,027	43,695	41,024	...	...
	Value of shipments.....do....	1,049,571	54,624	63,078	100,566	233,013	208,831	190,463	105,874	93,122	...	...
	Capital expend., new...do....	16,498	2,543	1,787	2,002	3,001	2,614	1,996	1,013	1,542	...	...
2432	Veneer and plywood plants:											
	Number of establishments.....	588	45	41	52	120	153	121	43	12	1	...
	All employees:											
	Number.....	59,346	84	283	722	4,094	11,048	19,556	14,568	8,991	(D)	...
	Payroll.....\$1,000..	240,821	279	819	2,370	12,644	38,447	79,988	66,762	39,512	(D)	...
	Value added, adjusted..do....	390,131	575	3,549	3,500	20,876	64,021	133,325	103,157	61,128	(D)	...
	Value of shipments.....do....	884,111	1,484	6,896	9,816	52,699	148,611	316,148	223,189	125,268	(D)	...
	Capital expend., new...do....	25,376	(1)	1,045	(1)	1,621	3,266	12,666	4,436	1,820	(D)	...
2433	Prefabricated wood products:											
	Number of establishments.....	374	85	52	87	86	33	25	4	1	1	...
	All employees:											
	Number.....	13,550	200	347	1,186	2,773	2,333	3,621	3,090	(D)	(D)	...
	Payroll.....\$1,000..	61,984	777	1,252	4,577	12,531	10,918	15,982	15,947	(D)	(D)	...
	Value added, adjusted..do....	122,344	1,380	3,330	7,865	21,503	21,753	32,120	34,393	(D)	(D)	...
	Value of shipments.....do....	322,279	4,409	7,605	23,568	58,876	51,948	88,990	86,883	(D)	(D)	...
	Capital expend., new...do....	4,418	(1)	(1)	575	1,084	(1)	707	1,206	(D)	(D)	...

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
Col. B Col. B+C (percent)	Col. G Col. F (percent)									
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(E)	(F)	(G)	(H)	(I)		
(A)	(B)	(C)	(D)							
2431	Millwork plants.....1958..	1,049,571	837,621	74,144	137,806	92	912,794	837,621	75,173	92
2432	Veneer and plywood plants.....1958..	884,111	794,537	67,514	22,060	92	835,984	794,537	41,447	95
	1954..	654,541	587,632	42,522	24,387	93	628,865	587,632	41,233	93
2433	Prefabricated wood products....1958..	322,279	287,314	7,372	27,593	98	294,427	287,314	7,113	98
	1954..	245,457	217,008	2,555	25,894	99	227,298	217,008	10,290	99

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Millwork plants (SIC 2431)	Veneer and plywood plants (SIC 2432)	Prefabricated wood products (SIC 2433)	Other industries	All industries
	Total shipments and receipts of the industry.....	1,049,571	884,111	322,279	xxx	xxx
243--	Millwork, veneer, plywood, and prefabricated structural wood products.....	845,639	811,421	288,525	97,620	2,043,205
24311	Window units, wood.....	104,253	(D)	(D)	303	104,618
24312	Wood window sash including combination screen and storm sash, excluding window screens and window units.....	52,183	(D)	(D)	2,154	54,474
24313	Window and door frames.....	61,356	(D)	(D)	18,086	69,516
24314	Doors, wood (panel and flush type) including doors shipped in door units.....	181,844	13,397	251	2,206	197,698
24315	Other wood doors, including garage, screen, storm and combination screen and storm, toilet and louvre.....	82,562	(D)	(D)	24,880	88,215
24316	Finished wood mouldings, (including window and door trim).....	118,238	(D)	(D)	27,611	148,084
24317	Cabinet work, to be built in.....	72,330	(D)	(D)	4,320	76,746
24318	Other millwork products, including screens.....	45,293	(D)	(D)	2,935	49,279
24310	Millwork products, nsk.....	119,562	...	(D)	(D)	124,164
24321	Hardwood plywood.....	4,565	172,072	...	55,946	182,583
24322	Softwood plywood, interior type.....	108	305,025	...	15,633	320,766
24323	Softwood plywood, exterior type.....	(D)	126,347	...	(D)	126,712
24324	Nonwood face plywood and other plywood type products, except particle board....	1,211	24,357	...	1,799	27,367
24325	Hardwood veneer.....	294	84,882	...	3,654	88,830
24326	Softwood veneer.....	(D)	74,044	...	(D)	81,755
24320	Veneer and plywood, nsk.....	...	7,810	...	161	7,971
24331	Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for prefabricated buildings.....	1,329	...	99,334	4,611	105,274
24332	Prefabricated buildings, wood.....	(D)	(D)	178,241	846	179,280
24330	Prefabricated wooden buildings and structural members, nsk.....	(D)	...	9,739	(D)	9,873
	Other products.....	66,126	50,630	6,161	xxx	xxx
24110	Logs and bolts, pulpwood.....	(D)	4,598	(D)	xxx	xxx
24211	Rough lumber and sawed ties.....	(D)	7,967	(D)	xxx	xxx
24212	Dressed lumber.....	7,540	19,488	1,938	xxx	xxx
2426-	Hardwood dimension and flooring.....	1,722	2,409	(D)	xxx	xxx
2429-	Special product sawmills, nec.....	...	(D)	...	xxx	xxx
2441-	Nailed wooden boxes and shooks.....	3,133	(D)	(D)	xxx	xxx
2499-	Wood products, nec.....	3,296	2,574	66	xxx	xxx
2511-	Wood household furniture, not upholstered.....	7,17,680	2,201	420	xxx	xxx
	Other secondary products.....	32,130	7,882	3,485	xxx	xxx
	Miscellaneous receipts.....	137,806	22,060	27,593	xxx	xxx
99000	Contract and commission work.....	4,190	2,911	329	xxx	xxx
99980	Repair work.....	5,994	6,302	5,244	xxx	xxx
	Other.....	439	...	313	xxx	xxx
99989	Resales of products manufactured by others.....	127,183	12,847	21,707	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes \$6 million produced in Industry 2421, Sawmills and Planing Mills.

<sup>2</sup>Includes \$5 million produced in Industry 3079, Plastic Products, NEC, and Industry 3442, Metal Doors, Sash and Trim.

<sup>3</sup>Includes \$20 million produced in Industry 2421, Sawmills and Planing Mills.

<sup>4</sup>Includes \$5 million produced in Industry 2511, Wood Household Furniture, Not Upholstered.

<sup>5</sup>Includes \$12 million produced in Industry 2421, Sawmills and Planing Mills, and between \$1 million and \$5 million produced in Industry 2499, Wood Products, NEC.

<sup>6</sup>Includes \$3 million produced in Industry 2421, Sawmills and Planing Mills.

<sup>7</sup>Largely product class 25114, Wood kitchen cabinets.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2431--	Millwork, total.....	.....	xxx	912,794	xxx	1850,854
24311--	Window units, wood.....	.....	xxx	104,618	}	(NA) 89,524
2431133	Conventional double-hung.....	1,000.....	2,922	38,540		
2431135	All other (including awning and casement).....	do.....	3,827	64,043		
2431100	Window units, wood, nsk.....	.....	xxx	2,035		
24312--	Wood window sash, including combination screen and storm sash-excluding window screens and window units (sash, wood, other than storm sash (double-hung window counted as two sash; includes cellar and barn sash.) Sash shipped in window units are reported under window units).....	.....	xxx	54,474	xxx	64,825
2431211	Knock-down: Quantity reported.....	1,000.....	} 4,527	8,529	{ 4,740 xxx	5,817 1,953
	Quantity not reported.....	.....				
2431213	Open: Quantity reported.....	1,000.....	} 5,313	9,771	{ 7,479 xxx	12,713 4,271
	Quantity not reported.....	.....				
2431215	Glazed: Quantity reported.....	1,000.....	} 6,767	24,007	6,972 xxx	21,715 5,309
	Quantity not reported.....	.....				
2431251	Combination, screen and storm sash, wood: Quantity reported.....	1,000.....	168	1,168	478	3,654
	Quantity not reported.....	.....	xxx	223	xxx	1,658
2431271	Storm sash, wood: Quantity reported.....	1,000.....	} 1,168	3,497	{ 1,961 xxx	6,414 1,321
	Quantity not reported.....	.....				
2431200	Wood window sash, including combination screen and storm sash-excluding window screens and window units, nsk.....	.....	xxx	4,312	xxx	(2)
2431311	Wood window and door frames (including cellar and barn window and door frames, and door frames shipped in door units. Excludes window frames shipped in window units): Quantity reported.....	1,000.....	} (NA)	69,516	{ 9,933 xxx	57,094 19,235
	Quantity not reported.....	.....				
24314--	Doors, wood (general construction) including doors shipped in door units... General construction, interior and exterior (including those with glazed section): Panel type (include french doors): Douglas-fir.....	1,000.....	} xxx	197,698	(NA)	182,660
2431413	Western pines.....	do.....				
2431419	Other species.....	do.....				
	Flush type: Hollow core: Softwood faces.....	1,000.....	} 4,118	25,844	1,834	12,790
2431431	Hardwood faces.....	do.....				
2431439	Softwood and nonwood faces.....	do.....				
	Solid core: Hardwood faces.....	do.....	} 1,385	25,984	1,384	26,330
2431449	Softwood and nonwood faces.....	do.....				
2431400	Wood doors, general construction, nsk.....	.....	xxx	14,603	xxx	(2)
24315--	Other wood doors, including garage, screen, storm, and combination screen and storm, toilet and louvre.....	.....	xxx	88,215	xxx	86,926
2431551	Combination screen and storm doors, wood.....	1,000.....	601	6,378	1,389	15,378
2431561	Garage doors, wood.....	1,000 open-ings.....	907	48,585	761	40,039
2431571	Screen doors, wood.....	1,000.....	1,697	9,152	2,280	11,659
2431598	Other wood doors (including storm, summer or louvre, cabinet, toilet, grain etc.....	.....	xxx	24,100	(NA)	19,850
24316--	Finished wood mouldings, (including window and door trim; excluding picture frames).....	.....	xxx	148,084	(NA)	131,766
2431611	Softwood: Quantity reported.....	1,000 bd. ft.	} 466,853	108,701	{ 383,928 (NA)	91,759 21,612
	Quantity not reported.....	1 br. cons...				
2431651	Hardwood: Quantity reported.....	1,000 bd. ft.	} 98,157	20,883	(NA)	18,395
	Quantity not reported.....	1 br. cons...				
2431600	Finished wood mouldings, nsk.....	.....	xxx	15,101	xxx	(2)
2431711	Cabinetwork, to be built in (such as panels, drawers, etc, to be built into kitchen cabinets, base units, broom closets, medicine cabinets, vegetable bins, mantels, china cases, etc.).....	.....	xxx	76,746	xxx	84,856

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2431—	Millwork—Continued					
24318—	Other millwork products, including window screens.....		xxx	49,279	xxx	76,827
	Stairwork, (include treads, risers, balusters, brackets, crooks, newels, rails, etc.):					
2431821	Softwood.....		xxx	5,943	(NA)	3,212
2431825	Hardwood.....		xxx	6,535	(NA)	6,491
2431831	Exterior millwork (include porch columns, porch rails, and newels, trellises, etc.).....		xxx	5,727	xxx	67,124
2431851	Exterior entrances.....	1,000.....	(NA)	2,185		
2431871	Window screens, wood framed.....	do.....	(NA)	4,173		
2431800	Other millwork products, including window screens, nsk.....		xxx	24,716		
2431000	Millwork products, nsk.....		xxx	124,164	xxx	57,141
2432—	Veneer and plywood, total <sup>5</sup> .....		xxx	6835,984	xxx	7628,865
24321	Hardwood plywood.....		xxx	182,583	xxx	145,693
	Veneer core (excluding container and packaging type):					
2432111	Technical type and type I, waterproof.....	1,000 sq. ft. surf. meas...				
	Type II, moisture resistant.....	do.....	30,669	8,489	49,073	8,416
2432115	Type III, dry bond.....	do.....	766,315	132,147	649,827	102,145
2432117		do.....	77,459	11,315	45,352	5,627
2432132	Lumber core, (excluding container and packaging type).....	do.....	43,182	21,562	65,834	23,953
2432134	Particle board core (excluding container and packaging type).....	do.....	26,636	3,734	xxx	( <sup>8</sup> )
2432151	Container and packaging type.....	do.....	50,935	3,288	102,301	5,552
2432100	Hardwood plywood, nsk.....		xxx	2,048	xxx	( <sup>8</sup> )
24322—	Softwood plywood interior type.....		xxx	320,766	xxx	247,841
2432211	Douglas fir.....	1,000 sq. ft. 3/8" basis...				
	Other softwood.....	do.....	4,577,815	304,336	2,966,319	235,062
2432298	Softwood plywood, interior type, nsk.....		163,067	14,195	104,741	12,779
2432200			xxx	2,235	xxx	( <sup>8</sup> )
24323—	Softwood plywood, exterior type.....		xxx	126,712	xxx	87,266
2432311	Douglas fir.....	1,000 sq. ft. 3/8" basis...				
	Other softwood.....	do.....	1,466,598	122,797	892,273	85,715
2432300	Softwood plywood, exterior type, nsk.....		47,860	3,713	11,044	91,551
			xxx	202	xxx	( <sup>8</sup> )
24324—	Nonwood face plywood and other plywood type products, except particle board. Nonwood face plywood, two ply veneer and single ply veneer, backed and/or faced, and other plywood-type products, such as laminated panels, and blocks of wood veneer:		xxx	27,367	xxx	107,434
2432415	Hardwood base.....	1,000 sq. ft. surf. meas...				
			105,488	14,794	3,524	2,333
2432451	Softwood base:					
	Quantity reported.....	1,000 sq. ft. surf. meas...				
	Quantity not reported.....		61,672	6,365	13,093	3,353
			xxx	1,204		
2432498	Nonwood face plywood and other plywood type products, except particle board, nec.....		xxx	2,552	xxx	1,748
2432499	Nonwood face plywood, and other plywood type products, except particle board, nsk.....		xxx	2,452	xxx	( <sup>8</sup> )
2432400			xxx	88,830	xxx	79,769
24325	Hardwood veneer.....		xxx			
2432511	Special and face types.....	1,000 sq. ft. surf. meas...				
	Commercial and utility types.....	do.....	1,185,380	45,560	1,237,476	39,966
2432531	Container type.....	do.....	1,412,904	30,640	1,342,916	25,646
2432551	Flat type.....	do.....	798,463	8,480	1,021,389	11,531
2432571	Hardwood veneer, nsk.....		16,051	1,084	26,948	603
2432500			xxx	3,066	(NA)	2,023
24326	Softwood veneer.....		xxx	81,755	xxx	40,913
2432611	Plywood veneer.....	1,000 sq. ft. ft. 1" basis.				
	Container veneer.....	do.....	876,508	79,246	378,685	35,616
2432631			35,201	2,509	55,343	5,297
2432000	Veneer and plywood, nsk.....		xxx	7,971	xxx	19,949
2433—	Prefabricated wood products, total <sup>11</sup> .....		xxx	294,427	xxx	227,298
24331	Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for fabricated buildings.....		xxx	105,274	xxx	53,210

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2433--	Prefabricated wood products--Continued					
24331--	Fabricated structural framing and wood laminates--Continued					
	Fabricated structural elements and framing for bridges, buildings and other structures, including marine laminates:					
2433121	Of glued laminated lumber:					
	Quantity reported.....	1,000 sq. ft.				
	Quantity not reported.....	lbr. cons...	47,845	13,197		
			xxx	2,703		
2433123	Of sawn lumber:					
	Quantity reported.....	1,000 bd. ft.				
	Quantity not reported.....	lbr. cons...	54,732	4,664		
			xxx	1,093		
2433129	Of a combination of glued laminated and sawn lumber:					
	Quantity reported.....	1,000 bd. ft.				
	Quantity not reported.....	lbr. cons...	84,121	17,394		
			xxx	4,458		
	Ready-cut wood buildings sold as complete units:					
2433141	Dwellings.....	Number.....	11,631	48,179	5,212	16,062
2433161	Other (including garages, farm buildings, etc.).....	...do.....	2,591	1,727	2,412	1,227
2433171	Parts, sections and panels for prefabricated and ready-cut buildings, all types, not sold as complete units.....	...do.....	(NA)	2,805	33,790	3,601
2433100	Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for fabricated buildings, nsk.....		xxx	9,054	xxx	(12)
24332--	Prefabricated buildings, wood.....		xxx	179,280	xxx	174,088
	Prefabricated wooden buildings, including portable types, sold as complete units (including those shipped in sections or panels):					
2433211	Dwellings <sup>11</sup> .....	Number.....	56,595	168,715	57,711	164,276
2433298	Other (including garages, farm buildings, etc.).....	...do.....	(NA)	7,810	18,597	9,812
2433200	Prefabricated wooden buildings, nsk.....		xxx	2,755	xxx	...
2433000	Prefabricated wood products, nsk.....		xxx	9,873	xxx	...

NA Not available.

<sup>1</sup>Represents the 1954 value of those products now classified in Industry 2431, Millwork Plants.<sup>2</sup>Included in "Millwork products, nsk", product code 2431000.<sup>3</sup>Includes "nonwood faces" only.<sup>4</sup>In 1954 this product was in Industry 2561, Window and Door Screens, product code 2561011.<sup>5</sup>Does not include the value of production of plywood made in consuming plants, e.g. those primarily engaged in the manufacture of doors, boxes and furniture.<sup>6</sup>This figures includes an undetermined amount of duplication since veneer purchased by plywood manufactures and consumed in the production of plywood, is shown in product class 24325, Hardwood Veneer and 24326, Softwood Veneer; and the reported values of plywood shipped include the value of veneer consumed.<sup>7</sup>Represents the 1954 value of products that are now classified in Industry 2432, Veneer and Plywood Plants.<sup>8</sup>Included in "Other plywood type products," product code 2432498, in 1954.<sup>9</sup>Revised.<sup>10</sup>This value is not directly comparable to the value reported in 1958 because \$16,491,000 reported in 1954 as "Other plywood type products," product code 2432498, is included in "Veneer and Plywood, nsk."<sup>11</sup>Does not include the shipments of establishments primarily engaged in the installation or sale of prefabricated dwellings or sections thereof; accordingly prefabricated dwellings or sections shipped by building contractors, erector-dealers and distributors of lumber millwork and other building materials are excluded from these totals.<sup>12</sup>Included with "Other prefabricated buildings," product code 2433298.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Window units, wood (24311):</u>		<u>Wood window sash, including combination screen and storm sash, excluding window screens and window units (24312)--Continued</u>	1958 <sup>1</sup>	<u>Doors, wood (general construction) including doors shipped in door units (24314)--Continued</u>	1958 <sup>1</sup>
United States, total:					
1958.....	104,618				
1954.....	89,524				
	1958 <sup>1</sup>				
New England.....	2,705	Pacific.....	6,958	West North Central.....	11,190
Massachusetts.....	1,668	Washington.....	2,555	Minnesota.....	2,747
Middle Atlantic.....	13,395	California.....	3,405	Iowa.....	7,268
New York.....	4,755			South Atlantic.....	14,509
New Jersey.....	6,241	<u>Window and door frames, wood (24313):</u>	Value of shipments	Maryland.....	1,173
Pennsylvania.....	2,399	United States, total:		Virginia.....	1,091
East North Central.....	22,201	1958.....	69,516	North Carolina.....	7,264
Ohio.....	10,299	1954.....	76,329	Florida.....	3,779
Illinois.....	5,008		1958 <sup>1</sup> 1954	East South Central.....	19,214
Michigan.....	2,303	New England.....	2,270 2,057	Alabama.....	5,391
Wisconsin.....	4,533	Middle Atlantic.....	4,247 5,879	West South Central.....	15,664
West North Central.....	51,081	New York.....	2,669 4,071	Arkansas.....	5,091
Minnesota.....	34,982	Pennsylvania.....	1,060 1,132	Texas.....	9,630
Iowa.....	11,963	East North Central.....	10,910 16,348	Mountain.....	2,419
Missouri.....	2,104	Illinois.....	3,904 5,359	Pacific.....	59,787
South Atlantic.....	6,365	Wisconsin.....	5,343 8,750	Washington.....	22,273
Virginia.....	3,622	West North Central.....	7,763 7,074	Oregon.....	15,721
East South Central.....	2,987	Minnesota.....	1,545 1,555	California.....	21,793
Alabama.....	2,042	Iowa.....	5,151 3,633		
West South Central.....	2,469	South Atlantic.....	5,039 5,560	<u>Other wood doors, including garage, screen, storm, and combination screen and storm, toilet, and louver (24315):</u>	
Texas.....	1,782	Florida.....	2,502 1,596	United States, total.....	88,215
Mountain.....	2,008	East South Central.....	2,113 1,803	New England.....	2,955
Pacific.....	2,448	West South Central.....	6,910 6,923	New Hampshire.....	2,259
California.....	1,430	Arkansas.....	1,272 (3)	Middle Atlantic.....	17,693
		Texas.....	4,729 4,804	Pennsylvania.....	7,755
		Mountain.....	3,544 4,025	East North Central.....	28,009
		Montana.....	2,153 (2)		
<u>Wood window sash, including combination screen and storm sash, excluding window screens and window units (24312):</u>	Value of shipments	Pacific.....	26,720 26,650	Ohio.....	2,739
United States, total.....	54,474	Washington.....	8,195 9,887	Illinois.....	9,333
New England.....	3,498	Oregon.....	7,547 3,846	Wisconsin.....	8,673
Middle Atlantic.....	3,667	California.....	10,978 12,916		
New York.....	2,853		Value of shipments	West North Central.....	8,660
East North Central.....	15,063	<u>Doors, wood (general construction) including doors shipped in door units (24314):</u>	1958 <sup>1</sup>	Iowa.....	6,541
Illinois.....	2,968	United States, total.....	197,698	South Atlantic.....	6,518
Michigan.....	1,295	New England.....	4,000	East South Central.....	2,526
Wisconsin.....	10,006	New Hampshire.....	1,578		
West North Central.....	11,620	Middle Atlantic.....	16,342	West South Central.....	10,788
Minnesota.....	2,483	New York.....	5,279		
Iowa.....	8,088	New Jersey.....	2,732	Oklahoma.....	1,021
South Atlantic.....	2,589	Pennsylvania.....	8,331	Texas.....	9,102
East South Central.....	2,396	East North Central.....	54,573		
West South Central.....	5,625	Ohio.....	3,077	Pacific.....	10,801
Texas.....	3,858	Indiana.....	2,326	Washington.....	3,139
Mountain.....	2,017	Illinois.....	2,185	Oregon.....	3,735
		Michigan.....	16,391	California.....	3,927
		Wisconsin.....	30,594		

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Finished wood mouldings</u> (including window and door trim, excluding picture frames) (24310):			<u>Cabinetwork, to be built-in</u> (24317)--Continued	1958 <sup>1</sup>		<u>Softwood plywood, interior</u> type (24322)--Continued		
United States, total:			East North Central.....	12,832		United States, total--Continued		
1958.....	148,084		Ohio.....	1,754		1955.....	311,914	
1957.....	127,757		Indiana.....	1,014		1954.....	247,841	
1956.....	148,163		Illinois.....	4,305		1947.....	78,334	
1955.....	153,885		Michigan.....	3,299			1958 <sup>1</sup>	1954
1954.....	131,766		Wisconsin.....	2,460		Pacific.....	317,115	244,572
1947.....	69,870		South Atlantic.....	7,550		Washington.....	62,109	80,051
	1958 <sup>1</sup>	1954	Maryland.....	1,125		Oregon.....	206,632	127,707
New England.....	3,291	3,495	Virginia.....	1,628		California.....	48,374	37,813
Massachusetts.....	1,172	1,341	North Carolina.....	1,701		<u>Softwood plywood, exterior</u> type (24323):	Value of shipments	
Middle Atlantic.....	9,575	9,682	Florida.....	2,324		United States, total:		
New York.....	5,826	6,604	West South Central.....	4,750		1958.....	126,712	
New Jersey.....	1,186	1,164	Texas.....	3,192		1957.....	89,457	
Pennsylvania.....	2,563	1,414	Mountain.....	3,160		1956.....	106,333	
East North Central.....	14,645	15,142	Colorado.....	1,168		1955.....	118,674	
Ohio.....	1,076	1,489	Arizona.....	1,187		1954.....	87,266	
Indiana.....	1,319	(3)	Pacific.....	23,085		1953.....	65,593	
Illinois.....	5,506	7,369	Washington.....	2,366		1952.....	61,881	
Michigan.....	1,956	1,574	California.....	19,892		1951.....	71,450	
Wisconsin.....	4,788	4,018				1950.....	58,401	
West North Central.....	7,069	5,765				1949.....	44,705	
Minnesota.....	2,767	1,898				1947.....	51,792	
Iowa.....	1,600	1,824					1958 <sup>1</sup>	1954
Missouri.....	1,344	(2)	<u>Hardwood plywood (24321):</u>	Value of shipments		Pacific.....	126,633	87,266
United States, total:			United States, total:			Washington.....	40,042	33,897
1958.....	1,600		1958.....	182,583		Oregon.....	72,682	45,063
1957.....	1,344		1957.....	178,507		California.....	13,909	8,306
1956.....	9,536	7,208	1956.....	195,024				
1955.....			1955.....	192,564		<u>Hardwood veneer (24325):</u>	Value of shipments	
1954.....			1954.....	145,693		United States, total:		
1947.....			1947.....	123,327		1958.....	88,830	
						1957.....	93,606	
Northeast.....	22,778	22,921				1956.....	99,125	
Vermont.....	6,698	8,150				1955.....	91,307	
New York.....	3,682	(2)				1954.....	79,769	
North Central.....	42,784	36,411				1947.....	63,210	
Indiana.....	14,274	10,199					1958 <sup>1</sup>	1954
Wisconsin.....	24,967	21,204				New England.....	2,115	2,620
South Atlantic.....	59,570	49,776				Middle Atlantic.....	4,457	2,976
Virginia.....	4,597	3,702				New York.....	3,216	1,982
North Carolina.....	21,485	18,316				East North Central.....	31,225	24,754
South Carolina.....	17,103	13,414				Indiana.....	18,960	13,622
Georgia.....	12,396	11,124				Michigan.....	2,673	(2)
Florida.....	3,320	2,252				Wisconsin.....	6,413	6,347
East South Central.....	16,420	14,126				West North Central.....	1,442	(2)
Tennessee.....	6,274	6,395				South Atlantic.....	32,392	29,324
Alabama.....	4,678	3,835				Virginia.....	6,596	6,213
Mississippi.....	5,468	3,895				West Virginia.....	2,019	(2)
West South Central.....	4,204	4,809				North Carolina.....	13,510	12,723
Arkansas.....	2,945	2,685				South Carolina.....	2,789	3,596
Pacific.....	36,817	17,603				Georgia.....	4,871	3,825
Washington.....	21,616	9,834				Florida.....	1,513	1,871
Oregon.....	10,764	6,208				East South Central.....	11,067	14,394
California.....	4,437	1,561				Kentucky.....	2,986	4,594
<u>Softwood plywood, interior</u> type (24322):	Value of shipments					Tennessee.....	1,345	1,906
United States, total:						Alabama.....	3,988	4,347
1958.....	320,766					Mississippi.....	2,748	3,546
1957.....	245,054					West South Central.....	4,410	4,044
1956.....	255,497					Pacific.....	1,722	(2)
						Washington.....	1,145	(2)
<u>Cabinetwork, to be built-in</u> (24317):	1958 <sup>1</sup>							
United States, total.....	76,746							
New England.....	4,988							
Massachusetts.....	1,922							
Connecticut.....	2,042							
Middle Atlantic.....	10,425							
New York.....	4,824							
New Jersey.....	2,036							
Pennsylvania.....	3,565							

See footnotes at end of table.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Softwood veneer (24326):</u>		<u>Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for prefabricated buildings (24331)--Continued</u>	1958 <sup>1</sup>	<u>Prefabricated buildings, wood (24332)--Continued</u>	
United States, total:				United States, total--Continued	
1958.....	81,755	West North Central.....	11,355	1954.....	174,088
1955.....	54,601	Minnesota.....	8,458	1947.....	72,995
1954.....	41,212				
1947.....	10,150				
	1958 <sup>1</sup>				1958 <sup>1</sup> 1954
Pacific.....	78,322	South Atlantic.....	13,652	New England.....	1,958 1,950
Washington.....	4,866	Florida.....	6,383	Massachusetts.....	1,446 (2)
Oregon.....	53,645	East South Central.....	3,847	Middle Atlantic.....	25,051 27,471
California.....	19,811	Mississippi.....	1,644	New York.....	12,788 13,304
<u>Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for prefabricated buildings (24331):</u>	Value of shipments	West South Central.....	4,197	East North Central.....	95,147 97,813
United States, total:		Texas.....	1,802	Ohio.....	15,164 22,794
1958.....	105,274	Mountain.....	2,125	Indiana.....	56,528 53,695
1954.....	32,320			Illinois.....	12,988 7,740
	1958 <sup>1</sup>	Pacific.....	24,744	West North Central.....	12,878 16,916
Middle Atlantic.....	17,856	California.....	7,773	Minnesota.....	2,167 7,018
New York.....	1,956		Value of shipments	Missouri.....	4,013 4,142
New Jersey.....	5,286	<u>Prefabricated buildings, wood (24332):</u>		South Atlantic.....	15,595 10,313
Pennsylvania.....	10,614	United States, total:		Maryland.....	2,390 (2)
East North Central.....	26,687	1958.....	179,280	East South Central.....	8,328 8,809
Indiana.....	2,096	1957.....	162,362	West South Central.....	11,200 5,405
Illinois.....	1,583	1956.....	173,538	Pacific.....	8,834 5,414
Michigan.....	3,983	1955.....	202,462	Washington.....	4,163 3,471
				California.....	4,163 (3)

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments or each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 24312, New Hampshire, Mississippi, and Montana; 24314, Kentucky, Mississippi, and Arizona; 24315, New York, New Jersey, Indiana, Minnesota, Maryland, Virginia, and Tennessee; 24316, Maine and Idaho; 24321, Pennsylvania, Illinois, Michigan, Minnesota, and Texas; 24322, Idaho; 24325, New Hampshire, Ohio, Illinois, and Maryland; 24331, Ohio, Wisconsin, Iowa, Virginia, Kentucky, Arkansas, Montana, Washington, and Oregon; 24332, New Jersey, Pennsylvania, Michigan, Wisconsin, Iowa, Kansas, North Carolina, Georgia, Alabama, Mississippi, Louisiana, and Texas.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.



Table 6C.—Quantity of Selected Wood Doors Shipped, by Divisions: 1958

(Thousands of doors)

Division	Wood doors, general construction, interior and exterior							
	Panel type			Flush type				
	Douglas fir	Western pine	Other species	Hollow core			Solid core	
				Softwood faces	Hardwood faces	Softwood and nonwood faces	Hardwood faces	Softwood and nonwood faces
United States, total.....	2,726	1,951	123	4,118	13,894	397	1,385	546
Northeast.....	111	143	(1)	296	1,544	(2)	(1)	(1)
New England.....	(1)	(1)	(1)	(1)	201	(1)	(1)	(1)
Middle Atlantic.....	111	(1)	(1)	231	1,343	(2)	(1)	(1)
North Central.....	(1)	1,200	(2)	873	3,205	(2)	811	168
East North Central.....	(1)	883	(1)	856	2,928	(2)	686	(1)
West North Central.....	(1)	317	(1)	(1)	277	(1)	125	162
South.....	(1)	179	(1)	1,794	4,384	(1)	318	(1)
South Atlantic.....	(1)	(1)	(1)	1,470	442	(1)	(1)	(1)
East South Central.....	(1)	(1)	(1)	258	2,097	(1)	247	(1)
West South Central.....	(1)	135	(1)	(1)	1,846	(1)	(1)	(1)
West.....	2,524	429	(1)	1,156	4,763	100	182	370
Mountain.....	(1)	(1)	...	(1)	183	(1)	(1)	(1)
Pacific.....	2,522	429	(1)	1,135	4,580	(1)	(2)	370

<sup>1</sup>Less than 100 thousand doors reported. <sup>2</sup>Shipments of more than 100 thousand doors were reported but exact figures withheld to avoid disclosing figures for individual companies.

Table 6D.—Hardwood Plywood Shipments, by Type, by Division and State: 1958

(Thousand square feet, surface measure, includes market shipments and interplant transfers)

Division and State	Veneer core				Lumber core	Particle board core	Container and packaging type
	Total	Technical type and Type I, waterproof	Type II, moisture resistant	Type III dry bond			
United States, total.....	872,293	30,669	766,315	77,459	43,182	26,636	50,935
Northeast.....	135,566	(D)	131,653	(D)	(D)	368	(D)
Vermont.....	38,109	(D)	35,562	(D)	(D)	(D)	(D)
New York.....	8,209	(D)	7,327	(D)	(D)	(D)	...
North Central.....	134,564	(D)	118,894	(D)	21,932	2,769	(D)
Indiana.....	53,653	(D)	43,012	(D)	5,765	(D)	...
Wisconsin.....	74,367	(D)	69,962	(D)	10,217	(D)	...
South.....	440,172	5,759	390,943	45,620	14,766	(D)	38,665
South Atlantic.....	345,838	3,300	302,547	39,991	11,491	(D)	25,283
Virginia.....	23,588	(D)	(D)	...	2,309	(D)	(D)
North Carolina.....	108,368	(D)	84,498	(D)	7,102	(D)	20,263
South Carolina.....	111,369	(D)	92,678	(D)	(D)	(D)	(D)
Georgia.....	78,240	174	78,066	...	(D)	(D)	(D)
Florida.....	22,997	(D)	(D)	...	(D)	(D)	(D)
East South Central.....	68,676	(D)	65,321	(D)	3,275	(D)	(D)
Tennessee.....	21,579	(D)	17,897	(D)	3,242	(D)	...
Alabama.....	23,899	(D)	25,166	(D)	...	(D)	(D)
Mississippi.....	23,198	(D)	(D)	...	(D)	(D)	(D)
West South Central.....	25,658	(D)	23,075	(D)	...	(D)	(D)
Arkansas.....	14,651	...	(D)	(D)	...	(D)	(D)
Pacific.....	161,991	(D)	124,825	(D)	(D)	(D)	...
Washington.....	95,107	(D)	61,366	(D)	(D)	(D)	...
Oregon.....	60,603	...	(D)	(D)	(D)	(D)	...
California.....	6,281	(D)	(D)	...	(D)	(D)	...

D Withheld to avoid disclosing figures for individual companies.

Table 6E.—Quantity and Value of Prefinished Plywood Including Paneling by Geographic Divisions: 1958

Division	Total value of shipments f.o.b. plant (\$1,000)	Hardwood			Softwood		
		Production (1,000 sq.ft. surf.meas.)	Shipments and interplant transfers		Production (1,000 sq.ft. 3/8" basis)	Shipments and interplant transfers	
			Quantity (1,000 sq.ft. surf.meas.)	Value (\$1,000)		Quantity (1,000 sq.ft. 3/8" basis)	Value (\$1,000)
United States, total.....	26,229	104,471	103,655	22,017	35,863	35,272	<sup>2</sup> 4,212
South.....	10,833	45,050	44,110	10,833	...	...	...

<sup>1</sup>Surface coated and or grooved, textured, striated, sand blasted, etc., included in the various plywood categories in table 6A.<sup>2</sup>More than 95 percent produced in the West.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958		1954		1958		1954		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
	Materials, containers and supplies, total.....		xxx	526,412	xxx	487,963	xxx	177,178	xxx	132,610	
	241115 Logs and bolts.....	1,000 ft. (log scale).	56,029	3,372	xxx	( <sup>2</sup> )	13,329	603	xxx	( <sup>2</sup> )	
	242111 Rough lumber:										
	242115 Hardwood.....	1,000 bd. ft.	144,318	26,947	200,022	26,733	25,357	3,151	10,142	1,034	
	242115 Softwood:										
	Quantity reported.....	...do.....	703,669	87,908	748,071	86,347	84,217	7,117	138,858	12,550	
	Quantity not reported.....	...do.....	xxx	xxx	xxx	xxx	xxx	791			
	242121 Dressed lumber:										
	242125 Hardwood.....	1,000 bd. ft.	76,525	11,905	(NA)	8,200	(NA)	8,000	(NA)	3,349	
	242125 Softwood.....	...do.....	720,870	94,163	870,958	116,404	384,087	41,139	287,346	31,853	
	242213 Hardwood veneer:										
	Quantity reported.....	1,000 sq. ft. surf. meas..	159,637	11,031	360,431	14,941	1,640	240	846	<sup>5</sup> 133	
	Quantity not reported.....	...do.....	xxx	2,932							xxx
	242217 Softwood veneer.....	1,000 bd. ft.	20,215	2,783	32,054	3,906	7,498	357	(NA)	<sup>5</sup> 191	
	243211 Hardwood plywood:										
	243211 Veneer core.....	1,000 sq. ft. surf. meas..	352,564	38,197	253,881	29,341	5,619	950	(NA)	759	
	243213 Lumber core (including particle board core).....	...do.....	(NA)	4,512	20,499	3,735	xxx	xxx	xxx	xxx	
	243215 Softwood plywood:										
	Quantity reported.....	1,000 sq. ft. 3/8" basis..	84,001	13,025	120,203	14,896	124,126	10,874	127,511	15,714	
	Quantity not reported.....	...do.....	xxx	1,946							xxx
335257 Aluminum and aluminum-base alloy mill shapes and forms:											
335259 Sheet, plate and foil.....	1,000 lbs....	(NA)	1,581	6,298	3,810	2,292	859	290	166		
335259 All other mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....	...do.....	(NA)	3,723							1,007	321
970099 All other materials and components, parts, containers and supplies consumed.....		xxx	111,234	xxx	179,650	xxx	74,216	xxx	66,861		
973000 All other materials and components, parts, containers and supplies consumed, nsk.....		xxx	<sup>1</sup> 111,153	xxx	( <sup>2</sup> )	xxx	<sup>1</sup> 27,074	xxx	( <sup>2</sup> )		

Code	Material	Unit of measure	1958		1954		1954	
			Consumption of materials received from other establishments		Consumption of materials produced in this establishment (quantity)	Consumption of materials received from other establishments		Consumption of materials produced in this establishment (quantity)
			Quantity	Delivered cost (\$1,000)		Quantity	Delivered cost (\$1,000)	
	Materials, containers and supplies, total.....		xxx	469,683	xxx	xxx	<sup>3</sup> 319,920	xxx
	081111 Cost of stumpage cut-timber, excluding land value.....		xxx	27,858	xxx	xxx	9,766	xxx
	241115 Logs, bolts, and unsliced flitches.....	1,000 ft. (log scale).....	2,754,571	191,323	428,613	2,132,605	157,292	(NA)
	242113 Hardwood lumber, rough and dressed.....	1,000 bd. ft..	93,913	9,477	11,137	<sup>4</sup> 56,560	5,029	xxx
	242117 Softwood lumber, rough and dressed.....	...do.....	52,784	3,926	10,914	<sup>4</sup> 47,187	3,644	xxx
	242213 Hardwood veneer.....	1,000 sq. ft. surf. meas..	1,410,948	56,124	1,725,014	1,102,044	30,750	(NA)
	242217 Softwood veneer.....	1,000 bd. ft..	966,467	87,961	1,604,016	<sup>4</sup> 377,861	39,787	1,050,023
	242179 Chips, slabs, edgings, shavings, sawdust and other wood wastes.....		xxx	659	xxx	xxx	( <sup>2</sup> )	xxx
	970099 All other materials and components, parts, containers, and supplies consumed.....		xxx	78,927	xxx	xxx	73,652	xxx
	973000 All other materials and components, parts, containers, and supplies consumed, nsk.....		xxx	<sup>1</sup> 13,428	xxx	xxx	xxx	xxx

NA Not available.

<sup>1</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms".

<sup>2</sup>Included with "All other materials and components, parts, containers and supplies consumed."

<sup>3</sup>Represents the total cost of materials consumed by establishments classified in the old Industries 2422, Veneer Mills and 2432, Plywood Plants.

<sup>4</sup>This material was reported consumed only by those establishments classified in the old Industry 2432, Plywood Plants; consumption of this material by establishments classified in the old Industry 2422, Veneer Mills, is included with "All other materials, components, parts, containers and supplies consumed," material code 970099.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2431	MILLWORK PLANTS (entire industry).....	3,163	61,962	267,997	50,309	98,542	196,922	412,548	639,290	1,049,571	16,498
	Establishments with:										
	90% or more specialization.....	2,625	44,692	195,658	36,412	70,733	144,594	311,209	489,902	799,945	12,836
	75-89% specialization.....	158	6,453	25,279	5,359	10,941	18,867	36,308	59,965	95,698	1,338
24311	Window units, wood (primary product class of estab.).....	173	7,724	36,527	5,880	11,661	23,947	64,247	98,116	161,960	1,679
	Establishments with:										
	90% or more specialization....	56	2,269	12,052	1,706	3,352	7,658	25,283	37,645	62,934	521
	75-89% specialization.....	20	450	2,007	354	686	1,195	3,644	5,945	9,344	(1)
24312	Wood window sash including combination screen and storm sash, excluding window screens and window units (primary product class of estab.).....	105	3,741	15,365	2,929	5,916	10,715	19,960	36,480	56,743	826
	Establishments with:										
	90% or more specialization....	21	343	1,480	289	647	1,228	2,310	3,354	5,674	(1)
	75-89% specialization.....	12	258	925	198	369	599	1,460	2,300	3,796	(1)
24313	Window and door frames, wood (primary product class of estab.)..	148	4,650	20,109	4,018	8,349	15,944	30,544	50,326	80,484	1,103
	Establishments with:										
	90% or more specialization....	62	628	2,808	549	1,098	2,334	5,050	6,963	12,006	(1)
	75-89% specialization.....	19	363	1,393	306	531	1,223	2,047	2,815	4,776	(1)
24314	Doors, wood (general construction) incl. doors shipped in door units (primary product class of estab.)..	201	12,380	49,711	10,610	21,125	38,751	78,097	137,129	215,803	2,382
	Establishments with:										
	90% or more specialization....	116	5,122	21,281	4,395	8,563	16,461	38,815	78,163	116,586	1,462
	75-89% specialization.....	16	1,326	4,308	1,247	2,752	3,842	7,433	15,200	22,677	(1)
24315	Other wood doors, including garage, screen, storm, and combination screen and storm, toilet and louver (primary product class of estab.)..	94	4,604	19,934	3,657	7,296	13,627	33,758	43,711	77,696	1,128
	Establishments with:										
	90% or more specialization....	63	2,571	11,131	2,076	4,238	7,863	19,608	25,254	45,150	654
	75-89% specialization.....	10	371	1,608	294	590	1,011	2,293	2,510	4,798	(1)
24316	Finished wood mouldings (including window and door trim; excluding picture frames) (primary product class of estab.).....	584	9,071	38,322	7,484	14,134	29,074	61,305	107,661	166,936	2,435
	Establishments with:										
	90% or more specialization....	379	4,626	18,316	3,957	7,070	14,643	33,108	61,512	92,497	1,443
	75-89% specialization.....	28	339	1,400	289	602	1,130	2,028	3,871	5,871	(1)
24317	Cabinet work, to be built in (primary product class of estab.).....	789	7,575	36,350	6,044	11,643	26,576	50,502	60,157	110,557	2,200
	Establishments with:										
	90% or more specialization....	452	2,522	11,572	2,094	3,858	9,226	17,184	19,609	36,655	962
	75-89% specialization.....	83	660	3,173	541	979	2,339	4,558	5,206	9,823	(1)
24318	Other millwork products, including window screens (primary product class of estab.).....	131	1,936	8,892	1,596	3,225	6,491	12,646	14,515	27,259	(1)
	Establishments with:										
	90% or more specialization....	83	867	4,274	731	1,482	3,243	6,078	5,466	11,694	(1)
	75-89% specialization.....	7	195	833	175	320	611	1,252	1,076	2,321	(1)
2432	VENEER AND PLYWOOD PLANTS (entire industry).....	588	59,346	240,821	54,092	108,437	207,645	390,131	503,545	884,111	25,376
	Establishments with:										
	90% or more specialization.....	501	46,147	185,567	42,373	84,515	161,473	296,200	403,718	696,804	20,432
	75-89% specialization.....	17	2,222	10,940	1,988	3,893	9,316	16,396	20,816	37,380	1,092
24321	Hardwood plywood (primary product class of estab.).....	134	18,801	59,428	16,997	34,582	49,233	88,955	122,827	208,178	2,505
	Establishments with:										
	90% or more specialization....	100	10,546	30,745	9,618	19,556	25,602	45,564	63,632	107,385	1,390
	75-89% specialization.....	10	1,312	4,313	1,242	2,810	3,681	6,429	6,613	12,946	(1)

See footnotes at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
24322	VENEER AND PLYWOOD PLANTS—Continued Softwood plywood, interior type (primary product class of estab.)... Establishments with: 90% or more specialization..... 75-89% specialization.....	100 29 16	22,146 3,349 3,264	111,721 17,401 15,041	20,444 3,076 3,018	40,421 6,120 5,584	99,518 15,476 13,143	173,697 30,187 26,820	230,520 45,045 32,713	403,044 75,007 58,694	12,422 1,901 2,462
24323	Softwood plywood, exterior type (primary product class of estab.)...	13	3,629	18,504	3,395	7,085	16,926	35,654	36,552	66,317	4,293
24324	Nonwood face plywood and other hardwood type products, except particle board (primary product class of estab.)..... Establishments with: 90% or more specialization.....	22 17	1,113 564	4,956 2,599	898 445	1,770 928	3,516 1,680	10,940 6,443	15,271 9,714	25,440 15,465	1,418 1,280
24325	Hardwood veneer (primary product class of estab.)..... Establishments with: 90% or more specialization..... 75-89% specialization.....	173 143 7	8,829 6,730 519	27,220 20,204 1,602	8,008 6,138 450	16,405 12,429 947	21,882 16,334 1,228	42,194 30,970 2,346	46,428 35,275 2,724	89,606 66,570 5,670	1,601 1,234 ( <sup>1</sup> )
24326	Softwood veneer (primary product class of estab.)..... Establishments with: 90% or more specialization..... 75-89% specialization.....	62 49 5	3,607 2,316 318	15,393 9,575 1,390	3,276 2,104 282	6,210 3,946 537	13,491 8,347 1,169	30,918 18,549 3,061	46,629 34,293 3,500	77,716 53,161 6,537	2,513 1,291 ( <sup>1</sup> )
2433	FABRICATED WOOD PRODUCTS (entire industry)..... Establishments with: 90% or more specialization..... 75-89% specialization.....	374 343 18	<sup>r</sup> 13,550 11,955 1,165	<sup>r</sup> 61,984 56,011 4,381	<sup>r</sup> 9,942 8,742 848	<sup>r</sup> 19,303 16,811 1,779	<sup>r</sup> 38,924 34,231 2,950	122,344 112,071 7,875	201,436 183,807 12,959	322,379 294,272 20,871	4,418 4,115 ( <sup>1</sup> )
24331	Fabricated structural framing and wood laminates (primary product class of estab.)..... Establishments with: 90% or more specialization..... 75-89% specialization.....	150 132 10	5,158 4,092 787	22,102 18,412 2,846	3,797 3,021 532	7,546 5,913 1,133	13,994 11,665 1,684	45,348 39,212 4,908	69,350 58,852 7,133	113,468 96,745 12,063	1,282 1,143 ( <sup>1</sup> )
24332	Prefabricated buildings, wood (primary product class of estab.)... Establishments with: 90% or more specialization..... 75-89% specialization.....	172 153 11	7,784 7,065 512	37,561 34,358 2,217	5,657 5,095 414	10,861 9,748 840	22,525 20,186 1,699	73,309 67,487 4,493	125,043 114,601 8,669	198,209 181,991 13,185	2,819 2,605 ( <sup>1</sup> )

<sup>r</sup>Revised.<sup>1</sup>Less than \$500 thousand.



# Wooden Containers and Miscellaneous Wood Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2441—Nailed and Lock Corner Wooden Boxes and Shook
- 2442—Wirebound Boxes and Crates
- 2443—Veneer and Plywood Containers, Except Boxes and Crates
- 2445—Cooperage
- 2491—Wood Preserving
- 2499—Wood Products, N.E.C.

### 2441—Nailed and Lock Corner Wooden Boxes and Shook

This industry comprises establishments primarily engaged in manufacturing nailed and lock corner wooden boxes, and which also may produce shook for nailed and lock corner boxes. For a detailed list of products of Industry 2441 refer to table 6A, product codes 2441111 to 2441259.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A. Table 1A shows that all of the establishments formerly classified in Industry 2443, Cigar Boxes, are now classified in Industry 2441, and more than 90 percent of those formerly classified in Industry 2444, Wooden Boxes, are now in Industry 2441. In addition, fruit and vegetable baskets formerly classified in this industry are now considered primary to Industry 2443, Veneer and Plywood Containers.

Value of shipments and other receipts of the Nailed Wooden Boxes and Shook Industry in 1958 totaled \$236 million. This included shipments of nailed wooden boxes and shook (primary products), valued at \$191 million, shipments of other products (secondary products) valued at \$27 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$18 million.

This industry's shipments of nailed wooden boxes and shook (primary products in 1958 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of dressed lumber, (between \$1 million and \$5 million).

Industry 2441 shipments of nailed wooden boxes and shook (primary products) in 1958 represented 84 percent (coverage ratio) of these products valued at \$227 million shipped by all industries. Another industry shipping nailed wooden boxes and shook (primary products) was Industry 2499, Wood Products, N.E.C., \$4 million.

### 2442—Wirebound Boxes and Crates

This industry comprises establishments primarily engaged in manufacturing wirebound boxes and crates. For

a detailed list of products of Industry 2442, refer to table 6A, product codes 2442011 to 2442071.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A. Table 1A shows that more than 30 percent of the establishments classified in the old Industry 2442, Rattan and Willow Ware, are now classified in the new Industry 2442, Wirebound Boxes and Crates; and essentially all those establishments that did not transfer to the new Industry 2441, Nailed Wooden Boxes and Shook, from the old Industry 2444, Wooden Boxes, are now classified in the new Industry 2442, Wirebound Boxes and Crates. In addition, rattan and willow ware products formerly classified in this industry are now considered primary to Industry 2499, Wood Products, N.E.C.

Value of shipments and other receipts of the Wirebound Boxes and Crates Industry in 1958 totaled \$93 million. This included shipments of wirebound boxes and crates (primary products), valued at \$79 million, shipments of other products (secondary products), valued at \$7 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$7 million.

This industry's shipments of wirebound boxes and crates (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of veneer and plywood containers, except boxes (\$2 million).

Industry 2442 shipments of wirebound boxes and crates (primary products) in 1958 represented 92 percent (coverage ratio) of these products valued at \$86 million shipped by all industries. Another industry shipping wirebound boxes and crates (primary products) was Industry 2441, Nailed Wooden Boxes and Shook, \$4 million.

### 2443—Veneer and Plywood Containers, Except Boxes and Crates

This industry comprises establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables. For a detailed list of products of Industry 2443, refer to table 6A, product codes 2443011 to 2443081.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2443 from code number 2441 in the previous classification system but were only slightly changed as to content. All products formerly classified in Industry 2441, Fruit and Vegetable Baskets, are now classified in Industry 2443, Veneer and Plywood Containers; and product code 2443011, Veneer and plywood containers (pails, drums, tubs, etc.) formerly classified in Industry 2444, Wooden Boxes, are now classified in Industry 2443, Veneer and Plywood Containers.



In addition, cigar boxes formerly classified in this industry are now considered primary to Industry 2441, Nailed Wooden Boxes and Shook.

Value of shipments and other receipts of the Veneer and Plywood Containers Industry in 1958 totaled \$30 million. This included shipments of veneer and plywood containers (primary products), valued at \$27 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$1 million.

This industry's shipments of veneer and plywood containers (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 91 percent.

Industry 2443 shipments of veneer and plywood containers (primary products) in 1958 represented 88 percent (coverage ratio) of these products valued at \$30 million shipped by all industries. In 1954, the coverage was also 88 percent. Another industry shipping veneer and plywood containers (primary products) was Industry 2442, Wirebound Boxes and Crates.

#### 2445--Cooperage

This industry comprises establishments primarily engaged in manufacturing barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets (Industry 2443). Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in Industry 2421, and those manufacturing cooperage stock in Industry 2429. For a detailed list of products of Industry 2445, refer to table 6A, product codes 2445012 to 2445059.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Cooperage Industry in 1958 totaled \$70 million. This included shipments of cooperage (primary products), valued at \$66 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$1 million.

This industry's shipments of cooperage (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 97 percent.

Industry 2445 shipments of cooperage (primary products) in 1958 represented 98 percent (coverage ratio) of these products valued at \$67 million shipped by all industries. In 1954, the coverage ratio was 99 percent.

#### 2491--Wood Preserving

This industry comprises establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products which they may also treat with preservatives, are not included. For a detailed list of products of Industry 2491, refer to table 6A, product codes 2491111 to 2491911.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of establishments classified in the Wood Preserving Industry in 1958 totaled \$203 million. This included shipments of primary products, wood owned and treated by the same establishments and receipts for treating wood owned by others, valued at \$193 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$7 million.

This industry's shipments of primary products in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 97 percent.

Industry 2491 shipments of primary products in 1958 represented 96 percent (coverage ratio) of these products valued at \$201 million shipped by all industries. In 1954, the coverage ratio was 99 percent. Another industry shipping wood owned and treated by the same establishment was Industry 2421, Sawmills and Planing Mills, \$6 million.

#### 2499--Wood Products, N.E.C.

This industry comprises establishments primarily engaged in turning and shaping wood, and manufacturing miscellaneous wood products, n.e.c., such as lasts and related products, cork products, mirror and picture frames and particle board. For a detailed list of products of Industry 2499, refer to table 6A, product codes 2499111 to 2499598.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A. More than 95 percent of the establishments classified in the old Industry 2499, Wood Products, N.E.C., transferred to the new Industry 2499, and most of the products of the old industry were transferred with them. The new Industry 2499 includes the products of the old Industry 2442, Rattan and Willow Ware, and those establishments that did not transfer to the new Industry 2442, Wirebound Boxes and Crates (see table 1A, Industry 2442), from the old Industry 2442, Rattan and Willow Ware, are now classified in the new Industry 2499, Wood Products, N.E.C. The old Industry 2492, Lasts and Related Products, and Industry 2493, Mirror and Picture Frames, transferred in their entirety to the new Industry 2499. Sixty-five percent of the establishments classified in the old Industry 3982, Cork Products, transferred to the new Industry 2499, Wood Products, N.E.C., and all of the products of the old industry, Cork Products, are now classified in the new Industry 2499, Wood Products, N.E.C.

The new Industry 2499 also includes products from several old industries, e.g.: "tanks and vats, wooden, except coopered" formerly classified in Industry 2431, Millwork; particle board, from the old Industry 2432, Plywood Plants; and cork floor and wall covering from the old Industry 2274, Hard Surface Floor Coverings. Table 1A shows that, because of this reclassification, 36 establishments from the old Industry 2431, Millwork, and 2432, Plywood



Plants, and one establishment from Industry 2274, Hard Surface Floor Coverings, included with "all other industries" on table 1A, are now classified in the new Industry 2499, Wood Products, N.E.C. In addition, furniture parts and vehicle stock formerly classified in this industry are now considered primary to Industry 2426, Hardwood Dimension and Flooring.

Because of the significant changes in the composition of Industry 2499, the historical data in tables 1 and 2 of this report include a combination of all the complete old industries now classified in the new Industry 2499, e.g., Industry 2442, Rattan and Willow Ware; 2499, Wood Products, N.E.C.; 2492, Lasts and Related Products; 2493, Mirrors and Picture Frames, and 3982, Cork Products. However, the historical data are not directly comparable to the current (1958) data because general statistics data are not included in the historical series for such product items as "tanks and vats, particle board, and cork floor and wall coverings." But these data do include general statistics for establishments primarily engaged in manufacturing "hardwood dimension and flooring," which are no longer classified in Industry 2499.

Value of shipments and other receipts of the Wood Products, N.E.C., Industry in 1958 totaled \$522 million. This included shipments of wood products, n.e.c. (primary products), valued at \$437 million, shipments of other products (secondary products) valued at \$51 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$34 million.

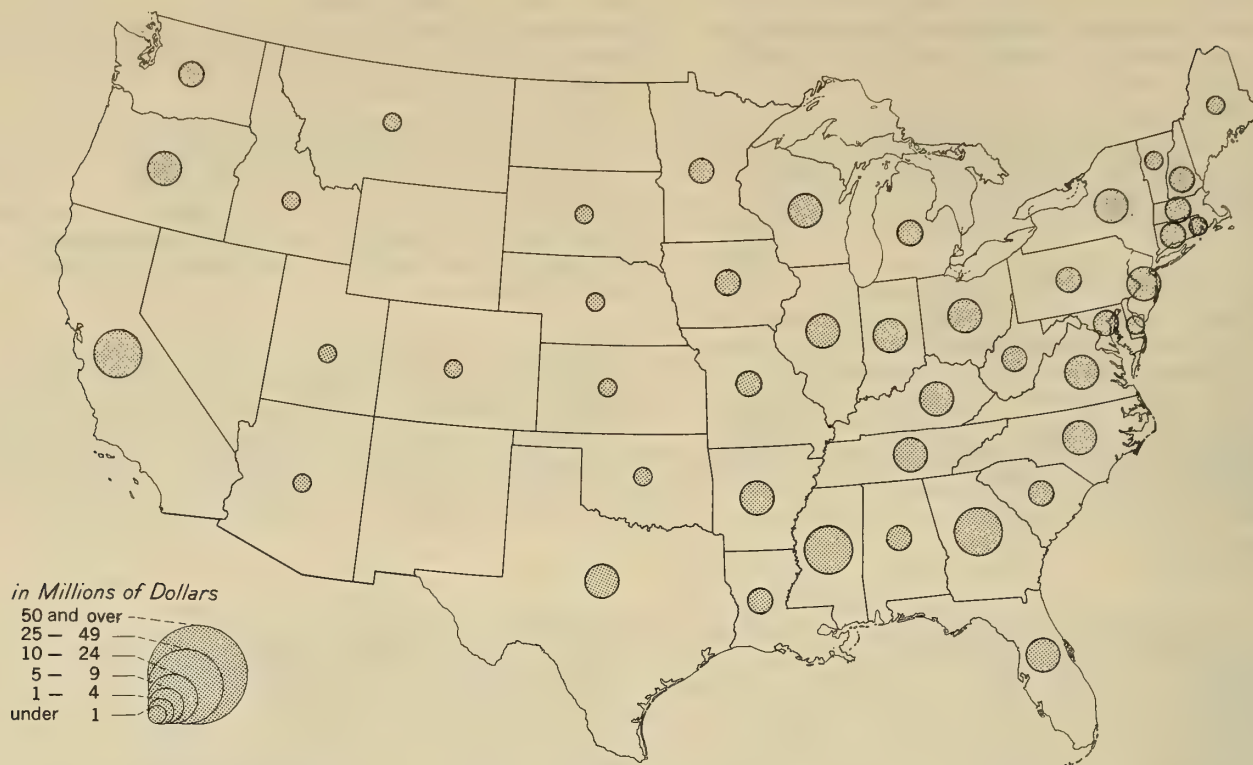
This industry's shipments of wood products, n.e.c. (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of sawmill and planing mill products (\$8 million), and hardwood dimension stock (\$6 million).

Industry 2499 shipments of wood products, n.e.c. (primary products) in 1958 represented 88 percent (coverage ratio) of these products valued at \$499 million shipped by all industries. Other industries shipping wood products, n.e.c. (primary products) consisted mainly of Industry 3461, Metal Stampings, \$9 million; and Industry 2441, Nailed Wooden Boxes and Shook, \$5 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## WOODEN CONTAINERS: SIC 244

Value Added by Manufacture by State: 1958

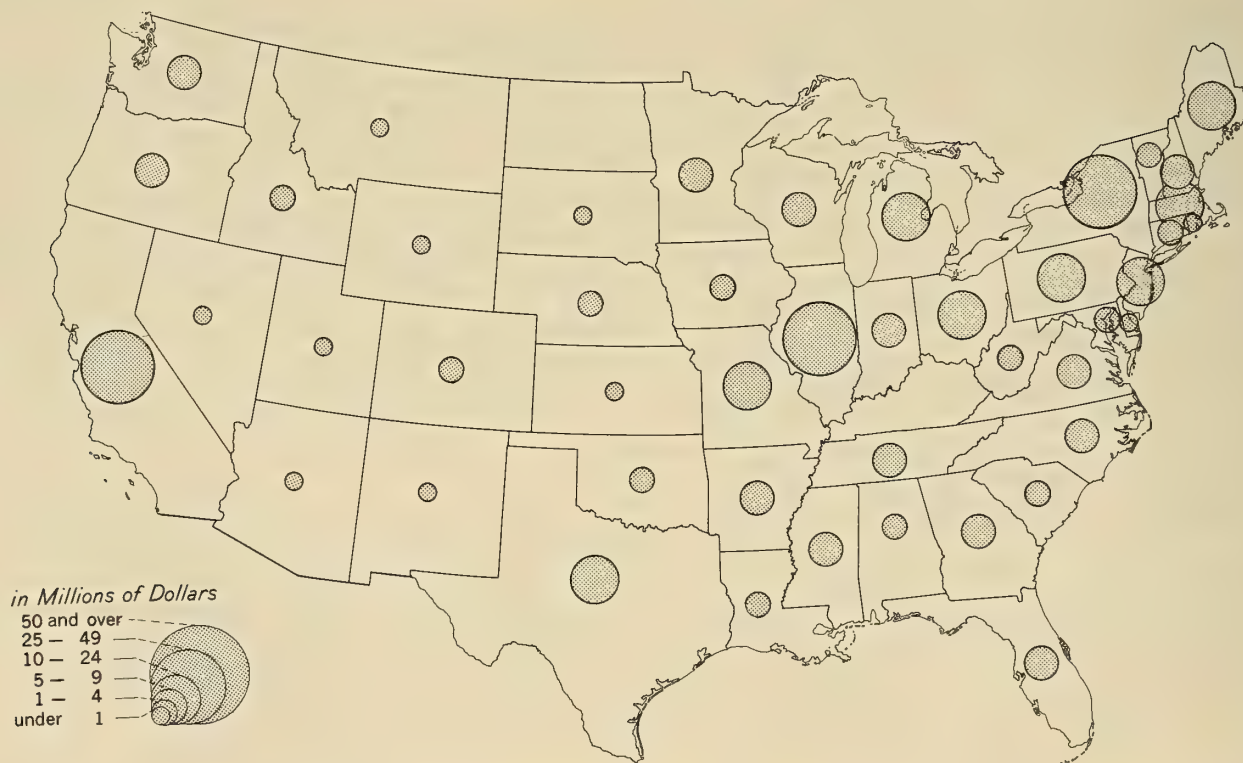


Includes Industries 2441, 2442, 2443 and 2445. See Table 2.

Bureau of the Census M-58-C244

## MISCELLANEOUS WOOD PRODUCTS: SIC 249

Value Added by Manufacture by State: 1958



Includes Industries 2491 and 2499. See Table 2.

Bureau of the Census M-58-D249



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2441	Nailed wooden boxes and shooks: <sup>8</sup>	R847	885	R258	20,916	68,517	18,427	35,625	55,093	102,248	132,917	235,709	3,406	88	84
2442	Wirebound boxes and crates: <sup>8</sup>		84	98	59	9,366	26,113	8,516	16,342	43,109	50,537	93,388	1,209	R92	92
	Sum of the above industries: <sup>9</sup>	(NA)	983	318	30,282	94,630	26,943	51,967	76,050	145,357	183,454	329,097	4,615	(NA)	(NA)
	1958.....	(NA)	(NA)	(NA)	33,477	99,231	30,354	58,345	80,763	163,730	(NA)	327,876	(NA)	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	39,364	107,927	33,608	66,346	89,362	180,457	180,751	361,213	(NA)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	39,037	109,045	35,724	71,559	89,286	179,832	174,909	358,015	(NA)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	1,124	426	40,603	108,114	36,863	72,155	88,614	173,023	218,122	391,491	6,294	(NA)	(NA)
	1954.....	(NA)	1,067	(NA)	49,703	101,968	46,353	99,379	88,407	179,200	194,192	373,392	8,882	(NA)	(NA)
	1947.....	(NA)	821	(NA)	(NA)	(NA)	42,939	(NA)	29,513	61,585	57,941	119,526	(NA)	(NA)	(NA)
2443	Veneer and plywood containers:	R100	105	65	5,416	12,850	5,059	9,245	11,013	18,323	11,939	30,271	579	R93	R88
	1958.....		(NA)	(NA)	6,908	16,527	6,151	11,709	13,619	22,026	(NA)	36,941	(NA)	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,210	16,656	6,744	12,746	14,053	24,336	15,300	38,684	856	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,711	13,680	6,312	12,092	11,574	18,465	11,047	28,493	(NA)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	126	134	70	6,685	13,869	6,278	12,497	11,782	13,698	32,787	674	91	88
	1954.....	(NA)	(NA)	(NA)	8,099	15,150	7,854	(NA)	13,683	20,424	11,338	31,762	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,216	15,142	7,925	(NA)	13,746	21,142	11,615	32,757	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	129	141	(NA)	13,398	8,781	(NA)	12,093	19,330	11,254	30,584	(NA)	(NA)	(NA)
	1947.....	(NA)	161	(NA)	(NA)	(NA)	9,093	(NA)	5,019	9,815	6,455	16,270	(NA)	(NA)	(NA)
2445	Cooperage:	126	190	35	3,871	14,268	3,435	6,531	12,029	19,843	49,358	70,070	1,138	95	98
	1958.....		(NA)	(NA)	3,571	13,704	3,198	6,232	11,485	19,591	45,240	64,804	(NA)	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	3,863	14,406	3,509	6,854	12,240	19,670	52,933	73,524	1,149	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	3,598	12,697	3,256	6,257	10,769	16,567	43,220	63,463	(NA)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	104	180	32	3,723	12,350	3,377	6,497	10,507	16,884	61,189	973	97	99
	1954.....	(NA)	(NA)	(NA)	4,863	15,120	4,338	8,436	13,058	24,185	47,692	71,877	(NA)	(NA)	(NA)
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	4,645	14,590	4,246	8,555	12,350	21,634	44,248	65,882	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,421	19,757	5,956	12,202	17,304	32,658	75,725	108,383	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,596	18,423	6,103	12,260	15,973	33,258	68,044	101,302	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,271	16,034	5,933	11,276	11,276	31,012	57,781	88,793	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	127	255	(NA)	9,223	22,086	8,610	17,457	18,981	31,350	106,379	(NA)	(NA)	(NA)
	1947.....	(NA)	350	(NA)	8,104	8,557	7,193	(NA)	6,560	13,943	24,318	38,261	(NA)	(NA)	(NA)
	1939.....	(NA)	397	(NA)	10,246	10,779	9,588	(NA)	9,177	17,698	32,527	50,225	(NA)	(NA)	(NA)
	1935.....	(NA)	407	(NA)	10,669	9,836	9,879	(NA)	7,982	16,584	29,972	46,556	(NA)	(NA)	(NA)
	1933.....	(NA)	361	(NA)	9,025	7,196	8,457	(NA)	6,261	12,705	22,913	35,618	(NA)	(NA)	(NA)
	1931.....	(NA)	500	(NA)	(NA)	(NA)	8,208	(NA)	7,663	14,810	24,333	39,143	(NA)	(NA)	(NA)
	1929.....	(NA)	586	(NA)	11,661	14,255	10,691	(NA)	11,706	23,326	41,516	64,842	(NA)	(NA)	(NA)
	1927.....	(NA)	528	(NA)	12,424	15,492	11,455	(NA)	12,937	23,126	43,821	66,947	(NA)	(NA)	(NA)
	1925.....	(NA)	553	(NA)	12,466	15,383	11,483	(NA)	12,908	23,559	44,176	67,735	(NA)	(NA)	(NA)
	1923.....	(NA)	623	(NA)	13,093	15,853	12,028	(NA)	13,183	24,778	48,356	73,134	(NA)	(NA)	(NA)
	1921.....	(NA)	625	(NA)	10,824	12,426	9,876	(NA)	10,109	16,047	40,586	56,633	(NA)	(NA)	(NA)
	1919.....	(NA)	1,099	(NA)	14,428	17,005	13,219	(NA)	14,082	29,715	58,521	88,236	(NA)	(NA)	(NA)
	1914.....	(NA)	1,259	(NA)	18,228	10,704	17,128	(NA)	9,161	17,073	32,944	50,017	(NA)	(NA)	(NA)
	1909.....	(NA)	1,374	(NA)	(NA)	(NA)	19,489	(NA)	8,970	17,460	32,162	49,622	(NA)	(NA)	(NA)
	1904.....	(NA)	1,517	(NA)	22,359	10,877	21,149	(NA)	9,485	18,331	31,093	49,424	(NA)	(NA)	(NA)
	1899.....	(NA)	1,694	(NA)	22,926	9,611	22,117	(NA)	8,786	16,289	22,151	38,440	(NA)	(NA)	(NA)
2491 (old SIC 2491)	Wood preserving:	211	306	148	10,933	36,625	9,173	17,877	28,064	72,508	127,853	202,957	3,661	98	96
	1958.....		(NA)	(NA)	16,458	55,185	14,455	29,676	44,068	119,165	156,457	262,112	(NA)	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	15,117	48,931	13,252	27,119	38,717	99,239	149,789	244,991	(NA)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,802	40,609	11,116	23,700	32,255	80,663	134,039	213,124	(NA)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	188	288	158	12,073	36,162	10,409	20,671	28,020	68,531	123,659	4,700	97	99
	1954.....	(NA)	(NA)	(NA)	13,261	40,616	11,955	(NA)	32,930	89,035	(10)	(10)	(NA)	(NA)	(NA)
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	16,538	49,841	14,609	(NA)	40,216	96,304	(10)	(10)	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	15,606	44,658	13,983	(NA)	36,486	95,073	(10)	(10)	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	13,477	32,465	12,009	(NA)	26,132	78,418	(10)	(10)	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	14,182	33,727	12,753	(NA)	27,425	68,494	(10)	(10)	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	136	242	(NA)	16,247	37,142	14,772	31,706	32,020	92,041	(10)	(NA)	(NA)	(NA)
	1947.....	(NA)	218	(NA)	12,623	12,206	11,242	(NA)	9,764	28,818	(10)	(10)	(NA)	(NA)	(NA)
	1939.....	(NA)	197	(NA)	13,351	13,291	12,401	(NA)	11,338	32,016	(10)	(10)	(NA)	(NA)	(NA)
	1937.....	(NA)	185	(NA)	9,833	8,302	8,985	(NA)	6,639	20,587	(10)	(10)	(NA)	(NA)	(NA)
	1935.....	(NA)	185	(NA)	7,700	5,475	7,072	(NA)	4,233	12,858	(10)	(10)	(NA)	(NA)	(NA)
	1933.....	(NA)													

See footnotes at end of table.

Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number <sup>1</sup>	Establishments, number		All employees <sup>2</sup>		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Special- ization ratio <sup>6</sup>	Cov- erage ratio <sup>7</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2491	Wood preserving—Con.														
	1931.....	(NA)	211	(NA)	(NA)	(NA)	9,700	(NA)	8,214	21,373	(10)	(10)	(NA)	(NA)	(NA)
	1929.....	(NA)	199	(NA)	14,490	18,562	13,077	(NA)	14,940	43,242	(10)	(10)	(NA)	(NA)	(NA)
	1927.....	(NA)	193	(NA)	13,720	17,016	12,259	(NA)	13,726	43,003	(10)	(10)	(NA)	(NA)	(NA)
	1925.....	(NA)	131	(NA)	9,468	11,767	8,416	(NA)	9,606	24,475	66,709	91,184	(NA)	(NA)	(NA)
	1923.....	(NA)	103	(NA)	7,524	8,918	6,520	(NA)	6,878	20,944	50,139	71,083	(NA)	(NA)	(NA)
	1921.....	(NA)	78	(NA)	4,685	5,775	4,153	(NA)	4,502	12,990	34,432	47,422	(NA)	(NA)	(NA)
	1919.....	(NA)	73	(NA)	4,614	5,636	3,978	(NA)	4,342	9,997	23,242	33,239	(NA)	(NA)	(NA)
	1914.....	(NA)	68	(NA)	3,451	2,728	2,830	(NA)	1,785	4,995	16,060	21,055	(NA)	(NA)	(NA)
	1909.....	(NA)	53	(NA)	2,784	1,583	2,403	(NA)	1,066	4,771	9,328	14,099	(NA)	(NA)	(NA)
	1904.....	(NA)	26	(NA)	852	473	737	(NA)	315	905	2,463	3,368	(NA)	(NA)	(NA)
	1899.....	(NA)	21	(NA)	532	262	478	(NA)	205	571	1,825	2,396	(NA)	(NA)	(NA)
2499	Wood products, nec. <sup>11</sup>														
	1958.....	2,612	2,725	598	46,434	162,622	39,517	76,562	125,030	267,014	254,799	522,333	14,008	90	88
	1954.....	2,045	2,607	603	48,687	141,752	42,888	84,857	111,112	(NA)	219,460	456,056	8,828	91	87
	1947.....	1,742	2,196	(NA)	52,825	117,303	47,873	101,612	97,529	183,706	169,173	352,879	11,867	(NA)	(NA)
	1939.....	(NA)	1,241	(NA)	(NA)	(NA)	34,484	(NA)	29,823	69,077	52,608	121,685	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of non-production workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000)	Industry Code	Value added (\$1,000)
2441	169,349	2445	21,656
2442 }		2491	69,257
2443 }	18,961		

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc. (\$1,000)	Industry Code	Cost of materials, etc. (\$1,000)
	1958		1954
2441	119,055 }	2445	48,992
2442	44,940 }	2491	123,701
2443	10,530		
			121,245

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of shipments (\$1,000)	Industry Code	Value of shipments (\$1,000)
	1958		1954
2441	220,066 }	2445	69,644
2442	86,928 }	2491	198,304
2443	28,698	2499	503,414
			(NA)

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>As a result of revisions introduced in the 1957 Standard Industrial Classification, comparable historical data can be obtained only by combining Industries 2441, Nailed Wooden Boxes and Shook, and 2442, Wirebound Boxes and Crates for 1958 and old Industries 2443, Cigar Boxes, and 2444, Wooden Boxes for 1954 and earlier. The details of the SIC revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>For "Wood preserving," the statistics for the cost of materials and value of products for 1954 and later years are not comparable with those for 1927-1953, but they are comparable with those for 1899-1925. The differences occur because statistics for 1927-1953 included an estimated value of forest products treated but not owned by the reporting establishments, whereas in the period 1954-1958 and in the 1899-1925 period the statistics include only the value of wood owned by the reporting establishments.

<sup>11</sup>The 1957 Standard Industrial Classification combined in this industry five industries which were separate in the 1945 Standard Industrial Classification. These were: Industry 2442, Rattan and Willow Ware, Industry 2492, Lasts and Related Products, Industry 2493, Mirror and Picture Frames, Industry 2499, Wood Products, NEC, and Industry 3982, Cork Products. The data for 1957 and earlier years for these five industries have been combined.



Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2441—Nailed wooden boxes and shooks.....	885	259	20,916	102,248	xxx	xxx	xxx	xxx
Old Industry 2443—Cigar boxes.....	7	3	220	1,053	r 7	r 3	220	1,053
Old Industry 2444—Wooden boxes.....	858	245	19,480	94,875	r 944	r 306	r 28,884	r 138,065
All other industries <sup>1</sup> .....	20	11	1,216	6,320	xxx	xxx	xxx	xxx
New Industry 2442—Wirebound boxes and crates.....	98	59	9,366	43,109	xxx	xxx	xxx	xxx
Old Industry 2442—Rattan and willow ware.....	18	2	122	520	r 54	r 16	r 1,368	r 6,183
Old Industry 2444—Wooden boxes.....	80	57	9,244	42,589	r 944	r 306	r 28,884	r 138,065
New Industry 2499—Wood products, nec.....	2,725	598	46,434	267,014	xxx	xxx	xxx	xxx
Old Industry 2499—Wood products, nec.....	2,206	464	34,035	175,711	2,311	521	37,757	193,234
Old Industry 2431—Millwork plants.....	18	6	318	2,460	3,021	713	61,441	410,623
Old Industry 2432—Plywood plants.....	18	13	1,594	12,870	291	240	44,988	306,038
Old Industry 2442—Rattan and willow ware.....	36	14	1,246	5,663	r 54	r 16	r 1,368	r 6,183
Old Industry 2492—Lasts and related products.....	65	27	2,024	15,307	r 65	27	r 2,024	r 15,307
Old Industry 2493—Mirror and picture frames.....	346	58	5,738	37,643	r 246	58	r 5,738	r 37,643
Old Industry 3982—Cork products.....	24	10	907	13,988	r 75	r 11	r 956	r 14,355
All other industries <sup>1</sup> .....	12	6	572	3,372	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>r</sup>Revised.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2441	Nailed wooden boxes and shooks, total...	885	r 258	20,916	68,517	18,427	35,625	55,093	102,248	235,709	3,406	(3)	(3)	(3)
	New England.....	109	32	1,974	6,358	1,708	3,328	4,920	7,664	19,587	(2)	(3)	(3)	(3)
	Maine.....	20	4	239	588	218	411	502	724	1,729	(2)	(3)	(3)	(3)
	Massachusetts...	45	14	807	2,558	702	1,361	1,998	2,828	6,798	(2)	(3)	(3)	(3)
	Middle Atlantic...	163	28	2,193	7,604	1,903	3,713	5,886	10,913	24,906	(2)	(3)	(3)	(3)
	New York.....	86	9	853	2,971	725	1,442	2,319	4,168	10,234	(2)	(3)	(3)	(3)
	New Jersey.....	41	9	695	2,467	621	1,212	1,956	3,396	7,629	(2)	(3)	(3)	(3)
	Pennsylvania....	36	10	645	2,166	557	1,059	1,611	3,349	7,043	(2)	(3)	(3)	(3)
	North Central.....	232	70	3,985	13,768	3,412	6,564	10,592	20,326	42,721	919	(3)	(3)	(3)
	Ohio.....	42	13	614	2,459	517	982	1,842	3,236	7,135	(2)	(3)	(3)	(3)
	Illinois.....	37	9	687	2,595	584	1,063	1,903	3,614	8,004	(2)	(3)	(3)	(3)
	Michigan.....	51	9	541	1,535	460	851	1,263	2,347	5,240	(2)	(3)	(3)	(3)
	Wisconsin.....	39	14	914	2,995	801	1,631	2,333	3,953	7,840	(2)	(3)	(3)	(3)
	South Atlantic....	99	r 50	4,238	10,055	3,815	7,082	8,249	15,024	34,142	592	(3)	(3)	(3)
	West Virginia...	5	2	143	360	121	225	257	630	1,727	(2)	(3)	(3)	(3)
	North Carolina...	11	3	282	654	269	481	574	761	2,215	(2)	(3)	(3)	(3)
	South Carolina...	5	r 4	359	946	322	634	760	1,560	3,303	(2)	(3)	(3)	(3)
	Florida.....	23	10	732	1,743	676	1,184	1,449	2,544	4,952	(D)	(3)	(3)	(3)
	East South Central	48	20	2,747	7,869	2,420	4,733	6,120	13,361	28,440	(2)	(3)	(3)	(3)
	Tennessee.....	15	6	871	2,508	751	1,440	1,827	3,870	7,918	(2)	(3)	(3)	(3)
	Mississippi.....	11	8	1,190	3,431	1,073	2,155	2,821	6,395	13,087	(2)	(3)	(3)	(3)
	West South Central	36	15	1,234	3,303	1,097	2,249	2,774	5,700	10,154	(2)	(3)	(3)	(3)
	Mountain.....	22	5	274	868	245	406	686	926	4,096	(2)	(3)	(3)	(3)
	Pacific.....	176	38	4,271	18,692	3,827	7,550	15,866	28,334	71,663	656	(3)	(3)	(3)
	California.....	122	22	2,862	12,985	2,532	5,185	10,940	19,148	51,709	(2)	(3)	(3)	(3)
2442	Wirebound boxes and crates, total.....	98	59	9,366	26,113	8,516	16,342	20,957	43,109	93,388	1,209	(3)	(3)	(3)
	North Central.....	25	15	1,270	4,326	1,035	1,840	2,829	6,485	15,743	(2)	(3)	(3)	(3)
	Ohio.....	6	4	317	1,008	230	357	594	1,530	4,753	(2)	(3)	(3)	(3)
	Illinois.....	5	4	461	1,545	384	666	977	1,697	3,545	(2)	(3)	(3)	(3)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2442	Wirebound boxes, etc.—Continued													
	South Atlantic....	28	21	4,214	11,087	3,929	7,467	9,251	19,249	39,526	(2)	(3)	(3)	(3)
	Georgia.....	9	8	1,649	4,202	1,579	2,947	3,778	9,080	16,826	(2)			
	Florida.....	10	8	1,420	3,650	1,328	2,438	2,964	5,138	12,223	(2)			
	East South Central	11	9	1,547	3,914	1,429	2,849	3,168	5,999	13,057	(2)			
	West South Central	7	6	1,571	4,088	1,458	2,956	3,515	7,008	15,138	(2)			
	All other divisions.....	27	8	764	2,698	665	1,230	2,194	4,368	9,924	(2)			
2443	Veneer and plywood containers, total..	105	65	5,416	12,850	5,059	9,245	11,013	18,323	30,271	579	6,685	18,961	9,105
	East North Central	30	19	913	2,456	824	1,663	2,029	3,351	5,033	(D)	(4)	(4)	(4)
	Ohio.....	12	8	289	826	258	510	681	1,139	1,693	(2)	384	1,201	498
	Illinois.....	6	3	161	419	146	311	339	631	985	(2)	90	182	247
	Michigan.....	5	3	151	435	129	275	329	515	1,125	(D)	199	517	207
	West North Central	3	...	19	52	17	26	42	59	134	(2)	(4)	(4)	(4)
	South Atlantic....	24	20	2,307	5,175	2,146	3,900	4,422	7,506	13,158	(2)	2,952	8,327	(D)
	Virginia.....	5	4	586	1,298	564	998	1,138	1,785	2,989	(2)	920	2,630	931
	North Carolina..	5	5	932	2,152	842	1,569	1,807	3,168	5,859	(2)	921	3,082	985
	East South Central	10	5	332	626	312	488	584	897	1,496	(2)	325	593	(D)
	West South Central	10	10	1,052	2,256	1,030	1,852	2,091	3,304	4,660	(2)	1,296	3,115	1,930
	Arkansas.....	3	3	386	880	382	712	835	1,167	1,588	(2)	...	...	...
	Texas.....	7	7	666	1,376	648	1,140	1,256	2,137	3,072	(2)	(4)	(4)	(4)
	All other divisions.....	28	11	793	2,285	730	1,316	1,845	3,206	5,790	(2)	1,267	4,612	1,566
	New York.....	10	4	227	529	209	357	441	758	1,275	(2)	(4)	(4)	(4)
	New Jersey.....	10	4	406	1,126	381	682	934	1,387	2,687	(2)	550	1,856	594
2445	Cooperage, total....	190	35	3,871	14,268	3,435	6,531	12,029	19,843	70,070	1,138	3,723	21,656	9,223
	New England.....	26	4	433	1,237	401	781	1,092	1,546	2,780	(2)	452	1,736	675
	Middle Atlantic...	35	6	319	1,144	281	542	986	1,775	6,426	(2)	506	2,723	1,291
	East North Central	35	5	715	3,208	640	1,282	2,726	5,007	12,358	(2)	956	3,867	1,823
	Ohio.....	8	3	332	1,558	304	573	1,340	2,116	5,031	(2)	443	1,884	526
	Illinois.....	12	2	294	1,325	261	564	1,121	2,379	5,745	(D)	345	1,406	893
	West North Central	31	4	384	979	324	558	813	1,306	4,810	(2)	250	1,068	879
	South Atlantic....	26	3	315	1,008	274	559	840	1,391	4,129	(2)	(4)	(4)	(4)
	Maryland.....	10	1	172	732	150	336	599	955	2,870	(2)	210	1,100	305
	East South Central	23	9	1,391	5,599	1,241	2,270	4,722	6,808	35,063	591	(4)	(4)	(4)
	West South Central	8	2	212	597	184	345	436	909	2,123	(2)	(4)	(4)	(4)
	West.....	6	2	102	496	90	194	414	1,101	2,381	(2)	(4)	(4)	(4)
2491	Wood preserving, total.....	306	148	10,933	36,625	9,173	17,877	28,064	72,508	202,957	3,661	12,073	69,257	16,247
	Northeast.....	18	9	411	1,651	338	623	1,268	3,290	9,463	(2)	527	3,717	797
	Pennsylvania....	6	3	167	660	135	252	486	1,176	3,883	(2)	(4)	(4)	(4)
	East North Central	30	15	957	3,701	796	1,610	2,938	7,325	19,913	(2)	1,143	7,462	2,301
	Ohio.....	8	5	275	1,146	234	468	914	2,422	5,914	(2)	459	3,002	688
	Indiana.....	7	2	168	554	130	315	451	1,123	2,842	(2)	223	1,322	380
	Illinois.....	7	5	342	1,389	289	542	1,081	2,815	8,838	(2)	(4)	(4)	(4)
	Wisconsin.....	3	3	147	519	123	243	422	837	2,103	(2)	(4)	(4)	(4)
	West North Central	20	15	842	3,232	712	1,341	2,499	7,665	17,393	(2)	881	5,565	1,111
	Minnesota.....	10	9	446	1,879	376	684	1,447	4,786	10,123	(2)	464	3,328	588
	Missouri.....	7	4	282	841	240	439	652	2,083	4,184	(2)	295	1,548	(D)
	South Atlantic....	89	37	2,978	9,523	2,432	4,738	6,999	18,282	55,366	1,098	2,965	16,007	3,487
	Virginia.....	12	6	372	1,181	311	550	889	2,808	7,648	(2)	321	1,923	456
	South Carolina..	11	3	557	1,660	436	802	1,162	2,516	9,805	(2)	614	2,800	753
	Georgia.....	20	9	754	2,462	643	1,338	1,911	5,170	16,065	(2)	806	4,852	841
	Florida.....	26	11	663	2,165	546	1,123	1,594	4,059	11,884	(2)	628	3,141	631
	East South Central	46	24	2,026	5,802	1,774	3,474	4,521	11,993	34,998	535	2,419	12,691	2,567
	Alabama.....	13	6	512	1,582	439	962	1,242	2,771	8,992	(2)	1,125	5,478	783
	Mississippi.....	23	11	1,084	2,890	964	1,806	2,260	4,507	14,896	(2)	784	4,102	1,080
	West South Central	62	28	2,327	6,951	1,965	3,911	5,291	12,978	37,965	740	2,467	11,990	3,689
	Arkansas.....	9	4	448	1,334	414	876	1,142	2,709	7,276	(2)	395	2,318	242
	Louisiana.....	23	9	653	1,955	570	1,165	1,449	3,187	11,369	(2)	685	3,409	886
	Oklahoma.....	8	3	287	736	212	387	551	1,175	4,156	(2)	272	1,109	327
	Texas.....	22	12	939	2,926	769	1,483	2,149	5,907	15,164	(2)	1,114	5,153	2,234
	Mountain.....	19	8	555	1,856	462	879	1,518	3,340	7,302	(2)	605	3,460	917
	Pacific.....	22	12	837	3,909	694	1,301	3,030	7,635	20,557	(2)	1,063	8,363	1,378
	Washington.....	10	5	310	1,472	251	492	1,114	3,077	8,096	(2)	335	2,234	575
	Oregon.....	6	4	307	1,392	259	466	1,070	2,483	6,635	(2)	364	2,397	362
	California.....	6	3	220	1,045	184	343	846	2,075	5,826	(2)	362	3,731	441

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2499	Wood products, nec., total.....	2,725	598	46,434	162,622	39,517	76,562	125,030	267,014	522,333	14,008	48,687	233,944	52,825
	Northeast.....	1,001	233	18,620	64,335	15,894	30,921	49,897	108,924	200,600	5,296	20,916	104,439	(NA)
	Maine.....	108	48	4,525	13,260	4,129	8,403	11,307	18,015	32,847	938	(5)	(5)	(5)
	Pennsylvania.....	138	28	2,059	6,710	1,692	3,202	5,190	10,544	23,187	850	(5)	(5)	(5)
	East North Central.....	559	123	9,784	37,309	8,136	15,715	27,038	61,250	116,414	2,339	(5)	(5)	(5)
	Ohio.....	104	26	1,429	5,230	1,226	2,377	3,919	8,788	17,198	(2)	(5)	(5)	(5)
	Indiana.....	76	16	1,291	4,354	1,103	2,067	3,196	8,238	15,500	(2)	(5)	(5)	(5)
	Illinois.....	139	30	3,293	14,062	2,634	5,240	9,419	22,838	42,029	(2)	(5)	(5)	(5)
	Michigan.....	159	38	2,669	10,077	2,236	4,119	7,762	15,204	29,397	619	(5)	(5)	(5)
	Wisconsin.....	81	13	1,102	3,586	937	1,912	2,742	6,182	12,290	633	(5)	(5)	(5)
	West North Central.....	150	33	2,390	8,545	2,038	4,086	6,299	12,419	24,542	803	(5)	(5)	(5)
	Minnesota.....	28	3	274	1,241	203	390	768	1,993	4,067	(2)	(5)	(5)	(5)
	Missouri.....	90	24	1,598	5,466	1,404	2,817	4,179	8,080	14,056	572	(5)	(5)	(5)
	South Atlantic.....	273	56	3,768	10,481	3,230	5,886	7,991	16,764	37,432	1,017	(5)	(5)	(5)
	Virginia.....	39	13	804	2,132	688	1,171	1,692	3,254	6,215	(2)	(5)	(5)	(5)
	West Virginia.....	22	3	192	381	172	266	344	544	1,595	(2)	(5)	(5)	(5)
	South Carolina.....	16	5	232	538	209	394	460	710	1,723	(2)	(5)	(5)	(5)
	Georgia.....	34	7	572	1,437	464	825	950	2,089	4,313	(2)	(5)	(5)	(5)
	Florida.....	56	3	337	875	300	566	766	2,295	3,590	(2)	(5)	(5)	(5)
	East South Central.....	162	49	3,609	9,391	3,228	5,925	7,446	14,030	30,967	1,017	(5)	(5)	(5)
	Alabama.....	31	9	411	845	384	693	774	1,311	2,970	(2)	(5)	(5)	(5)
	Mississippi.....	25	8	1,010	2,687	890	1,676	2,016	4,573	9,989	(2)	(5)	(5)	(5)
	West South Central.....	164	37	2,380	6,199	2,099	3,912	4,996	9,845	21,805	793	(5)	(5)	(5)
	Arkansas.....	49	21	1,275	2,997	1,167	2,161	2,580	4,516	9,374	(2)	(5)	(5)	(5)
	Texas.....	85	11	819	2,384	684	1,275	1,720	4,285	9,373	(2)	(5)	(5)	(5)
	Mountain.....	28	2	196	532	174	295	472	864	1,648	(2)	(5)	(5)	(5)
	Pacific.....	388	65	5,687	25,830	4,718	9,822	20,891	42,918	88,925	2,578	(5)	(5)	(5)
	Washington.....	49	10	673	5,238	573	2,019	4,558	5,621	13,491	(2)	(5)	(5)	(5)
	Oregon.....	91	14	803	3,339	718	1,296	2,836	6,706	12,966	(2)	(5)	(5)	(5)
	California.....	248	41	4,211	17,253	3,427	6,507	13,497	30,591	62,468	1,908	(5)	(5)	(5)

Note: Detailed figures may not add to the totals because of independent rounding. <sup>2</sup>Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2441, Nailed Wooden Boxes and Shook: New England—New Hampshire, 19 (500-999); Vermont, 4 (1-19); Rhode Island, 6 (20-99); Connecticut, 15 (250-499); East North Central—Indiana, 15 (250-499); Minnesota, 20 (250-499); Iowa, 5 (100-249); Missouri, 17 (250-499); Nebraska, 2 (20-99); Kansas, 4 (20-99); South Atlantic—Delaware, 1 (1-19); Maryland, 11 (250-499); Virginia, 21 (1,000-2,499); Georgia, 22 (1,282); East South Central—Kentucky, 7 (100-249); Alabama, 15 (250-499); West South Central—Arkansas, 8 (500-999); Louisiana, 10 (100-249); Oklahoma, 2 (1-19); Texas, 16 (250-499); Mountain—Montana, 2 (20-99); Idaho, 11 (20-99); Colorado, 3 (20-99); Arizona, 4 (20-99); Utah, 2 (1-19); Pacific—Washington, 26 (500-999); Oregon, 28 (500-999).

SIC 2442, Wirebound Boxes and Crates: North Central—Indiana, 1 (20-99); Michigan, 3 (20-99); Wisconsin, 5 (100-249); Minnesota, 1 (1-19); Iowa, 1 (20-99); Missouri, 2 (100-249); Kansas, 1 (1-19); South Atlantic—Maryland, 2 (250-499); Virginia, 1 (250-499); West Virginia, 1 (20-99); North Carolina, 2 (100-249); South Carolina, 3 (100-249); East South Central—Tennessee, 3 (100-249); Alabama, 2 (100-249); Mississippi, 6 (1,000-2,499); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (500-999); Texas, 4 (500-999); All other divisions—Maine, 2 (1-19); New Hampshire, 1 (1-19); Vermont, 1 (1-19); Massachusetts, 2 (20-99); New York, 5 (100-249); New Jersey, 2 (20-99); Pennsylvania, 5 (20-99); Washington, 1 (1-19); Oregon, 2 (100-249); California, 6 (100-249).

SIC 2443, Veneer and Plywood Containers: East North Central—Indiana, 2 (100-249); Wisconsin, 5 (100-249); West North Central—Minnesota, 2 (1-19); Nebraska, 1 (1-19); South Atlantic—Delaware, 1 (100-249); Maryland, 2 (20-99); South Carolina, 7 (250-499); Georgia, 3 (250-499); Florida, 1 (1-19); East South Central—Kentucky, 2 (20-99); Tennessee, 1 (100-249); Alabama, 6 (100-249); Mississippi, 1 (20-99); All other divisions—Massachusetts, 1 (1-19); Connecticut, 1 (20-99); Pennsylvania, 2 (1-19); Colorado, 1 (1-19); California, 3 (100-249).

SIC 2445, Cooperage: New England—Maine, 12 (20-99); New Hampshire, 3 (100-249); Vermont, 3 (1-19); Massachusetts, 8 (100-249); Middle Atlantic—New York, 14 (20-99); New Jersey, 11 (20-99); Pennsylvania, 10 (100-249); East North Central—Indiana, 10 (20-99); Michigan, 3 (1-19); Wisconsin, 2 (1-19); West North Central—Minnesota, 3 (20-99); Iowa, 4 (20-99); Missouri, 20 (250-499); South Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 2 (1-19); South Atlantic—Virginia, 4 (20-99); West Virginia, 2 (1-19); North Carolina, 6 (20-99); Georgia, 1 (1-19); Florida, 3 (1-19); East South Central—Kentucky, 12 (500-999); Tennessee, 9 (250-499); Alabama, 2 (1-19); West South Central—Arkansas, 5 (100-249); Louisiana, 1 (1-19); Texas, 2 (1-19); West—Colorado, 1 (1-19); Washington, 1 (20-99); Oregon, 1 (20-99); California, 3 (20-99).

SIC 2491, Wood Preserving: Northeast—New Hampshire, 1 (20-99); Vermont, 1 (1-19); Massachusetts, 1 (1-19); Connecticut, 1 (20-99); New York, 5 (20-99); New Jersey, 3 (20-99); East North Central—Michigan, 5 (20-99); West North Central—Iowa, 1 (20-99); South Dakota, 2 (20-99); South Atlantic—Delaware, 1 (20-99); Maryland, 4 (100-249); West Virginia, 3 (100-249); North Carolina, 12 (250-499); East South Central—Kentucky, 7 (100-249); Tennessee, 3 (100-249); Mountain—Montana, 6 (20-99); Idaho, 7 (100-249); Wyoming, 2 (100-249); Colorado, 3 (100-249); New Mexico, 1 (20-99).

SIC 2499, Wood Products, NEC: Northeast—New Hampshire, 52 (1,000-2,499); Vermont, 50 (500-999); Massachusetts, 126 (2,500-4,999); Rhode Island, 16 (20-99); Connecticut, 29 (250-499); New York, 401 (5,000 and over); New Jersey, 81 (1,000-2,499); West North Central—Iowa, 14 (100-249); South Dakota, 5 (1-19); Nebraska, 7 (250-499); Kansas, 6 (20-99); South Atlantic—Delaware, 3 (100-249); Maryland, 26 (500-999); District of Columbia, 1 (1-19); North Carolina, 76 (500-999); East South Central—Kentucky, 34 (250-499); Tennessee, 72 (1,715); West South Central—Louisiana, 20 (250-499); Oklahoma, 10 (20-99); Mountain—Montana, 1 (1-19); Idaho, 3 (20-99); Wyoming, 2 (1-19); Colorado, 11 (100-249); New Mexico, 1 (1-19); Arizona, 5 (1-19); Utah, 3 (1-19); Nevada, 2 (1-19).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>See footnote 8 of table 1.

<sup>4</sup>This State (Divisions, Regions) was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States (Divisions, Regions). In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>5</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2441 2442	Nailed wooden boxes and shook; and wirebound boxes and crates, total..	983	318	30,282	94,630	26,943	51,967	76,050	145,357	329,097	4,615	40,603	169,349	49,703
	New England.....	115	33	2,070	6,727	1,787	3,487	5,192	8,201	20,579	(3)	3,387	13,173	6,033
	Middle Atlantic...	175	32	2,486	8,691	2,149	4,184	6,731	12,211	28,402	(3)	3,556	17,235	(D)
	East North Central	204	66	4,228	14,643	3,544	6,658	10,745	20,634	45,504	1,067	6,413	29,438	8,601
	Ohio.....	48	17	931	3,467	747	1,339	2,436	4,766	11,888	(3)	1,305	6,967	1,735
	Illinois.....	42	13	1,148	4,140	968	1,729	2,880	5,311	11,549	(3)	1,474	6,592	2,006
	West North Central	53	19	1,027	3,451	903	1,746	2,676	6,177	12,960	(3)	2,125	9,918	1,855
	Minnesota.....	21	7	364	1,398	317	583	1,131	2,278	4,405	(3)	691	3,157	627
	Iowa.....	6	3	185	600	173	348	455	1,225	3,058	(3)	324	1,751	184
	Missouri.....	19	6	384	1,156	337	683	867	2,169	4,361	(3)	642	3,012	824
	South Atlantic....	127	72	8,452	21,142	7,744	14,549	17,500	34,273	73,668	914	8,691	30,451	11,009
	Virginia.....	22	14	1,551	3,487	1,359	2,522	2,815	5,250	11,494	(3)	1,187	3,818	1,285
	Florida.....	33	18	2,152	5,393	2,004	3,622	4,413	7,682	17,175	(D)	2,613	9,035	3,034
	East South Central	59	29	4,294	11,783	3,849	7,582	9,288	19,360	41,497	(3)	5,481	19,696	5,742
	West South Central	43	21	2,805	7,391	2,555	5,205	6,289	12,708	25,292	(3)	4,868	15,623	5,218
	Louisiana.....	12	5	981	2,531	884	1,786	2,127	4,196	9,146	(3)	(4)	(4)	(4)
	Mountain.....	22	5	274	868	245	406	686	926	4,096	(3)	(4)	(4)	(4)
	Pacific.....	185	41	4,646	19,934	4,167	8,150	16,943	30,867	77,099	677	(4)	(4)	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2441 and 2442, Nailed Wooden Boxes and Shook; and, Wirebound Boxes and Crates: New England—Maine, 22 (100-249); New Hampshire, 20 (500-999); Vermont, 5 (1-19); Massachusetts, 47 (500-999); Rhode Island, 6 (20-99); Connecticut, 15 (250-499); Middle Atlantic—New York, 91 (1,001); New Jersey, 43 (500-999); Pennsylvania, 41 (500-999); East North Central—Indiana, 16 (250-499); Michigan, 54 (500-999); Wisconsin, 44 (1,124); West North Central—Nebraska, 2 (20-99); Kansas, 5 (20-99); South Atlantic—Delaware, 1 (1-19); Maryland, 13 (500-999); West Virginia, 6 (100-249); North Carolina, 13 (250-499); South Carolina, 8 (500-999); Georgia, 31 (2,931); East South Central—Kentucky, 7 (100-249); Tennessee, 18 (1,000-2,499); Alabama, 17 (500-999); Mississippi, 17 (1,000-2,499); West South Central—Arkansas, 9 (500-999); Oklahoma, 2 (1-19); Texas, 20 (1,000-2,499); Mountain—Montana, 2 (20-99); Idaho, 11 (20-99); Colorado, 3 (20-99); Arizona, 4 (20-99); Utah, 2 (1-19); Pacific—Washington, 27 (500-999); Oregon, 30 (1,000-2,499); California, 128 (3,017).

<sup>2</sup>See footnote 9 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>3</sup>Less than \$500 thousand.<sup>4</sup>This State (Division) was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States (Divisions). In the 1947 report, the footnote to table 2 usually provided similar information.<sup>5</sup>Includes 654 employees for South and West combined, from the old Industry 2443, Cigar Boxes.



Table 3.—Detailed Statistics for the United States: 1958

Item	Nailed wooden boxes and shook (SIC 2441)	Wirebound boxes and crates (SIC 2442)	Veneer and plywood containers (SIC 2443)	Cooperage (SIC 2445)	Wood preserving (SIC 2491)	Wood products, nec (SIC 2499)
Primary product specialization ratio <sup>1</sup> .....	88	91	93	95	98	90
Coverage ratio <sup>2</sup> .....	84	92	88	98	96	88
Number of establishments, total.....	885	98	105	190	306	2,725
With 1-19 employees.....	627	39	40	155	158	2,127
With 20-99 employees.....	223	27	50	24	124	531
With 100 employees or more.....	35	32	15	11	24	67
Proprietors and working partners.....Number..	665	51	52	104	112	1,985
All employees:						
Number (average for the year).....	20,916	9,366	5,416	3,871	10,933	46,434
Payroll.....\$1,000..	68,517	26,113	12,850	14,268	36,625	162,622
Production workers:						
Number (average for the year).....	18,427	8,516	5,059	3,435	9,173	39,517
March.....	17,620	8,375	4,530	3,453	9,088	38,584
May.....	18,599	8,378	5,350	3,339	9,205	38,972
August.....	19,221	8,487	5,325	2,979	9,456	39,912
November.....	18,476	8,872	5,031	3,641	9,072	41,530
Man-hours.....1,000..	35,625	16,342	9,245	6,531	17,877	76,562
January-March.....do....	8,123	3,960	1,984	1,613	4,229	18,461
April-June.....do....	9,114	4,121	2,487	1,635	4,519	18,943
July-September.....do....	9,335	4,091	2,551	1,319	4,601	18,902
October-December.....do....	9,053	4,170	2,223	1,964	4,528	20,256
Wages.....\$1,000..	55,093	20,957	11,013	12,029	28,064	125,030
Cost of materials, etc., total.....do....	132,917	<sup>r</sup> 50,537	11,939	49,358	127,853	254,799
Materials, parts, containers, and supplies consumed.....do....	113,023	43,489	10,093	48,255	117,946	229,895
Cost of resales.....do....	13,862	5,597	1,409	366	4,152	15,573
Fuels consumed.....do....	881	160	80	155	2,938	2,461
Electricity purchased.....do....	1,850	735	233	436	966	4,485
Contract work.....do....	3,301	556	124	146	1,851	2,385
Value of shipments (including resales), total.....do....	235,709	<sup>r</sup> 93,388	30,271	70,070	202,957	522,333
Value of resales.....do....	15,643	6,460	1,573	426	4,653	18,919
Value added by manufacture, adjusted...do....	102,248	43,109	18,323	19,843	72,508	267,014
Manufacturers' inventories:						
Beginning of year, total.....do....	35,274	10,565	5,717	24,717	62,346	86,606
Finished products.....do....	9,823	3,316	3,990	1,791	30,153	28,967
Work-in-process.....do....	4,693	1,691	538	6,955	12,311	15,219
Materials, supplies, fuel, etc.....do....	20,758	5,558	1,189	15,971	19,882	42,420
End of year, total.....do....	33,550	10,826	<sup>r</sup> 5,812	21,267	57,918	85,986
Finished products.....do....	9,392	3,696	3,950	1,708	30,405	28,101
Work-in-process.....do....	4,580	1,753	610	6,495	9,563	15,565
Materials, supplies, fuel, etc.....do....	19,578	5,377	1,252	13,064	17,950	42,320
Expenditures for plant and equipment, total.....do....	4,168	1,528	656	1,172	3,948	15,193
New, total.....do....	3,406	1,209	579	1,138	3,661	14,008
New structures and additions to plant.....do....	1,196	164	199	534	868	5,478
New machinery and equipment.....do....	2,210	1,045	380	604	2,793	8,530
Used plant and equipment.....do....	762	319	112	34	287	1,185

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2441	Nailed wooden boxes and shooks:											
	Number of establishments.....	885	323	134	170	146	77	26	8	1	...	...
	All employees:											
	Number.....	20,916	662	901	2,384	4,538	5,368	4,021	<u>3,042</u>	(D)	...	...
	Payroll.....\$1,000..	68,517	1,876	2,868	7,015	14,487	17,762	11,932	<u>12,577</u>	(D)	...	...
	Value added, adjusted..do....	102,248	3,817	5,290	11,006	21,203	25,105	18,272	<u>17,555</u>	(D)	...	...
	Value of shipments.....do....	235,709	9,326	12,940	27,849	47,483	58,718	40,665	<u>38,728</u>	(D)	...	...
	Capital expend., new...do....	3,406	( <sup>1</sup> )	( <sup>1</sup> )	639	513	787	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...
2442	Wirebound boxes and crates:											
	Number of establishments.....	98	21	10	8	6	21	20	11	1	...	...
	All employees:											
	Number.....	9,366	36	67	98	161	1,529	3,159	<u>4,316</u>	(D)	...	...
	Payroll.....\$1,000..	26,113	95	193	191	426	5,468	8,767	<u>10,973</u>	(D)	...	...
	Value added, adjusted..do....	43,109	233	392	309	787	9,011	15,295	<u>17,082</u>	(D)	...	...
	Value of shipments.....do....	93,388	502	867	593	2,008	20,457	32,826	<u>36,135</u>	(D)	...	...
	Capital expend., new...do....	1,209	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...
2443	Veneer and plywood containers:											
	Number of establishments.....	105	19	9	12	30	20	12	2	1	...	...
	All employees:											
	Number.....	5,416	41	62	181	954	1,356	<u>2,822</u>	(D)	(D)	...	...
	Payroll.....\$1,000..	12,850	99	140	389	2,385	3,434	<u>6,403</u>	(D)	(D)	...	...
	Value added, adjusted..do....	18,323	203	174	577	3,385	5,300	<u>8,684</u>	(D)	(D)	...	...
	Value of shipments.....do....	30,271	374	363	1,063	5,688	8,737	<u>14,046</u>	(D)	(D)	...	...
	Capital expend., new...do....	579	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...
2445	Cooperage:											
	Number of establishments.....	190	88	35	32	18	6	9	2	...	...	...
	All employees:											
	Number.....	3,871	177	248	434	521	455	<u>2,036</u>	(D)	...	...	...
	Payroll.....\$1,000..	14,268	594	637	1,393	1,595	1,534	<u>8,515</u>	(D)	...	...	...
	Value added, adjusted..do....	19,843	1,243	1,315	2,085	2,560	1,922	<u>10,718</u>	(D)	...	...	...
	Value of shipments.....do....	70,070	4,021	3,351	6,310	8,476	10,024	<u>37,888</u>	(D)	...	...	...
	Capital expend., new...do....	1,138	( <sup>1</sup> )	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	<u>633</u>	(D)	...	...	...
2491	Wood preserving:											
	Number of establishments.....	306	73	36	49	64	60	21	3	...	...	...
	All employees:											
	Number.....	10,933	157	248	682	2,085	4,341	2,603	817	...	...	...
	Payroll.....\$1,000..	36,625	483	744	2,204	7,342	15,021	8,513	2,318	...	...	...
	Value added, adjusted..do....	72,508	1,006	1,532	4,610	16,628	31,213	14,833	2,686	...	...	...
	Value of shipments.....do....	202,957	2,297	3,828	12,980	42,136	87,371	43,180	11,165	...	...	...
	Capital expend., new...do....	3,661	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	678	1,251	955	( <sup>1</sup> )	...	...	...
2499	Wood products, nec:											
	Number of establishments.....	2,725	1,155	535	437	392	139	56	9	2	...	...
	All employees:											
	Number.....	46,434	2,295	3,545	6,040	12,131	9,138	8,343	<u>4,942</u>	(D)	...	...
	Payroll.....\$1,000..	162,622	6,376	11,392	19,827	40,113	34,901	30,161	<u>19,852</u>	(D)	...	...
	Value added, adjusted..do....	267,014	13,326	20,503	32,947	65,390	49,788	54,545	<u>30,515</u>	(D)	...	...
	Value of shipments.....do....	522,333	26,588	41,514	64,924	130,268	97,811	98,988	<u>62,240</u>	(D)	...	...
	Capital expend., new...do....	14,008	2,264	1,178	2,186	2,791	2,314	1,949	<u>1,326</u>	(D)	...	...

<sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. E Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2441	Nailed wooden boxes and shook...1958..	255,709	190,929	26,680	18,100	88	226,997	190,929	36,068	84
2442	Wirebound boxes and crates.....1958..	93,388	79,454	7,108	6,826	92	86,362	79,454	6,908	92
2443	Veneer and plywood containers...1958..	30,271	26,631	2,016	1,624	93	30,225	26,631	3,594	88
	1954..	32,787	27,911	2,579	2,297	91	31,602	27,911	3,691	88
2445	Cooperage.....1958..	70,070	66,419	3,031	620	95	67,479	66,419	1,060	98
	1954..	61,189	57,494	2,073	1,622	97	58,308	57,494	814	99
2491	Wood preserving.....1958..	202,957	193,101	3,127	6,729	98	201,307	193,101	8,206	96
	1954..	193,210	181,478	5,569	6,163	97	183,266	181,478	1,788	99
2499	Wood products, nec.....1958..	522,333	437,328	51,238	33,767	90	499,089	437,328	61,761	88

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

## MANUFACTURES-INDUSTRY STATISTICS

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Nailed wooden boxes and shook (SIC 2441)	Wirebound boxes and crates (SIC 2442)	Veneer and plywood containers (SIC 2443)	Cooperage (SIC 2445)	Wood preserving (SIC 2491)	Wood products, nec (SIC 2499)	Other industries	All industries
	Total shipments and receipts of the industry.....	235,709	93,388	30,271	70,070	202,957	522,333	xxx	xxx
	Wooden containers and miscellaneous wood products.....	200,145	83,955	28,132	66,980	193,202	442,399	96,646	1,111,459
24411	Nailed and lock corner wooden boxes.....	78,122	720	(D)	(D)	...	1,465	4,440	85,461
24412	Box shook: fruit, vegetable, industrial, etc.....	94,080	888	449	...	...	2,234	24,348	121,999
24410	Nailed and lock corner wooden boxes and shook, nsk..	18,727	(D)	...	...	...	(D)	329	19,537
24420	Wirebound boxes made from lumber.....	3,534	79,454	(D)	...	...	(D)	2,842	86,362
24430	Veneer and plywood containers, except boxes and crates.....	453	2,591	26,631	...	...	527	23	30,225
24450	Slack and tight cooperage.....	(D)	...	...	66,419	...	(D)	1,026	67,479
24911	Wood owned and treated by same establishment.....	...	...	...	...	167,118	(D)	( <sup>1</sup> )	174,707
24919	Contract wood preserving.....	...	...	...	...	23,743	(D)	(D)	24,276
24910	Wood preserving, nsk.....	...	...	...	...	2,240	...	84	2,324
24991	Mirror and picture frames.....	...	...	...	...	...	56,525	824	57,349
24992	Pallets and skids.....	4,301	(D)	(D)	...	...	33,814	5,307	43,696
24993	Particle board.....	...	...	...	...	...	14,335	3,010	17,345
24994	Cork products.....	...	...	...	...	...	13,636	<sup>2</sup> 16,999	30,635
24995	Wood products, nec.....	497	(D)	(D)	(D)	(D)	239,092	26,559	266,602
24990	Wood products, nec, nsk.....	(D)	...	...	...	(D)	79,926	3,127	83,462
	Other products.....	<sup>3</sup> 17,464	2,607	515	2,470	3,026	46,167	xxx	xxx
2421-	Sawmill and planing mill products.....	(D)	(D)	(D)	(D)	(D)	7,660	xxx	xxx
24262	Hardwood dimension stock, furniture parts, and vehicle stock.....	(D)	...	...	...	(D)	6,533	xxx	xxx
	Other secondary products.....	13,394	(D)	(D)	(D)	2,137	31,974	xxx	xxx
	Miscellaneous receipts.....	18,100	6,826	1,624	620	6,729	33,767	xxx	xxx
93000	Contract work.....	839	(D)	(D)	62	1,882	3,195	xxx	xxx
99980	Repair work and other receipts.....	1,628	(D)	(D)	132	194	11,653	xxx	xxx
99989	Resales of products manufactured by others.....	15,643	6,460	1,573	426	4,653	18,919	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes \$6,597 thousand produced in Industry 2421, Sawmills and Planing Mills.

<sup>2</sup>Includes \$9,427 thousand produced in Industry 3461, Metal Stampings.

<sup>3</sup>Includes an amount between \$1 million and \$5 million of dressed lumber.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2441---	Nailed wooden boxes and shook, total.....	.....	xxx	226,997	xxx	<sup>1</sup> 283,380
24411--	Nailed and lock corner wooden boxes.....	.....	xxx	85,461	xxx	134,659
2441111	Cigar boxes, wooden and part wooden.....	1,000 boxes.....	20,932	2,534	66,612	8,172
2441121	Nailed or lock corner boxes made from lumber: For fruits and vegetables:					
	Quantity reported.....	1,000 bd. ft....	69,403	9,750	} 105,348	15,871
	Quantity not reported.....	.....	xxx	2,750		
2441131	For milk bottles and cartons.....	1,000 boxes.....	2,644	6,367	2,680	7,194
2441151	For industrial and other uses:					
	Quantity reported.....	1,000 bd. ft....	141,393	28,420	330,472	56,232
	Quantity not reported.....	.....	xxx	7,555	xxx	18,059
2441161	Nailed or lock corner boxes made from veneer and plywood: For fruits and vegetables.....	.....	(NA)	3,161	(NA)	3,560
2441171	For industrial and other uses.....	1,000 sq.ft. surf. meas.....	(NA)	9,527	86,880	16,248
2441181	Combination wood and fiber boxes.....	.....	(NA)	6,343	(NA)	9,343
2441189	Nailed and lock corner wooden boxes, nsk.....	.....	xxx	9,054	xxx	( <sup>2</sup> )
24412--	Box shook: fruit, vegetable, industrial, etc.....	.....	xxx	121,999	xxx	148,721
2441211	Lumber: For fruits and vegetables:					
	Quantity reported.....	1,000 bd. ft....	458,154	37,354	} 567,240	55,635
	Quantity not reported.....	.....	xxx	4,963		
2441215	For industrial and other uses.....	1,000 bd. ft....	375,928	44,051	440,502	52,929
2441231	Veneer: For fruits and vegetables.....	.....	(NA)	11,486	(NA)	9,672
2441233	For meat (other than canned).....	.....	(NA)	3,024	(NA)	3,690
2441239	For industrial and other uses:					
	Quantity reported.....	1,000 sq. ft. surf. meas.....	} 78,814	9,537	{ (NA) xxx	7,128 715
	Quantity not reported.....	.....				
2441251	} Plywood, for fruits, vegetables, industrial and other uses.....	1,000 sq. ft. surf. meas.....	97,505	5,755	(NA)	12,782
2441259		.....	xxx	5,829	xxx	6,170
2441200	Material and usage, nsk.....	.....	xxx	19,537	xxx	( <sup>2</sup> )
2441000	Nailed wooden boxes and shook, nsk.....	.....	xxx	86,362	xxx	<sup>3</sup> 90,578
2442---	Wirebound boxes and crates, total.....	.....	xxx	86,362	xxx	<sup>3</sup> 90,578
2442011	Wirebound boxes made from lumber:					
	Quantity reported.....	1,000 containers	4,089	9,913	} 8,946	14,179
	Quantity not reported.....	.....	xxx	1,101		
2442021	Wirebound boxes made from veneer and plywood:					
	For fruits and vegetables.....	1,000 containers	72,142	27,238	100,664	36,294
2442031	For meat (other than canned).....	..do.....	13,825	7,008	15,255	7,782
2442051	For poultry.....	..do.....	44,990	18,465	29,188	10,703
2442071	For industrial and other uses.....	..do.....	20,121	21,382	22,241	21,620
2442000	Wirebound boxes and crates, nsk.....	.....	xxx	<sup>4</sup> 1,255	xxx	( <sup>2</sup> )
2443---	Veneer and plywood containers, total.....	.....	xxx	30,225	xxx	31,602
2443011	Veneer and plywood containers (pails, drums, tubs, etc.).....	.....	(NA)	957	xxx	( <sup>5</sup> )
2443031	Fruit and vegetable baskets and hampers:					
	Hampers:					
	Quantity reported.....	1,000.....	12,253	3,577	} 20,134	4,892
	Quantity not reported.....	.....	xxx	1,256		
2443041	Continuous stave baskets:					
	Quantity reported.....	1,000.....	22,193	6,464	} 39,421	9,627
	Quantity not reported.....	.....	xxx	966		
2443051	Short stave baskets.....	1,000.....	20,337	6,789	35,984	7,686
2443061	Berry cups and tills:					
	Quantity reported.....	..do.....	257,755	4,078	} 249,356	3,137
	Quantity not reported.....	.....	xxx	504		
2443081	Other (including climax and splint baskets), and baskets nsk.....	.....	xxx	5,634	xxx	6,260
2445---	Cooperage, total.....	.....	xxx	67,479	xxx	58,308
2445012	Slack cooperage (hogsheads, barrels, and kegs, including recoopered used slack barrels and kegs):					
	Quantity reported.....	1,000 units.....	5,110	6,781	} xxx	15,310
	Quantity not reported.....	.....	xxx	1,244		
2445051	Tight cooperage, hogsheads, barrels, and kegs, for--					
	Bourbon and other whiskey.....	1,000 units.....	1,980	40,518	1,762	34,010
2445059	Other tight cooperage including recoopered used tight barrels, kegs, etc.....	.....	(NA)	9,783	xxx	7,414
2445000	Cooperage, nsk.....	.....	xxx	9,153	xxx	1,574

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Value of shipments and receipts (\$1,000)				
		1958		1954		
2491---	Wood preserving, total.....		201,307		183,266	
2491111	Receipts from sales and transfers of wood owned and treated by same establishment.....		174,707		156,530	
2491911	Receipts for treating wood owned by other establishments.....		24,276		26,736	
2491000	Wood preserving, nsk.....		2,324		...	
			Total shipments including interplant transfers			
		Unit of measure	1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2499---	Wood products, nec, total.....		xxx	499,089	xxx	<sup>e</sup> 416,019
24991--	Mirrors and picture frames.....		xxx	57,349	xxx	45,012
	Frames for mirrors and pictures:					
2499111	Wood.....		xxx	12,620	xxx	9,871
2499115	Metal.....		xxx	10,723	xxx	8,092
2499121	Finished moldings for mirrors and pictures:					
	Quantity reported.....	1,000 lin. ft...	98,441	6,394	61,742	4,209
	Quantity not reported.....		xxx	1,306	xxx	1,501
2499151	Framed pictures.....		xxx	15,408	xxx	14,452
2499100	Mirror and picture frames, nsk.....		xxx	10,898	xxx	6,887
24992--	Pallets and skids.....		xxx	43,696	xxx	32,452
2499261	Pallets, wooden:					
	Quantity reported.....	1,000.....	9,931	21,781	9,093	20,144
	Quantity not reported.....		xxx	6,923	xxx	3,747
2499263	Pallets, wood and metal, combination.....	1,000.....	(NA)	1,123	549	1,422
2499265	Skids, wooden:					
	Quantity reported.....	1,000.....	} 4,010	7,913	{ 2,319 xxx	4,113 737
	Quantity not reported.....					
2499267	Skids, wood and metal combination:					
	Quantity reported.....	1,000.....	239	1,077	} 261	2,289
	Quantity not reported.....		xxx	286		
2499200	Pallets and skids, nsk.....		xxx	4,593	xxx	(7)
24993--	Particle board (includes machine wood board made from splinters, flakes, shavings, or other wood residue) by process.....		xxx	17,345	xxx	(8)
		1,000 sq. ft.				
2499361	Platen.....	3/4" basis....	114,002	15,749	xxx	(8)
2499365	Extruded.....	..do.....	11,223	1,596	xxx	(8)
24994--	Cork products.....		xxx	30,635	xxx	44,821
2499411	Cork stoppers of all kinds.....		(NA)	686	xxx	3,935
2499423	Cork disks and washers.....		(NA)	8,493	xxx	(8)
2499431	Cork insulation products (blocks, slabs, planks, boards, pipe coverings, fitting covers, cork lags, etc.).....		(NA)	4,413	xxx	12,899
2499453	Cork floor and wall covering.....	1,000 sq. yds...	(NA)	2,902	1,761	4,853
2499498	Other articles made of natural, granulated and composition cork (shoe fittings, life preserver blocks, cork flats, life preservers, expansion joint material, newspaper mats, novelties, sheets, blocks, etc., except cork floor and wall covering).....		(NA)	11,946	(NA)	<sup>9</sup> 22,097
2499400	Cork products, nsk.....		xxx	2,195	xxx	1,037
24995--	Wood products, nec.....		xxx	266,602	xxx	277,387
	Rattan and willow ware, except furniture:					
2499511	Baskets other than fruit or vegetable baskets (reed, rattan, willow, veneer, or splint).....		xxx	3,322	xxx	8,126
2499519	Other rattan and willow ware products, except furniture and baskets and handbags.....		xxx	107,800	xxx	2,715
	Lasts and related products:					
2499531	Lasts for boots and shoes, wood only.....	1,000 pairs....	3,082	14,868	2,082	8,058
2499539	Related products (aluminum lasts for boots and shoes, remodeled last sole patterns; and forms, shoe trees and stretchers for boots and shoes) and lasts and related products, nsk.....		xxx	7,066	xxx	4,327
	Hand tool handles:					
2499551	Striking tool handles:	1,000 bd. ft.				
	Quantity reported.....	lbr. cons.....	} (NA)	8,408	{ 29,229 xxx	6,571 2,557
	Quantity not reported.....					
2499553	Lifting and pulling tool handles (fork, rake, spade, shovel, etc.):	1,000 bd. ft.				
	Quantity reported.....	lbr. cons.....	} (NA)	4,841	{ 9,542 xxx	1,763 1,494
	Quantity not reported.....					
2499555	Other hand tool handles (peavey, scythe, shunt pole, canthook, and other mechanics, farm, garden, household, etc.):	1,000 bd. ft.				
	Quantity reported.....	lbr. cons.....	16,941	4,833	16,100	4,045
	Quantity not reported.....		xxx	1,258	xxx	1,597
2499559 } 2499550 }	Other handles and handles, nsk.....		xxx	18,851	xxx	15,715

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
249951	Wood products, nec--Continued					
249951	Clothespins.....	1,000 gross.....	6,754	4,591	xxx	(7)
249952	Dowel and dowel pins.....	.....	xxx	8,702	xxx	(7)
249953	Pencil slats.....	.....	xxx	8,674	xxx	(7)
249954	Toothpicks.....	.....	xxx	1,965	xxx	(7)
249955	Spools (excluding textile machinery spools).....	.....	xxx	1,266	xxx	(7)
249956	Tanks and vats, wooden, except coopered.....	.....	xxx	6,568	xxx	7,218
249957	Stepladders:					
	Quantity reported.....	1,000 lin. ft...	10,001	9,085	} 12,314	9,118
	Quantity not reported.....	.....	xxx	1,862		
249957	Rung ladders (nonextension, extension, and scaffolding ladders):					
	Quantity reported.....	1,000 lin. ft...	11,810	8,325	} 14,823	10,401
	Quantity not reported.....	.....	xxx	2,048		
249959	Other scaffolding equipment (horses, scaffold jacks, extension planks, window jacks, etc.), wooden ladders and scaffolding equipment, nsk...	.....	xxx	2,428	xxx	2,591
249957		.....	xxx	12,169	xxx	9,974
249958	Wood novelties and specialties (bookends, ash trays, etc.).....	.....	xxx	5,361	xxx	6,900
249953	Woodenware; turned, shaped, or molded (dishes, serving forks, spoons, salad and mixing bowls, etc.).....	.....	xxx	8,803	xxx	9,954
249954	Flat veneer products (forks, spoons, plates, tongue depressors, applicators, etc.).....	.....	xxx	8,079	xxx	4,524
249958	Wooden reels for wire and cable.....	.....	xxx			
249957	Toilet seats:					
	Quantity reported.....	1,000.....	} 8,439	26,995	{ 6,003	24,343
	Quantity not reported.....	.....				
249959	Wood flour.....	.....	xxx	3,172	xxx	(7)
249959	Other fabricated industrial parts, except hardwood:					
	Quantity reported.....	1,000 bd. ft.	} (NA)	7,327	{ 23,476	3,562
	Quantity not reported.....	lbr. cons.....				
249958	Miscellaneous wooden goods and turnings, nec, including snow fence; and miscellaneous wooden goods, nsk.....	.....	xxx	1167,935	xxx	130,037
249900	Wood products, nec, nsk.....	.....	xxx	1283,462	xxx	16,347

NA Not available.

<sup>1</sup>Represents the 1954 value of products that are now classified in Industry 2441, Nailed Wooden Boxes and Shook.<sup>2</sup>In 1954 included with product code 2444000, boxes, nsk, and valued at \$14,573.<sup>3</sup>This value equals the sum of the 1954 product classes, 24443, Wirebound boxes made from lumber (\$14,179 thousand) and 24444, Wirebound boxes made from veneer and plywood (\$76,399 thousand).<sup>4</sup>Includes \$920 thousand of product code 2499598, rattan and willow ware, nsk, that were erroneously coded in Industry 2442, Wirebound Boxes and Crates. This classification error involves small establishments only, corrections were not made because they are not considered statistically significant.<sup>5</sup>In 1954 included with product code 2443081, baskets, nsk.<sup>6</sup>Represents the 1954 value of products that are now classified in Industry 2499, Wood Products, NEC.<sup>7</sup>In 1954 included with product code 2499000, wood products, nsk.<sup>8</sup>Particle board was not reported separately in 1954, but was included with product code 2432498, other plywood type products.<sup>9</sup>Product code 2499423, cork disks and washers, are included with product code 2499498, other articles made of cork, for 1954.<sup>10</sup>Excludes \$920 thousand of rattan and willow ware, nsk, erroneously coded to Industry 2442, see footnote 4.<sup>11</sup>Includes less than \$500 thousand of wood battery separators, for which exact figures cannot be shown to avoid disclosing figures for individual companies.<sup>12</sup>Includes \$5,137 thousand of product code 2426200, hardwood dimension stock, furniture parts and vehicle stock, produced in 88 establishments, for which classification adjustments were not made because they are not considered statistically significant.

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>2</sup>Shipments of less than \$1 million reported.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958 <sup>1</sup>					
			Received from other establishments		Quantity produced and consumed in the same establishment	Received from other establishments		Quantity produced and consumed in the same establishment
			Quantity	Delivered cost (\$1,000)		Quantity	Delivered cost (\$1,000)	
			INDUSTRY 2441—NAILED AND LOCK CORNER BOXES AND SHOOK			INDUSTRY 2442—WIREBOUND BOXES AND CRATES		
	Materials, containers, supplies, total.....		xxx	113,023	xxx	xxx	43,489	xxx
241115	Logs and bolts.....	1,000 ft. (log scale).....	227,394	8,392	24,150	128,175	7,271	18,093
242111	Rough lumber:							
242115	Hardwood.....	1,000 bd. ft...	210,848	11,785	74,243	74,890	4,544	25,697
	Softwood.....	....do.....	367,925	24,785	27,224	11,290	821	xxx
242121	Dressed lumber:							
	Hardwood:							
	Quantity reported.....	....do.....	45,612	4,167	xxx	49,156	3,453	
	Quantity not reported.....	....do.....	xxx	xxx	xxx	xxx	609	xxx
242125	Softwood:							
	Quantity reported.....	1,000 bd. ft...	194,800	9,773	xxx	19,591	1,317	
	Quantity not reported.....	....do.....	xxx	3,081	xxx	xxx	xxx	xxx
242213	Hardwood veneer.....	1,000 sq. ft. surf. meas....	202,551	3,520	383,115	683,420	9,217	488,931
242217	Softwood veneer.....	1,000 bd. ft....	9,680	771	(D)	13,972	1,560	(D)
243214	Hardwood plywood.....	1,000 sq. ft. surf. meas....	22,939	1,535	59,868	xxx	124	xxx
243215	Softwood plywood.....	1,000 sq. ft. 3/8" basis....	21,949	2,016	(D)			
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	21,494	xxx	xxx	12,231	xxx
973000	All other materials, components, parts, containers and supplies consumed.....		xxx	21,704	xxx	xxx	2,342	xxx
			1958			1954		
			Received from other establishments		Quantity produced and consumed in the same establishment	Received from other establishments		Quantity produced and consumed in the same establishment
			Quantity	Delivered cost (\$1,000)		Quantity	Delivered cost (\$1,000)	
			INDUSTRY 2443—VENEER AND PLYWOOD CONTAINERS					
	Materials, containers, supplies, total.....		xxx	10,093	xxx	xxx	311,102	xxx
241115	Logs and bolts.....	1,000 ft. (log scale).....	66,735	4,174	8,100	79,927	4,186	13,018
242111-15	Rough lumber.....	1,000 bd. ft....	(NA)	838	(D)	7,010	486	9,231
242121-25	Dressed lumber.....	....do.....		265		3,148	255	xxx
242213-242217	Veneer, softwood and hardwood.....		xxx	517	xxx	xxx	(4)	xxx
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	3,172	xxx	xxx	6,175	xxx
973000	All other materials, components, parts, containers and supplies consumed, nsk.....		xxx	21,127	xxx	xxx	(4)	xxx

Code	Material	Unit of measure	1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2445—COOPERAGE			
	Materials, parts, containers and supplies, total.....		xxx	48,255	xxx	38,089
241115	Logs and bolts.....	1,000 ft. (log scale).....	17,732	1,174	18,525	858
970099	All other materials, parts, containers and supplies consumed.....		xxx	36,893	xxx	37,231
973000	All other materials, parts, containers and supplies consumed, nsk.....		xxx	210,188	xxx	xxx
			INDUSTRY 2491—WOOD PRESERVING			
	Materials, containers and supplies, total.....		xxx	117,946	xxx	116,372
	TREATED IN THIS ESTABLISHMENT					
241121	Poles, piling, and other round or hewn wood products.....		xxx	44,569	xxx	39,925
	Rough lumber:					
242111	Hardwood.....	1,000 bd. ft...	213,194	12,808	221,067	13,547
242115	Softwood.....	....do.....	(NA)	13,752	227,027	16,681
	CONSUMED IN THIS ESTABLISHMENT					
282111	Creosote oil.....	1,000 gal.....	115,616	26,123	124,907	27,632
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	15,505	xxx	18,587
973000	All other materials, components, parts, containers and supplies consumed, nsk.....		xxx	5,189	xxx	xxx

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Unit of measure	1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2499—WOOD PRODUCTS, NEC			
	Materials, containers and supplies, total.....		xxx	229,895	xxx	204,621
241115	Logs and bolts:					
	Quantity reported.....	1,000 ft. (log scale).....	232,834	16,420	187,217	512,028
	Quantity not reported.....	...do.....	xxx	2,668		
	Rough lumber:					
242111	Hardwood.....	1,000 bd. ft...	240,837	18,349	259,114	521,966
242115	Softwood.....	...do.....	224,156	21,002	246,161	521,001
	Dressed lumber:					
242121	Hardwood.....	...do.....	75,264	7,182	84,634	58,094
242125	Softwood:					
	Quantity reported.....	1,000 bd. ft...	115,583	10,379	92,878	58,951
	Quantity not reported.....	.....do.....	xxx	1,832		
242131	Rough, surfaced, or semifabricated hardwood dimension.....	1,000 bd. ft...	(NA)	7,819	45,511	56,343
242179	Chips, slabs, edgings, shavings, sawdust, and other wood wastes..	.....do.....	xxx	2,866	xxx	(4)
084231	Raw cork (unmanufactured cork wood or bark, and cork waste, shavings and refuse).....	1,000 lbs.....	56,392	3,828	152,856	59,726
970099	All other materials, components, parts, containers and supplies consumed.....	.....do.....	xxx	70,833	xxx	582,470
973000	All other materials, components, parts, containers and supplies consumed, nsk.....	.....do.....	xxx	66,717	xxx	634,042

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>1954 data are not available.<sup>2</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."<sup>3</sup>Revised.<sup>4</sup>Included with "All other materials, components, parts, containers and supplies consumed," material code 970099, in 1954.<sup>5</sup>Represents the cost of reported materials for the old Industry 2499, Wood Products, nec, and Industry 3982, Cork Products, only.<sup>6</sup>Represents the sum of material costs for those establishments classified in the old Industry 2442, Rattan and Willow-Ware, (\$11,202,000) Industry 2492, Laths and Related Products (\$3,588,000) and Industry 2493, Mirror and Picture Frames, (\$19,252,000).



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
24-1	NAILED WOODEN BOXES AND SHOOK (entire industry).....	885	20,916	68,517	18,427	35,625	55,093	102,248	132,917	235,709	3,406
	Establishments with:										
	90% or more specialization.....	728	13,813	43,684	12,208	23,125	35,550	67,625	88,998	157,035	2,298
	75-89% specialization.....	54	2,467	8,384	2,168	4,287	6,433	12,774	12,176	24,831	( <sup>1</sup> )
24411	Nailed and lock corner wooden boxes (primary product class of estab.)..	398	9,023	30,611	7,881	15,429	23,902	43,648	56,635	101,196	1,365
	Establishments with:										
	90% or more specialization....	274	4,367	14,429	3,869	7,435	11,367	22,065	28,991	51,510	588
	75-89% specialization.....	41	1,032	3,055	887	1,713	2,301	4,342	4,218	8,557	( <sup>1</sup> )
24412	Box shook: fruit, vegetable industrial, etc. (primary product class of estab.).....	247	9,920	32,322	8,865	17,103	26,570	49,983	65,350	115,006	1,330
	Establishments with:										
	90% or more specialization....	179	5,328	16,149	4,789	8,907	13,625	27,479	32,675	59,718	641
	75-89% specialization.....	20	2,154	7,478	1,918	3,811	5,963	11,778	14,448	26,085	( <sup>1</sup> )
2442	WIREBOUND BOXES AND CRATES (entire industry).....	98	9,366	26,113	8,516	16,342	20,957	43,109	50,537	93,388	1,209
	Establishments with:										
	90% or more specialization.....	80	7,065	19,403	6,439	12,127	15,657	33,891	39,713	73,199	905
	75-89% specialization.....	7	634	1,752	577	1,046	1,387	3,092	4,000	7,307	( <sup>1</sup> )
2443	VENEER AND PLYWOOD CONTAINERS (entire industry).....	105	5,416	12,850	5,059	9,245	11,013	18,323	11,939	30,271	579
	Establishments with:										
	90% or more specialization.....	85	4,033	9,446	3,779	6,950	8,135	13,723	8,539	21,864	( <sup>1</sup> )
	75-89% specialization.....	10	1,059	2,632	987	1,735	2,230	3,632	2,443	6,222	( <sup>1</sup> )
2445	COOPERAGE (entire industry).....	190	3,871	14,268	3,435	6,531	12,029	19,843	49,358	70,070	1,138
	Establishments with:										
	90% or more specialization.....	178	3,419	12,606	3,025	5,687	10,676	16,966	45,197	62,942	1,095
2491	WOOD PRESERVING (entire industry).....	306	10,933	36,625	9,173	17,877	28,064	72,508	127,853	202,957	3,661
	Establishments with:										
	90% or more specialization.....	292	10,224	34,499	8,570	16,697	26,433	69,788	121,989	194,547	3,245
24911	Wood owned and treated by same establishment (primary product class of estab.).....	234	9,896	33,175	8,304	16,332	25,365	65,489	121,284	189,015	3,410
	Establishments with:										
	90% or more specialization....	156	6,182	19,958	5,180	10,373	15,213	41,956	77,814	121,895	2,171
	75-89% specialization.....	38	1,999	7,059	1,670	3,177	5,462	12,289	24,698	37,336	700
24919	Contract wood preserving (primary product class of estab.).....	51	861	2,920	725	1,279	2,829	6,100	5,101	11,484	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	34	494	1,720	419	778	1,392	3,151	3,041	6,115	( <sup>1</sup> )
	75-89% specialization.....	4	39	122	33	51	99	177	67	554	( <sup>1</sup> )
2499	WOOD PRODUCTS, NEC (entire industry)...	2,725	46,434	162,622	39,517	76,562	125,030	267,014	254,799	522,333	14,008
	Establishments with:										
	90% or more specialization.....	2,362	34,416	117,883	29,512	57,030	92,043	199,016	185,055	384,747	11,398
	75-89% specialization.....	106	3,523	11,715	2,939	5,671	8,841	17,291	21,160	38,876	626
24991	Mirror and picture frames (primary product class of estab.).....	346	5,779	22,429	4,785	9,296	15,988	37,833	27,140	64,470	804
	Establishments with:										
	90% or more specialization....	323	4,153	15,664	3,542	6,838	11,947	26,943	20,719	47,448	749
	75-89% specialization.....	9	492	1,802	422	842	1,207	2,724	2,298	5,054	( <sup>1</sup> )
24992	Pallets and skids (primary product class of estab.).....	316	4,639	13,683	4,043	7,421	11,201	20,796	25,025	45,929	1,033
	Establishments with:										
	90% or more specialization....	234	2,896	8,254	2,554	4,571	6,866	12,791	16,002	28,833	653
	75-89% specialization.....	30	568	1,487	462	881	1,225	2,218	2,677	4,962	( <sup>1</sup> )
24993	Particle board (primary product class of estab.).....	20	1,639	7,472	1,398	2,807	5,959	13,519	12,200	25,252	675

<sup>1</sup>Revised.    <sup>1</sup>Less than \$500 thousand.





# Major Group 25.—Furniture and Fixtures

This major group includes establishments engaged in manufacturing household, office, public-building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of mill-

work are classified in Industry 2431, and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

Table 1.—GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees <sup>1</sup>		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total <sup>3</sup> .....	(NA)	(NA)	350,585	1,410,862	287,489	565,142	1,021,844	2,349,488	81,746
Administrative and auxiliary establishments <sup>4</sup> .....	(NA)	(NA)	2,986	22,193	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	10,160	3,175	347,599	1,388,669	287,489	565,142	1,021,844	2,349,488	81,746
Operating manufacturing establishments (based on old SIC).....	10,517	3,276	357,775	1,435,195	295,197	580,586	1,051,940	2,435,680	85,100
Operating manufacturing establishments:									
1957 <sup>5</sup> .....	(NA)	(NA)	374,850	1,431,976	310,587	617,856	1,048,610	2,513,910	86,931
1956 <sup>5</sup> .....	(NA)	(NA)	376,363	1,417,202	315,306	637,953	1,056,720	2,510,403	91,507
1955 <sup>5</sup> .....	(NA)	(NA)	365,675	1,328,800	308,876	627,094	996,322	2,306,048	79,243
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	342,443	1,210,685	286,649	571,294	892,891	1,997,506	61,945
Administrative and auxiliary establishments <sup>4</sup> .....	(NA)	(NA)	1,749	13,309	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	10,273	3,012	340,694	1,197,376	286,649	571,294	892,891	1,997,506	61,945
Operating manufacturing establishments:									
1953 <sup>5</sup> .....	(NA)	(NA)	360,842	1,259,319	309,910	629,451	972,725	2,046,805	59,490
1952 <sup>5</sup> .....	8,778	(NA)	331,661	1,122,754	284,527	588,597	853,440	1,904,405	55,200
1951 <sup>5</sup> .....	8,369	(NA)	336,064	1,077,015	290,412	590,369	818,177	1,804,157	55,444
1950 <sup>5</sup> .....	7,934	(NA)	345,912	1,012,877	295,533	616,829	774,085	1,666,898	58,087
1949 <sup>5</sup> .....	(NA)	(NA)	309,817	862,247	269,455	549,406	653,087	1,411,788	41,015
1947 <sup>5</sup> .....	7,551	(NA)	316,273	806,948	277,909	583,572	641,673	1,346,277	77,441
1939.....	5,178	(NA)	(NA)	(NA)	189,382	(NA)	186,820	417,785	(NA)
1937 <sup>6</sup> .....	4,469	(NA)	(NA)	(NA)	198,464	(NA)	201,570	424,355	(NA)
1935.....	4,319	(NA)	171,116	171,374	151,057	(NA)	133,020	273,802	(NA)
1933.....	3,491	(NA)	137,308	110,605	123,242	(NA)	90,528	192,834	(NA)
1931.....	4,584	(NA)	(NA)	(NA)	146,910	(NA)	146,958	321,582	(NA)
1929.....	5,491	(NA)	248,321	358,680	219,328	(NA)	275,997	614,533	(NA)
1927.....	4,666	(NA)	237,042	338,356	210,018	(NA)	265,788	569,114	(NA)
1925 <sup>7</sup> .....	4,776	(NA)	231,536	321,279	204,398	(NA)	253,623	561,553	(NA)
1923.....	4,532	(NA)	216,824	292,740	191,904	(NA)	232,061	510,299	(NA)
1921.....	4,326	(NA)	161,880	213,551	142,020	(NA)	164,771	346,971	(NA)
1919.....	4,821	(NA)	183,274	214,008	159,479	(NA)	161,674	365,903	(NA)
1914.....	4,844	(NA)	168,730	109,717	149,441	(NA)	84,200	174,295	(NA)
1909 <sup>8</sup> .....	4,337	(NA)	(NA)	(NA)	142,340	(NA)	72,736	150,848	(NA)
1904.....	3,497	(NA)	136,840	68,779	126,537	(NA)	57,558	115,845	(NA)
1899.....	2,614	(NA)	(NA)	(NA)	98,414	(NA)	40,298	82,259	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

<sup>2</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933 cost of contract work was not subtracted from value of products in calculating value added by manufacture.

<sup>3</sup>The figures for 1939-1958 include data for establishments primarily engaged in manufacture of metal partitions, classified for earlier years in the fabricated metal products industries. Value added by manufacture for 1939, excluding data for these establishments, was \$410.7 million.

<sup>4</sup>Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these establishments are not available for the years 1955-1957 or prior to 1949.

<sup>5</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>6</sup>The figures for 1937 and later years include data for establishments primarily engaged in manufacture of venetian blinds, included for earlier years in the series for the lumber and products, except furniture industries. Value added by manufacture for 1937, excluding data for these establishments and therefore on a basis comparable with 1935, was \$417.7 million.

<sup>7</sup>The figures for 1899-1925 do not include data for establishments primarily engaged in manufacture of sewing machine cases, cabinets, and tables, classified for these years in the machinery (except electrical) industries.

<sup>8</sup>The figures for 1899-1909 do not include data for establishments primarily engaged in manufacture of window and door screens, included for these years in the series for the lumber and products, except furniture industries. Value added by manufacture for 1914, excluding data for these establishments and on a basis comparable with 1909, was \$169.4 million.

Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
25	FURNITURE AND FIXTURES: TOTAL . . . .	10 160	3 175	347 599	1 388 669	287 489	565 142	1 021 844	2 349 488	81 746	1340 694	1 966 410
	NEW ENGLAND . . . . .	648	227	18 602	74 272	15 258	29 995	53 811	118 979	5 311	19 978	108 252
	MAINE . . . . .	32	9	650	2 501	563	1 216	1 925	4 140	349	724	2 985
	NEW HAMPSHIRE . . . . .	46	18	1 643	5 983	1 359	2 690	4 438	9 433	1 604	1 873	9 537
	VERMONT . . . . .	20	12	1 497	5 729	1 312	3 043	4 513	8 380	(D)	1 358	6 012
	MASSACHUSETTS . . . . .	390	140	10 804	42 839	8 831	16 956	31 067	67 864	1 678	12 780	70 721
	RHODE ISLAND . . . . .	28	10	606	2 592	474	911	1 775	4 196	(D)	610	3 715
	CONNECTICUT . . . . .	132	38	3 402	14 628	2 719	5 179	10 093	24 966	650	2 632	15 279
	MIDDLE ATLANTIC . . . . .	2 636	699	67 851	292 981	55 445	109 470	216 295	487 600	15 414	69 678	431 010
	NEW YORK . . . . .	1 613	373	36 223	162 471	29 337	57 982	118 692	271 401	7 418	38 158	250 320
	NEW JERSEY . . . . .	388	89	8 726	38 188	7 008	13 420	27 173	64 652	1 840	8 558	56 322
	PENNSYLVANIA . . . . .	635	237	22 902	92 322	19 100	38 068	70 430	151 547	6 156	22 961	124 368
	EAST NORTH CENTRAL . . . . .	1 812	705	88 820	400 160	71 503	139 566	285 456	690 618	21 507	102 142	655 879
	OHIO . . . . .	355	128	18 877	90 300	14 933	27 838	64 948	159 644	5 000	21 353	152 027
	INDIANA . . . . .	273	153	18 616	74 020	15 657	31 153	54 814	125 747	5 082	22 117	118 467
	ILLINOIS . . . . .	618	223	24 705	113 672	19 703	39 187	80 241	188 082	5 982	27 363	179 575
	MICHIGAN . . . . .	387	140	18 032	84 795	14 323	27 944	58 741	159 267	3 943	20 737	142 067
	WISCONSIN . . . . .	179	61	8 590	37 373	6 887	13 444	26 712	57 878	1 500	10 571	63 741
	WEST NORTH CENTRAL . . . . .	521	154	13 191	55 687	10 474	20 018	38 520	92 062	2 465	13 844	82 423
	MINNESOTA . . . . .	141	36	2 524	11 679	1 951	3 719	7 737	16 688	457	2 672	16 992
	IOWA . . . . .	88	23	2 695	12 122	2 030	3 906	7 415	20 132	589	2 362	14 604
	MISSOURI . . . . .	195	71	5 756	22 367	4 715	8 883	16 717	37 900	904	6 940	38 666
	NORTH DAKOTA . . . . .	3	...	11	39	10	19	36	62	...	(*)	(*)
	SOUTH DAKOTA . . . . .	8	1	55	186	47	88	159	231	10	(*)	(*)
	NEBRASKA . . . . .	39	11	1 033	4 855	836	1 739	3 165	8 093	147	1 025	6 467
	KANSAS . . . . .	47	12	1 117	4 439	885	1 664	3 291	8 956	358	718	5 095
	SOUTH ATLANTIC . . . . .	1 435	552	79 258	255 617	68 438	136 081	196 594	442 488	16 547	68 105	320 699
	DELAWARE . . . . .	5	...	30	112	22	40	83	154	3	(*)	(*)
	MARYLAND . . . . .	121	49	4 860	17 400	3 600	6 865	12 718	29 825	643	4 299	22 696
	DISTRICT OF COLUMBIA . . . . .	11	2	142	643	83	155	310	965	9	259	1 538
	VIRGINIA . . . . .	144	71	16 355	56 132	14 113	28 260	41 335	104 669	3 462	15 290	79 987
	WEST VIRGINIA . . . . .	43	14	1 119	3 383	923	1 730	2 533	5 651	395	1 056	4 357
	NORTH CAROLINA . . . . .	466	246	39 615	122 958	35 574	70 696	98 437	210 457	7 519	33 027	145 543
	SOUTH CAROLINA . . . . .	54	18	3 326	9 366	2 562	5 371	6 972	13 926	724	2 462	10 071
	GEORGIA . . . . .	174	58	6 882	22 428	5 903	11 749	16 867	38 647	1 300	6 954	33 079
	FLORIDA . . . . .	417	94	6 929	23 195	5 658	11 215	17 339	38 194	2 492	4 696	23 197
	EAST SOUTH CENTRAL . . . . .	501	202	24 653	79 104	20 832	41 969	59 558	132 343	7 132	20 214	87 631
	KENTUCKY . . . . .	108	47	4 708	17 409	4 032	8 143	13 488	28 120	1 054	4 997	23 235
	TENNESSEE . . . . .	211	87	12 061	37 308	10 246	20 203	27 656	60 627	2 514	10 061	43 049
	ALABAMA . . . . .	110	37	2 936	8 903	2 498	4 855	6 894	15 329	1 535	1 981	8 404
	MISSISSIPPI . . . . .	72	31	4 948	15 484	4 056	8 768	11 520	28 267	2 029	3 174	12 941
	WEST SOUTH CENTRAL . . . . .	730	198	19 696	65 067	16 608	32 655	48 421	112 032	4 792	17 670	86 273
	ARKANSAS . . . . .	101	48	6 876	20 631	5 924	11 343	15 585	31 123	1 234	4 856	19 014
	LOUISIANA . . . . .	83	22	1 399	4 462	1 165	2 190	3 170	7 482	201	1 373	6 141
	OKLAHOMA . . . . .	72	9	1 112	3 515	956	1 824	2 750	6 126	398	1 620	9 511
	TEXAS . . . . .	474	119	10 309	36 459	8 563	17 298	26 916	67 301	2 959	9 819	51 606
	MOUNTAIN . . . . .	228	37	2 938	12 473	2 299	4 553	8 977	20 074	1 073	1 819	11 130
	MONTANA . . . . .	7	1	37	172	30	56	135	249	8	(*)	(*)
	IDAHO . . . . .	14	1	95	372	82	156	298	650	51	(*)	(*)
	WYOMING . . . . .	3	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	COLORADO . . . . .	78	16	1 325	5 965	960	1 876	3 983	10 165	185	876	5 194
	NEW MEXICO . . . . .	21	1	138	556	103	190	361	795	103	113	583
	ARIZONA . . . . .	59	10	696	2 756	577	1 108	2 158	4 109	212	337	1 991
	UTAH . . . . .	37	8	606	2 470	512	1 105	1 889	3 769	452	363	2 515
	NEVADA . . . . .	9	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	PACIFIC . . . . .	1 649	400	32 338	152 196	26 400	50 282	113 271	249 224	8 268	27 240	183 109
	WASHINGTON . . . . .	128	30	2 906	12 675	2 426	4 369	9 789	20 913	576	2 987	17 712
	OREGON . . . . .	90	17	1 943	8 125	1 710	3 152	6 504	13 168	272	1 841	11 745
	CALIFORNIA . . . . .	1 431	353	27 489	131 396	22 264	42 761	96 978	215 143	7 420	22 411	153 651
251	HOUSEHOLD FURNITURE: TOTAL . . . . .	6 512	2 296	251 417	942 095	212 239	417 085	706 874	1 579 626	51 071	243 932	1 320 743
	NEW ENGLAND . . . . .	452	177	14 490	56 436	12 017	23 590	40 939	90 854	3 475	16 079	86 846
	MAINE . . . . .	21	6	432	1 576	385	851	1 243	2 537	(D)	599	2 305
	NEW HAMPSHIRE . . . . .	34	15	1 270	4 209	1 049	1 988	3 116	7 250	(D)	1 528	7 502
	MASSACHUSETTS . . . . .	286	114	9 079	35 642	7 448	14 220	25 629	56 974	1 092	10 575	59 583
	CONNECTICUT . . . . .	86	28	2 122	8 930	1 764	3 362	6 262	15 463	517	1 964	10 875
	MIDDLE ATLANTIC . . . . .	1 602	460	42 645	173 732	35 304	68 492	129 538	285 861	7 378	44 622	261 116
	NEW YORK . . . . .	969	237	21 248	90 102	17 473	34 003	66 941	146 235	3 959	22 956	140 649
	NEW JERSEY . . . . .	241	60	5 989	25 019	4 848	9 054	17 747	42 764	1 124	6 291	42 751
	PENNSYLVANIA . . . . .	392	163	15 408	58 611	12 983	25 435	44 850	96 862	2 295	15 374	77 715
	EAST NORTH CENTRAL . . . . .	1 086	477	54 147	227 371	44 622	87 900	164 816	375 694	10 789	64 795	381 385
	INDIANA . . . . .	194	129	15 946	63 076	13 521	26 882	46 470	104 277	4 128	19 282	101 418
	ILLINOIS . . . . .	369	147	16 870	74 693	13 654	26 839	53 386	118 395	3 028	19 488	123 221
	MICHIGAN . . . . .	241	93	8 914	36 347	7 320	14 489	26 384	61 764	1 632	9 944	57 970
	WEST NORTH CENTRAL . . . . .	290	90	7 821	32 159	6 427	12 263	22 962	53 925	1 353	7 637	43 957
	MINNESOTA . . . . .	84	20	1 585	7 578	1 232	2 349	4 918	10 920	296	1 735	10 247
	IOWA . . . . .	51	16	1 611	6 430	1 314	2 556	4 521	10 032	345	1 541	8 086
	MISSOURI . . . . .	104	37	3 398	12 760	2 866	5 368	9 647	22 193	517	3 161	17 284
	NEBRASKA . . . . .	22	9	580	2 875	483	1 005	1 889	4 739	96	535	3 636
	KANSAS . . . . .	20	7	593	2 332	485	896	1 827	5 796	94	546	4 174

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see introduction)

Ind. code	Industry group, region, and State	1958										1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted	
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)					
251	HOUSEHOLD FURNITURE—CONTINUED												
	SOUTH ATLANTIC.....	1 072	466	68 363	215 228	60 109	119 569	169 031	373 888	13 194	57 523	264 901	
	MARYLAND.....	71	32	2 224	7 847	1 792	3 547	5 797	12 998	260	2 020	11 500	
	VIRGINIA.....	106	59	14 292	46 916	12 783	25 529	36 549	87 343	2 730	12 610	63 595	
	WEST VIRGINIA.....	29	12	945	2 648	798	1 470	2 051	4 440	82	912	3 283	
	NORTH CAROLINA.....	406	221	35 914	110 480	32 341	64 034	89 223	190 413	7 119	30 003	131 414	
	SOUTH CAROLINA.....	42	15	3 116	8 701	2 400	5 074	6 436	12 992	650	2 273	9 094	
	GEORGIA.....	121	48	6 059	19 754	5 209	10 358	14 861	33 811	1 126	(*)	(*)	
	FLORIDA.....	287	78	5 704	18 460	4 714	9 424	13 880	31 195	1 222	3 417	16 240	
	EAST SOUTH CENTRAL.....	356	177	23 104	73 920	19 563	39 581	55 727	123 581	6 290	18 431	78 456	
	KENTUCKY.....	78	41	4 442	16 543	3 808	7 742	12 788	26 594	921	4 637	21 279	
	TENNESSEE.....	153	77	11 314	34 656	9 630	19 078	25 755	56 244	2 161	9 214	38 476	
	ALABAMA.....	73	32	2 667	8 056	2 291	4 440	6 264	13 797	1 411	1 677	6 775	
	MISSISSIPPI.....	52	27	4 681	14 665	3 834	8 321	10 920	26 946	1 797	2 902	11 925	
	WEST SOUTH CENTRAL.....	432	138	14 857	46 639	12 707	24 712	35 180	80 925	2 882	12 842	59 176	
	ARKANSAS.....	78	38	6 155	18 230	5 456	10 463	14 348	27 071	872	4 474	17 304	
	LOUISIANA.....	56	17	1 136	3 477	962	1 778	2 461	5 873	131	1 139	5 044	
	OKLAHOMA.....	43	6	908	2 721	802	1 596	2 117	4 915	274	867	3 678	
	TEXAS.....	255	77	6 658	22 211	5 487	10 875	16 254	43 066	1 605	6 361	33 149	
	MOUNTAIN.....	135	25	1 800	7 384	1 484	3 016	5 315	12 217	684	1 143	7 204	
	COLORADO.....	46	12	712	3 201	581	1 159	2 117	5 895	92	568	3 442	
	ARIZONA.....	37	5	456	1 751	366	710	1 310	2 714	135	183	1 181	
	UTAH.....	23	6	452	1 723	390	869	1 353	2 544	401	237	1 853	
	PACIFIC.....	1 087	286	24 190	109 226	20 006	37 962	83 366	182 681	5 026	20 856	137 698	
	WASHINGTON.....	80	23	2 363	10 149	1 955	3 531	7 788	16 676	353	2 472	14 615	
	OREGON.....	55	13	1 602	6 467	1 421	2 586	5 153	10 470	222	1 472	9 172	
	CALIFORNIA.....	952	250	20 225	92 610	16 630	31 845	70 425	155 535	4 451	16 911	113 909	
252	OFFICE FURNITURE, TOTAL.....	301	144	23 290	109 512	18 814	36 918	80 373	212 100	6 093	21 652	154 566	
	NEW ENGLAND.....	14	6	741	2 844	591	1 159	2 190	5 196	42	89	710	
	MIDDLE ATLANTIC.....	99	48	8 102	38 219	6 561	13 617	28 193	71 353	2 002	7 682	54 618	
	NEW YORK.....	66	28	4 385	21 502	3 489	7 071	15 169	41 983	1 226	4 734	38 047	
	EAST-NORTH CENTRAL.....	80	48	10 390	51 090	8 452	15 857	38 725	103 111	2 837	10 455	78 300	
	OHIO.....	21	12	4 291	21 813	3 392	5 856	16 407	40 513	1 794	4 790	36 294	
	INDIANA.....	18	14	1 569	5 985	1 289	2 575	4 757	11 622	214	1 550	8 934	
	MICHIGAN.....	20	12	2 630	14 334	2 282	4 370	11 058	32 585	407	2 494	21 880	
	WEST NORTH CENTRAL.....	24	10	1 210	5 970	824	1 535	3 205	10 132	288	1 002	6 981	
	IOWA.....	5	3	713	3 901	444	818	1 785	6 888	135	502	4 168	
	MISSOURI.....	8	3	116	538	89	181	355	931	(D)	338	1 927	
	SOUTH.....	37	17	2 186	8 002	1 843	3 703	5 628	16 261	753	(*)	(*)	
	NORTH CAROLINA.....	6	5	1 052	3 548	914	1 889	2 550	6 388	118	1 034	4 722	
	TEXAS.....	11	6	280	1 024	246	525	822	1 642	125	(*)	(*)	
	PACIFIC.....	44	15	657	3 373	539	1 042	2 418	6 025	171	(*)	(*)	
253	PUBLIC BUILDING FURNITURE, TOTAL <sup>2</sup> .....	390	147	15 952	69 342	12 620	25 759	48 401	112 881	4 941	14 044	87 446	
254	PARTITIONS AND FIXTURES, TOTAL <sup>2</sup> .....	1 848	426	37 747	186 636	29 134	57 331	130 117	301 250	13 644	33 137	230 712	
259	FURNITURE AND FIXTURES, NEC, TOTAL.....	1 109	162	19 193	81 084	14 682	28 049	56 079	143 631	5 997	(*)	(*)	
	NEW ENGLAND.....	55	11	897	3 281	746	1 442	2 452	6 033	(D)	(*)	(*)	
	MASSACHUSETTS.....	24	7	515	1 743	445	902	1 449	3 276	25	(*)	(*)	
	MIDDLE ATLANTIC.....	318	42	4 719	20 254	3 671	7 154	13 537	35 588	(D)	(*)	(*)	
	NEW YORK.....	200	19	2 640	11 100	2 061	3 966	7 399	18 589	418	(*)	(*)	
	NEW JERSEY.....	53	9	753	3 459	562	1 111	2 157	6 715	(D)	(*)	(*)	
	PENNSYLVANIA.....	65	14	1 326	5 695	1 048	2 077	3 981	10 284	1 853	(*)	(*)	
	EAST NORTH CENTRAL.....	182	38	6 528	31 731	5 009	9 789	21 581	54 593	1 320	(*)	(*)	
	OHIO.....	30	3	424	1 666	355	694	1 320	3 835	188	(*)	(*)	
	INDIANA.....	17	2	110	450	86	163	320	939	14	(*)	(*)	
	ILLINOIS.....	87	19	1 826	8 306	1 475	2 983	5 961	12 411	273	(*)	(*)	
	MICHIGAN.....	34	7	1 622	8 523	1 170	2 202	5 006	18 766	541	(*)	(*)	
	WISCONSIN.....	14	7	2 546	12 786	1 923	3 747	8 974	18 642	304	(*)	(*)	
	WEST NORTH CENTRAL.....	71	12	1 010	3 534	821	1 459	2 633	6 079	...	(*)	(*)	
	MISSOURI.....	30	10	779	2 625	644	1 160	2 046	4 540	99	(*)	(*)	
	SOUTH ATLANTIC.....	128	18	3 271	11 532	2 263	4 186	8 159	21 731	544	(*)	(*)	
	MARYLAND.....	12	7	2 190	7 599	1 462	2 647	5 500	14 016	258	(*)	(*)	
	VIRGINIA.....	15	2	382	1 712	303	627	1 204	3 531	84	(*)	(*)	
	NORTH CAROLINA.....	19	2	151	497	110	201	283	854	33	(*)	(*)	
	FLORIDA.....	52	6	347	1 154	234	434	770	1 947	128	(*)	(*)	
	EAST SOUTH CENTRAL.....	47	1	224	709	174	326	528	1 430	88	(*)	(*)	
	WEST SOUTH CENTRAL.....	120	9	773	2 463	562	1 071	1 627	4 708	196	(*)	(*)	
	ARKANSAS.....	9	2	135	452	68	141	206	621	3	(*)	(*)	
	TEXAS.....	93	6	534	1 722	420	784	1 203	3 531	173	(*)	(*)	
	MOUNTAIN.....	30	2	170	718	146	266	545	1 166	82	(*)	(*)	
	PACIFIC.....	158	29	1 601	6 862	1 290	2 356	5 017	12 303	299	(*)	(*)	
	WASHINGTON.....	14	2	101	364	87	148	317	758	39	(*)	(*)	
	CALIFORNIA.....	134	27	1 445	6 270	1 158	2 129	4 533	11 050	253	(*)	(*)	

Note: Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.

<sup>2</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

Table 3.-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Furniture and fixtures (SIC 25)	Household furniture (SIC 251)	Office furniture (SIC 252)	Public building furniture (SIC 253)	Partitions and fixtures (SIC 254)	Furniture and fixtures, nec (SIC 259)
Number of establishments, total.....	10,160	6,512	301	390	1,848	1,109
With 1-19 employees.....	6,985	4,216	157	243	1,422	947
With 20-99 employees.....	2,406	1,696	89	119	368	134
With 100 employees or more.....	769	600	55	28	58	28
Proprietors and working partners.....Number..	6,477	4,017	107	232	1,246	875
All employees:						
Number (average for the year).....	347,599	251,417	23,290	15,952	37,747	19,193
Payroll.....\$1,000..	1,388,669	942,095	109,512	69,342	186,636	81,084
Production workers:						
Number (average for the year).....	287,489	212,239	18,814	12,620	29,134	14,682
March.....	281,084	208,188	18,718	12,128	27,724	14,326
May.....	277,697	204,684	17,902	12,326	28,209	14,576
August.....	291,797	214,057	18,965	13,713	30,283	14,779
November.....	300,620	223,038	19,742	12,436	30,195	15,209
Man-hours.....1,000..	565,142	417,085	36,918	25,759	57,331	28,049
January-March.....do....	135,103	99,640	9,045	5,981	13,634	6,803
April-June.....do....	137,293	100,929	8,942	6,339	14,012	7,071
July-September.....do....	141,115	103,702	8,982	6,993	14,633	6,805
October-December.....do....	151,631	112,814	9,949	6,446	15,052	7,370
Wages.....\$1,000..	1,021,844	706,874	80,373	48,401	130,117	56,079
Value added by manufacture, adjusted.....do....	2,349,488	1,579,626	212,100	112,881	301,250	143,631
Cost of fuels consumed.....do....	14,899	9,293	1,659	868	1,990	1,089
Cost of electricity purchased.....do....	24,283	16,675	1,811	1,287	3,076	1,434
Manufacturers' inventories:						
Beginning of year, total.....do....	681,336	445,915	67,040	41,579	76,051	50,751
Finished products.....do....	194,728	129,539	21,879	9,707	17,467	16,136
Work-in-process.....do....	155,425	91,334	18,144	14,103	23,193	8,651
Materials, supplies, fuel, etc.....do....	331,183	225,042	27,017	17,769	35,391	25,964
End of year, total.....do....	683,036	447,993	63,442	45,253	77,491	48,857
Finished products.....do....	192,743	129,624	18,404	11,375	17,674	15,666
Work-in-process.....do....	158,615	90,555	18,569	14,872	25,498	9,121
Materials, supplies, fuel, etc.....do....	331,678	227,814	26,469	19,006	34,319	24,070
Expenditures for plant and equipment, total.....do....	88,939	56,079	6,445	5,528	14,583	6,304
New, total.....do....	81,746	51,071	6,093	4,941	13,644	5,997
New structures and additions to plant.....do....	30,442	18,589	1,718	1,937	5,281	2,917
New machinery and equipment.....do....	51,304	32,482	4,375	3,004	8,363	3,080
Used plant and equipment.....do....	7,193	5,008	352	587	939	307

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.



# Household Furniture

This report shows 1958 Census of Manufactures statistics for establishments primarily engaged in manufacturing household furniture classified into each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2511--Wood Household Furniture, Except Upholstered
- 2512--Wood Household Furniture, Upholstered
- 2514--Metal Household Furniture
- 2515--Mattresses and Bedsprings
- 2519--Household Furniture, Not Elsewhere Classified

Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in Industry 2499, Wood Products, N.E.C., and furniture hardware including casters are included in Industry 3429, Hardware, N.E.C.

## 2511--Wood Household Furniture, Except Upholstered

This industry comprises establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture or wood frames for upholstered furniture are classified in Industry 2512, Wood Household Furniture, Upholstered, and reed and rattan furniture in Industry 2519, Household Furniture, N.E.C. Plants primarily engaged in renovating or refinishing furniture are classified in trade industries and plants selling household furniture to household consumers through a retail store on the manufacturing premises, are included in retail trade. For a detailed list of primary products of industry 2511, refer to table 6A, product codes 2511111 to 2511798.

The value of shipments and other receipts of Industry 2511, Wood Furniture, not Upholstered, in 1958 totaled \$1,379 million. This included shipments of primary products (wood household furniture, except upholstered) valued at \$1,225 million, shipments of secondary products valued at \$78 million, and miscellaneous receipts of \$76 million.

Industry 2511 shipments of wood household furniture, except upholstered in 1958 as in 1954 represented 94 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of upholstered wood household furniture, about \$30 million, and other household furniture, \$9 million.

The employment figures, cost of materials, value added and other input factors (tables 1-4) correspond to the total

of all receipts for the establishments classified in the industry, including shipments of primary and secondary products as well as the other receipts. Note that this total differs from total shipments of the primary products as shown in table 6A.

Industry 2511 shipments of wood household furniture, except upholstered, in 1958 represented 94 percent (coverage ratio) of the wood household furniture, except upholstered, valued at \$1,302 million shipped by all industries. The comparable 1954 coverage ratio was 93 percent. Other industries shipping wood household furniture, except upholstered, consisted mainly of Industry 2431, Millwork Plants, \$18 million, most of which was wood kitchen cabinets, and Industry 2512, Wood Furniture, Upholstered, \$19 million.

## 2512--Wood Household Furniture, Upholstered

This industry comprises establishments primarily engaged in manufacturing upholstered furniture on wood frames or wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, convertible sofas, jackknife sofa beds, and chair beds, are classified in Industry 2515 regardless of the materials used in the frame. For a detailed list of primary products of Industry 2512, refer to table 6A, product codes 2512112 to 2512611.

The S.I.C. definition for this industry has been amended by the Bureau of the Budget to exclude dual purpose sleep furniture now classified in Industry 2515. The statistics for this industry, as classified under the 1957 edition of the Standard Industrial Classification Manual compared with that under the classification system followed in the 1954 Census are shown in table 1A.

The value of shipments of Industry 2512, Wood Furniture, Upholstered, in 1958 totaled \$783 million. This included shipments of primary products (household furniture, upholstered) valued at \$705 million, shipments of secondary products valued at \$68 million, and miscellaneous receipts of \$11 million.

Industry 2512 shipments of upholstered household furniture in 1958 represented 91 percent of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of mattresses and bedsprings, \$42 million, and wood household furniture, except upholstered, \$19 million.

Industry 2512 shipments of upholstered household furniture, in 1958 represented 92 percent of the upholstered household furniture, valued at \$765 million shipped by all industries. Other industries shipping upholstered household furniture, consisted mainly of Industry 2515, mattresses and Bedsprings, \$23 million, and Industry 2511, Wood Furniture, not Upholstered, \$30 million.



2514—Metal Household Furniture

This industry comprises establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded, upholstered, or plain. Establishments primarily engaged in manufacturing dual purpose furniture, such as studio couches, sofa beds, and chair-beds are classified in Industry 2515, Mattresses and Bedsprings, regardless of the materials used in the frame. For a detailed list of primary products of Industry 2514, refer to table 6A, product codes 2514111 to 2514498.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

The value of shipments of Industry 2514, Metal Household Furniture, in 1958 totaled \$501 million. This included shipments of primary products (metal household furniture) valued at \$426 million, shipments of secondary products valued at \$60 million, and miscellaneous receipts of \$15 million.

Industry 2514 shipments of metal household furniture, in 1958 represented 88 percent of its total product shipments (primary and secondary). In 1954 this primary product specialization ratio was 87 percent. Other industries shipping household furniture consisted mainly of Industry 2515, Mattresses and Bedsprings, \$7 million, and Industry 2531, Public Building and Related Furniture, \$5 million. Industry 2514 shipments of metal household furniture in 1958 represented 88 percent of the metal household furniture valued at \$485 million shipped by all industries. The comparable 1954 coverage ratio was 83 percent. Other industries shipping metal household furniture consisted mainly of Industry 2515, Mattresses and Bedsprings; Industry 2542, Metal Partitions, Fixtures; Industry 3431, Plumbing Fixtures; Industry 3461, Metal Stampings. These industries shipments of metal household furniture amounted to \$21 million.

2515—Mattresses and Bedsprings

This industry comprises establishments primarily engaged in manufacturing innerspring mattresses, boxspring mattresses, and non-innerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame, previously classified in Industry 2512. Establishments primarily engaged in manufacturing automobile seats and backs are classified in Industry 2531; individual wire springs in Industry 3481; and padding and upholstery filling in Industry 2293. Establishments primarily engaged in repair, renovating, etc., mattresses and bedsprings are classified in service industries. For a detailed list of primary products of Industry 2515, refer to table 6A, product codes 2515101 to 2515611.

The composition of the industry as now constituted (including dual purpose sleep furniture) compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

The value of shipments of Industry 2515, Mattresses and Bedsprings, in 1958 totaled \$572 million. This included shipments of primary products (mattresses and bedsprings) valued at \$498 million, shipments of secondary products valued at \$52 million, and miscellaneous receipts of \$22 million.

Industry 2515 shipments of mattresses and bedsprings in 1958 represented 90 percent of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of upholstered wood household furniture, \$23 million, and metal household furniture, \$7 million.

Industry 2515 shipments of mattresses and bedsprings in 1958 represented 88 percent of the mattresses and bedsprings valued at \$569 million shipped by all industries. Other industries shipping mattresses and bedsprings consisted mainly of Industry 2512, Wood Furniture, Upholstered \$42 million; and Industries 3988, Morticians' goods, and 2514, Metal Household Furniture, shipped mattresses and bedsprings amounting to more than \$10 million.

2519—Household Furniture, Not Elsewhere Classified

This industry comprises establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, and other household furniture, not elsewhere classified. For a detailed list of primary products of Industry 2519, refer to table 6A, product codes 2519011 to 2519098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

The value of shipments of Industry 2519, Household Furniture, N.E.C., in 1958 totaled \$31 million. This included shipments of primary products (household furniture, n.e.c.) valued at \$24 million, shipments of secondary products valued at \$6 million, and miscellaneous receipts of \$1 million.

Industry 2519 shipments of household furniture, n.e.c. in 1958 represented 88 percent of its total product shipments (primary and secondary). In 1954 the primary product specification ratio was 86 percent.

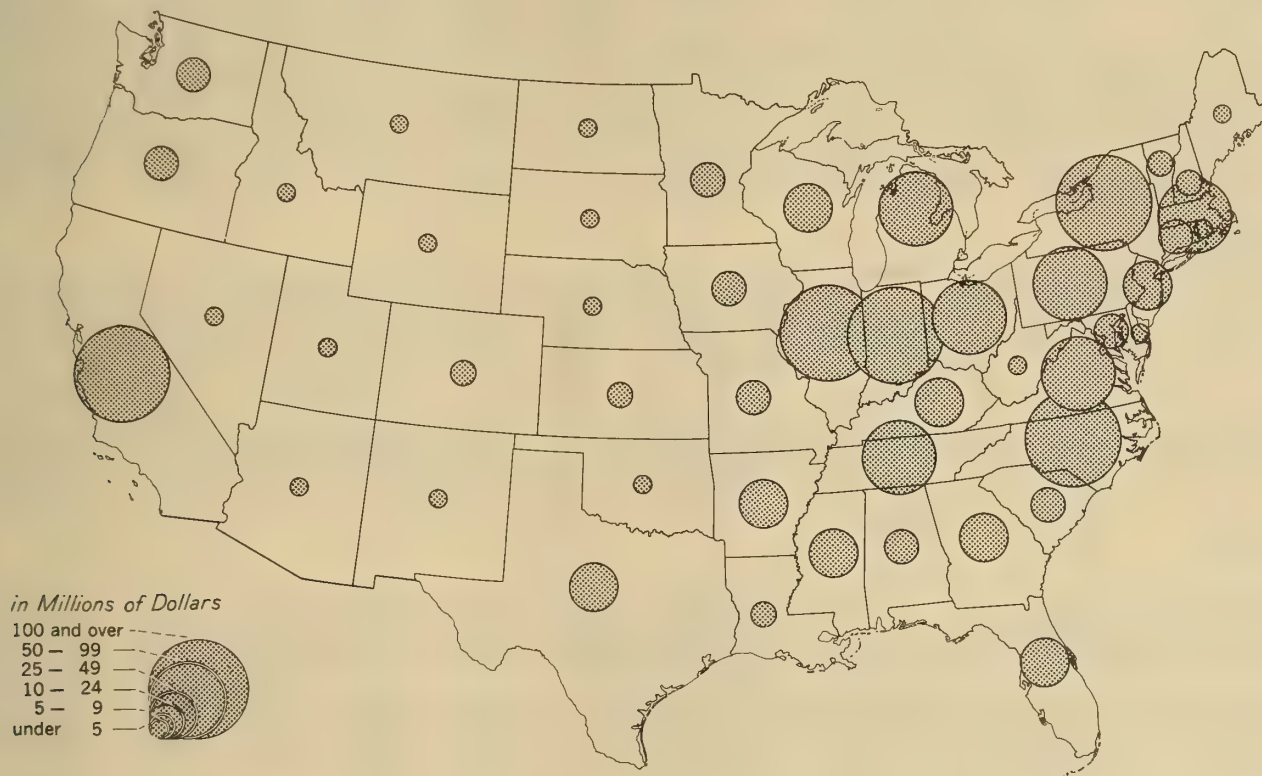
Industry 2519 shipments of household furniture, n.e.c., in 1958 represented 68 percent of the household furniture, n.e.c., valued at \$35 million shipped by all industries. The 1954 comparable coverage ratio was 59 percent. Other industries shipping household furniture, n.e.c., consisted mainly of Industry 3079, Miscellaneous Plastic Products, which shipped approximately \$5 million of plastic radio, phonograph, and television cabinets.



The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## HOUSEHOLD FURNITURE: SIC 251

Value Added by Manufacture by State: 1958



Includes Industries 2511, 2512, 2514 2515 and 2519. See Table 2.

Bureau of the Census M-58-D251

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2511 (old SIC 2511)	Wood furniture not upholstered:														
	1958.....	2,742	2,816	931	125,320	442,181	109,045	217,617	344,536	704,660	675,688	1,378,630	26,234	94	94
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	130,020	436,525	113,849	230,641	343,941	702,331	615,304	1,308,276	22,812	93	96
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	131,800	440,773	116,177	238,684	345,477	727,359	634,877	1,347,174	27,544	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	130,183	422,152	115,045	238,351	332,462	673,502	603,761	1,270,395	22,917	(NA)	(NA)
	1954.....	2,731	785	958	124,898	388,409	109,618	222,063	303,249	602,091	568,973	1,170,568	17,161	94	93
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	142,563	445,747	127,385	(NA)	359,871	688,161	606,929	1,295,090	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	126,208	385,033	111,278	(NA)	300,618	617,420	537,606	1,155,026	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	136,106	396,926	121,242	(NA)	310,507	616,140	542,503	1,158,643	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	140,341	378,732	125,460	(NA)	303,145	601,239	534,691	1,135,930	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	123,717	306,928	110,856	(NA)	241,731	450,790	360,670	811,460	(NA)	(NA)	(NA)
	1947.....	2,208	2,248	(NA)	132,050	304,614	120,062	(NA)	253,156	489,145	409,529	898,674	(NA)	94	94
	1939 <sup>9</sup> .....	(NA)	1,273	(NA)	(NA)	(NA)	83,923	(NA)	72,272	147,093	130,975	278,068	(NA)	(NA)	(NA)
2512 (old SIC 2512)	Wood furniture, upholstered:														
	1958 <sup>10</sup> .....	1,707	1,761	683	61,485	233,646	51,819	99,572	177,682	391,243	393,945	783,100	11,124	91	92
	1958 <sup>11</sup> .....	(NA)	1,922	771	67,655	256,969	56,692	109,188	194,066	432,194	447,344	877,366	11,861	94	90
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	66,603	254,204	56,454	110,389	191,061	435,038	438,708	868,914	9,939	95	89
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	64,104	241,224	54,887	109,755	183,677	417,225	416,982	826,756	11,146	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	60,923	220,701	52,640	105,614	168,873	376,326	384,379	753,702	9,680	(NA)	(NA)
	1954.....	1,738	1,780	645	56,022	193,596	48,119	93,276	146,990	314,837	319,780	632,813	6,934	94	85
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	57,832	199,237	50,610	(NA)	157,424	316,802	327,930	644,732	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	50,509	174,838	44,470	(NA)	135,811	292,516	268,410	560,926	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	48,522	154,438	42,449	(NA)	119,561	268,903	244,769	513,672	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	52,191	151,511	46,210	(NA)	119,939	245,462	254,977	500,439	(NA)	(NA)	(NA)
	1947.....	1,364	1,391	(NA)	44,755	114,861	39,786	(NA)	92,908	192,430	188,623	381,053	(NA)	92	83
	1939 <sup>9</sup> .....	(NA)	977	(NA)	(NA)	(NA)	32,226	(NA)	32,481	67,696	68,320	136,016	(NA)	(NA)	(NA)
	1937 <sup>12</sup> .....	(NA)	791	(NA)	(NA)	(NA)	31,667	(NA)	32,995	65,611	73,654	139,265	(NA)	(NA)	(NA)
2514 (old SIC 2514)	Metal household furniture:														
	1958.....	614	627	273	30,704	125,627	24,874	48,598	90,053	218,746	277,975	501,147	5,694	88	88
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,955	139,885	28,926	55,918	97,803	234,478	288,205	518,294	6,647	87	87
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,562	126,745	27,293	52,789	91,332	222,357	267,615	489,350	9,478	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,203	122,541	27,398	53,550	89,337	215,968	260,821	469,540	8,905	(NA)	(NA)
	1954.....	635	641	261	29,629	110,933	24,345	47,083	80,199	192,978	220,290	412,482	8,720	87	83
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	26,072	96,655	21,744	(NA)	72,182	161,814	187,871	349,685	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	26,796	97,488	22,414	(NA)	71,180	183,432	200,291	383,723	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	25,834	88,926	21,723	(NA)	64,195	169,581	193,986	365,567	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	25,299	80,788	21,400	(NA)	60,380	157,474	179,864	337,338	(NA)	(NA)	(NA)
	1947.....	305	312	(NA)	19,651	52,463	16,819	(NA)	40,240	97,087	97,764	194,851	(NA)	83	73
	1939 <sup>9</sup> .....	(NA)	138	(NA)	(NA)	(NA)	7,633	(NA)	8,490	19,587	20,380	39,967	(NA)	(NA)	(NA)
2515 (old SIC 2515)	Mattresses and bedsprings:														
	1958 <sup>10</sup> .....	1,158	1,215	377	31,703	132,258	24,651	47,874	88,197	248,801	321,986	572,150	7,333	90	88
	1958 <sup>11</sup> .....	(NA)	1,052	289	25,517	108,927	19,759	38,205	71,744	207,844	268,621	477,906	6,594	86	91
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	32,740	133,404	24,611	49,382	90,007	246,649	287,246	533,222	4,888	78	93
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,403	136,377	26,589	52,966	95,141	248,821	293,095	539,897	5,539	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,055	134,080	27,156	54,136	95,748	246,983	284,655	525,384	(NA)	(NA)	(NA)
	1954 <sup>13</sup> .....	1,158	1,195	266	32,096	121,516	25,122	49,325	84,588	218,155	248,153	464,516	5,306	77	91
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	32,636	123,756	26,646	(NA)	89,065	214,002	248,147	462,149	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	29,202	104,223	24,646	(NA)	77,651	182,954	227,263	410,217	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	31,417	103,148	26,719	(NA)	76,504	179,206	262,355	441,561	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	31,099	98,496	26,334	(NA)	70,502	161,234	225,587	386,821	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	25,956	81,945	23,367	(NA)	58,872	146,800	159,141	305,941	(NA)	(NA)	(NA)
	1947.....	842	878	(NA)	30,320	82,063	25,444	(NA)	60,802	146,005	184,999	331,004	(NA)	76	93
	1939.....	(NA)	947	(NA)	23,062	29,264	18,342	(NA)	19,498	52,173	60,942	113,115	(NA)	(NA)	(NA)
	1937.....	(NA)	839	(NA)	22,333	26,446	19,165	(NA)	19,811	49,930	63,190	113,120	(NA)	(NA)	(NA)
	1935.....	(NA)	824	(NA)	17,918	19,775	15,404	(NA)	14,668	35,862	48,949	84,811	(NA)	(NA)	(NA)
	1933.....	(NA)	645	(NA)	15,130	13,446	13,280	(NA)	10,694	27,233	32,491	59,724	(NA)	(NA)	(NA)
	1931.....	(NA)	781	(NA)	(NA)	(NA)	13,622	(NA)	14,702	39,999	37,509	77,508	(NA)	(NA)	(NA)
	1929.....	(NA)	951	(NA)	19,856	29,598	17,187	(NA)	22,584	61,753	61,527	123,280	(NA)	(NA)	(NA)
	1927.....	(NA)	838	(NA)	16,206	23,891	13,481	(NA)	16,887	46,653	52,182	98,835	(NA)	(NA)	(NA)
	1925 <sup>14</sup> .....	(NA)	1,018	(NA)	17,304	23,883	14,403	(NA)	17,430	48,228	62,489	110,717	(NA)	(NA)	(NA)
	1923.....	(NA)	1,015	(NA)	17,104	23,018	14,103	(NA)	16,473	46,085	61,477	107,562	(NA)	(NA)	(NA)
	1921.....	(NA)	889	(NA)	14,045	18,778	11,748	(NA)	13,546	32,568	42,056	74,624	(NA)	(NA)	(NA)
	1919.....	(NA)	1,041	(NA)	15,261	18,364	12,637	(NA)	12,805	34,744	49,209	83,953	(NA)	(NA)	(NA)
	1914.....	(NA)	1,000	(NA)	13,971	9,414	11,747	(NA)	6,723	16,318	22,399	38,717	(NA)	(NA)	(NA)
	1909.....	(NA)	930	(NA)	13,240	7,810	11,322	(NA)	5,771	15,300	20,483	35,783	(NA)	(NA)	(NA)
	1904.....	(NA)	716	(NA)	11,681	6,069	10,427	(NA)	4,816	12,429	15,326	27,755	(NA)	(NA)	(NA)
	1899.....	(NA)	589	(NA)	8,500	3,872	7,649	(NA)	3,102	7,729	10,227	17,956	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ial- iza- tion ratio <sup>6</sup> (per- cent)	Cov- er- age ratio <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2519 (old SIC 2519)	Household furniture, nec:														
	1958.....	92	93	32	2,205	8,383	1,850	3,424	6,406	16,176	14,526	30,643	686	88	68
	1954.....	69	69	19	1,285	4,437	1,056	2,074	3,316	7,895	7,956	15,812	2,161	86	59
	1947.....	(NA)	50	(NA)	1,653	4,057	1,459	(NA)	3,076	7,738	6,292	14,030	(NA)	(16)	(16)

NA Not available.

<sup>1</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>2</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>3</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>4</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000)	Industry Code	Value added (\$1,000)
2511	592,714	2515	216,362
2512	313,034	2519	7,815
2514	190,816		

<sup>5</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc. (\$1,000)		Industry Code	Cost of materials, etc. (\$1,000)	
	1958	1954		1958	1954
2511	615,088	520,550	2515	308,647	248,153
2512	388,393	319,780	2519	14,096	7,760
2514	268,493	211,758			

<sup>6</sup> For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of shipments (\$1,000)		Industry Code	Value of shipments (\$1,000)	
	1958	1954		1958	1954
2511	1,311,691	1,113,264	2515	556,108	464,516
2512	775,896	632,813	2519	30,101	15,576
2514	489,659	402,575			

<sup>7</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>8</sup> The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>9</sup> The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup> The figures for 1939 are not entirely comparable with earlier years. Value added by manufacture for 1939 on a basis comparable with 1937 was \$62.7 million for "Household furniture, upholstered." No comparable figures are available for "Wood house furniture, except upholstered," and "Metal house furniture, except upholstered" prior to 1939.

<sup>11</sup> A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>12</sup> Retabulated to provide 1958 data on a basis comparable to that shown for 1957 and earlier years.

<sup>13</sup> Upholstered household furniture was formerly a part of the discontinued classification "Furniture, including store and office fixtures." Separate figures are therefore not available prior to 1937.

<sup>14</sup> In this industry, which contains a large number of very small establishments, there is a possibility that some of these small establishments have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

<sup>15</sup> The figures for 1899-1925 include data for establishments engaged primarily in renovating mattresses.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1A.--Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2512--Wood furniture, upholstered.....	1,761	683	61,485	391,243	xxx	xxx	xxx	xxx
Old Industry 2512, Wood household furniture, upholstered.....	<sup>r</sup> 1,756	<sup>r</sup> 682	<sup>r</sup> 61,442	<sup>r</sup> 391,058	1,922	771	67,655	432,194
All other industries <sup>1</sup> .....	5	1	43	185	xxx	xxx	xxx	xxx
New Industry 2515 Mattresses and bedsprings.....	1,215	377	31,703	248,801	xxx	xxx	xxx	xxx
Old Industry 2515 Mattresses and bedsprings.....	1,052	289	25,517	207,844	<sup>r</sup> 1,052	<sup>r</sup> 289	<sup>r</sup> 25,517	<sup>r</sup> 207,844
Old Industry 2512 Wood furniture, upholstered.....	163	88	6,186	40,957	1,922	771	67,655	432,194

<sup>r</sup>Revised.

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not statistically significant.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2511	Wood furniture not upholstered, total.....	2,816	931	125,320	442,181	109,045	217,617	344,536	704,660	1,378,630	26,234	124,898	592,714	132,050
	New England.....	186	67	7,000	27,191	5,968	12,107	20,553	40,756	72,719	2,456	8,077	38,215	6,832
	New Hampshire..	20	10	837	2,664	719	1,415	2,131	4,634	8,630	(D)	1,303	6,498	808
	Vermont.....	15	11	1,464	5,616	1,281	2,987	4,404	8,055	15,569	(2)	1,155	5,221	1,289
	Massachusetts..	111	34	3,803	15,658	3,179	6,158	11,362	23,074	39,861	545	4,395	21,349	3,884
	Connecticut....	29	7	536	1,964	459	865	1,573	2,930	5,372	(2)	665	3,048	550
	Middle Atlantic..	658	181	17,267	66,966	14,760	29,363	52,212	103,620	192,137	3,765	20,186	104,835	20,710
	New York.....	370	89	8,398	34,814	7,040	14,070	26,508	53,085	96,914	1,945	10,042	55,881	10,679
	New Jersey.....	115	23	1,584	6,304	1,337	2,512	4,742	9,750	21,187	527	2,046	11,842	1,463
	Pennsylvania...	173	69	7,285	25,848	6,383	12,781	20,962	40,785	74,036	1,293	8,097	37,111	8,568
	East North													
	Central.....	518	207	24,570	96,318	21,116	42,161	73,492	146,416	273,486	3,756	28,392	141,809	36,950
	Ohio.....	67	18	2,008	8,222	1,753	3,497	6,576	13,803	25,886	(2)	1,863	9,409	2,506
	Indiana.....	111	73	9,262	34,662	8,040	12,265	26,697	53,310	100,449	1,646	11,181	49,247	13,831
	Illinois.....	167	52	5,719	24,625	4,919	9,558	18,361	34,773	69,464	749	6,410	34,887	8,086
	Michigan.....	113	47	4,939	18,768	4,173	8,415	14,404	28,949	49,173	603	6,026	32,392	8,417
	Wisconsin.....	60	17	2,642	10,041	2,231	4,426	7,454	15,581	28,514	(2)	2,910	15,873	4,110
	West North													
	Central.....	118	22	1,816	6,561	1,525	2,978	5,107	10,198	19,432	(2)	1,966	8,716	3,427
	Minnesota.....	46	4	437	1,829	357	677	1,405	2,717	5,009	(2)	(3)	...	755
	Iowa.....	19	6	612	2,263	510	1,028	1,717	3,139	6,517	(2)	(3)	...	...
	Missouri.....	36	10	667	2,153	573	1,126	1,714	3,951	6,923	680	2,862	1,712	...
	South Atlantic..	470	216	44,324	136,943	39,730	79,904	109,505	235,711	486,287	9,226	39,975	175,109	38,505
	Maryland.....	25	7	588	2,379	490	1,010	1,732	3,667	6,828	(2)	611	3,773	710
	Virginia.....	73	40	12,259	39,892	11,018	22,068	31,499	73,973	175,962	2,491	11,105	55,797	12,323
	West Virginia..	12	6	603	1,668	507	932	1,296	2,687	4,831	(2)	496	1,860	(D)
	North Carolina..	146	98	23,831	71,039	21,848	43,791	58,335	122,959	235,784	5,191	22,082	92,565	19,868
	South Carolina..	21	10	2,622	7,950	2,086	4,536	5,887	11,573	23,108	536	2,108	8,309	2,138
	Georgia.....	55	19	1,945	5,231	1,735	3,336	4,202	7,204	14,419	(2)	2,106	6,122	2,299
	Florida.....	135	36	2,461	8,733	2,035	4,211	6,515	13,591	25,230	(2)	1,453	6,642	689
	East South													
	Central.....	159	78	12,638	40,190	10,865	22,215	31,313	61,219	120,188	2,975	11,034	44,602	11,008
	Kentucky.....	42	20	2,686	10,311	2,342	4,702	8,249	15,204	29,533	524	3,376	15,304	4,948
	Tennessee.....	67	33	5,816	16,939	4,881	9,859	12,817	26,553	50,376	1,158	4,744	17,769	4,265
	Alabama.....	34	17	1,568	4,378	1,353	2,651	3,540	7,246	15,708	(2)	895	3,503	493
	Mississippi.....	16	8	2,568	8,565	2,189	5,003	6,707	12,216	24,571	1,069	2,017	8,025	1,302
	West South													
	Central.....	147	50	6,919	19,809	6,095	11,969	15,486	31,323	72,295	1,423	6,047	23,200	4,755
	Arkansas.....	37	20	4,387	12,627	3,907	7,745	10,007	18,015	43,443	630	3,386	12,116	2,335
	Louisiana.....	20	6	289	834	252	465	620	1,444	3,356	(2)	335	1,645	714
	Oklahoma.....	18	3	677	1,982	612	1,270	1,584	3,382	7,090	(2)	659	2,707	462
	Texas.....	72	21	1,566	4,366	1,324	2,489	3,275	8,482	18,406	534	1,666	6,731	1,244
	Mountain.....	53	4	426	1,836	336	658	1,396	2,699	7,423	(2)	252	1,159	187
	Colorado.....	19	1	104	423	80	161	312	673	1,256	(2)	(3)	...	...
	Arizona.....	14	1	181	870	141	281	690	1,261	4,105	(2)	43	203	49
	Pacific.....	507	106	10,360	46,367	8,650	16,262	35,472	72,718	134,663	2,101	8,967	55,065	9,676
	Washington....	50	12	1,591	6,956	1,351	2,427	5,438	11,682	21,866	(2)	1,646	10,047	1,529
	Oregon.....	30	6	984	3,730	894	1,561	3,120	5,816	10,227	(2)	1,040	6,618	2,274
	California.....	427	88	7,785	35,681	6,405	12,274	26,914	55,220	102,570	1,638	6,279	38,400	5,873
2512	Wood furniture, upholstered, total.....	1,761	683	61,485	233,646	51,819	99,572	177,682	391,243	783,100	11,124	(4)	(4)	(4)
	New England.....	130	61	4,071	15,553	3,355	6,373	11,454	25,732	49,903	(2)	(4)	(4)	(4)
	Massachusetts..	92	47	2,707	9,661	2,247	4,267	7,439	15,407	31,257	(2)	(4)	(4)	(4)
	Connecticut....	26	12	1,083	4,858	898	1,724	3,313	8,535	14,957	(2)	(4)	(4)	(4)
	Middle Atlantic..	434	116	9,383	39,721	7,838	14,999	30,808	65,956	127,542	1,159	(4)	(4)	(4)
	New York.....	277	65	5,576	25,109	4,676	8,784	19,539	40,513	75,559	756	(4)	(4)	(4)
	East North													
	Central.....	254	115	11,744	49,592	9,690	18,227	36,125	81,644	156,639	2,316	(4)	(4)	(4)
	Ohio.....	56	24	2,352	10,257	1,918	3,397	7,470	16,522	32,031	(D)	(4)	(4)	(4)
	Indiana.....	40	31	3,253	12,617	2,698	5,250	8,946	19,715	38,273	520	(4)	(4)	(4)
	Illinois.....	75	30	3,638	15,634	3,012	5,591	11,693	28,195	53,703	1,020	(4)	(4)	(4)
	Michigan.....	68	23	1,756	7,663	1,493	2,946	5,756	12,107	21,881	(2)	(4)	(4)	(4)
	Wisconsin.....	15	7	745	3,421	569	1,043	2,260	5,105	10,751	(D)	(4)	(4)	(4)
	West North													
	Central.....	76	30	2,301	9,761	1,916	3,623	6,804	14,783	31,952	500	(4)	(4)	(4)
	Minnesota.....	20	7	501	2,380	391	778	1,584	2,953	6,126	(2)	(4)	(4)	(4)
	Iowa.....	16	7	692	2,980	581	1,110	2,133	4,578	9,790	(2)	(4)	(4)	(4)
	Nebraska.....	9	5	393	2,079	335	704	1,386	3,341	6,706	(2)	(4)	(4)	(4)
	South Atlantic..	314	157	15,816	51,692	13,664	26,683	40,381	87,840	180,037	2,282	(4)	(4)	(4)
	Maryland.....	21	8	785	2,411	632	1,276	2,023	4,303	8,729	(2)	(4)	(4)	(4)
	Virginia.....	16	11	1,532	5,525	1,339	2,665	4,012	9,973	21,357	(2)	(4)	(4)	(4)
	West Virginia..	7	3	234	671	195	356	502	1,111	2,069	(2)	(4)	(4)	(4)
	North Carolina..	193	100	10,383	34,123	9,131	17,630	27,151	59,135	120,097	1,638	(4)	(4)	(4)
	South Carolina..	7	2	307	319	173	292	243	391	1,018	(2)	(4)	(4)	(4)
	Georgia.....	28	18	1,654	5,524	1,405	2,947	4,115	8,353	17,287	(2)	(4)	(4)	(4)
	Florida.....	42	15	921	3,119	789	1,517	2,335	4,574	9,480	(2)	(4)	(4)	(4)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2514.	Wood furniture, upholstered,--Con. East South													
	Central.....	105	59	6,682	20,622	5,570	11,056	15,432	39,189	83,465	1,775	(4)	(4)	(4)
	Kentucky.....	19	12	948	3,075	788	1,645	2,367	5,467	10,795	(2)			
	Tennessee.....	53	27	3,769	11,879	3,244	6,376	9,157	19,223	42,575	827			
	Alabama.....	12	5	313	815	287	522	687	1,741	3,244	(2)			
	Mississippi.....	21	15	1,652	4,853	1,251	2,513	3,221	12,758	26,851	688			
	West South													
	Central.....	93	41	4,226	14,535	3,618	6,908	11,021	25,391	52,462	702			
	Arkansas.....	24	13	1,357	4,367	1,185	2,020	3,362	7,161	16,714	(2)			
	Louisiana.....	7	3	365	1,155	306	554	847	2,182	4,285	(D)			
	Oklahoma.....	4	1	42	115	34	51	85	245	472	(D)			
	Texas.....	58	24	2,462	8,898	2,093	4,283	6,727	15,803	30,991	(2)			
	Mountain.....	32	10	616	2,399	531	1,080	1,829	3,547	8,064	(2)			
	Colorado.....	14	4	274	1,120	241	448	879	1,723	3,767	(2)			
	Utah.....	8	4	216	872	180	415	626	1,220	2,554	(D)			
	Pacific.....	323	94	6,646	29,771	5,637	10,623	23,828	47,161	93,036	1,553			
	Washington.....	14	5	432	1,612	331	558	1,177	2,441	4,708	(2)			
	Oregon.....	17	4	493	2,215	431	853	1,715	3,723	7,206	(2)			
	California.....	292	85	5,721	25,944	4,875	9,212	20,936	40,997	81,122	1,523			
	Metal household furniture, total...	627	273	30,704	125,627	24,874	48,598	90,053	218,746	501,147	5,694	29,629	190,816	19,651
	New England.....	38	15	1,289	4,963	1,074	2,061	3,492	8,627	19,224	(2)	1,326	8,552	719
	Middle Atlantic...	226	86	8,804	34,700	7,249	13,890	25,833	58,308	133,295	1,380	7,679	45,754	4,485
	New York.....	148	44	4,157	15,689	3,429	6,658	11,711	26,691	62,624	668	3,825	24,665	2,829
	New Jersey.....	28	11	631	2,207	533	1,060	1,653	3,921	9,413	285	572	3,281	428
	Pennsylvania....	50	31	4,016	16,804	3,287	6,172	12,469	27,696	61,258	627	3,280	17,807	1,228
East North														
Central.....	131	80	11,080	51,632	8,529	16,877	34,701	89,432	197,954	2,368	13,099	94,065	(D)	
Ohio.....	27	16	1,949	8,896	1,489	3,078	5,929	13,246	37,668	(2)	2,335	17,777	3,597	
Indiana.....	17	11	2,494	11,875	2,010	3,862	8,076	23,741	46,426	924	4,576	32,850	1,976	
Illinois.....	61	41	5,025	23,799	3,821	7,638	16,210	37,690	87,004	749	4,802	33,174	4,679	
West North														
Central.....	19	9	1,522	6,117	1,321	2,443	4,898	9,764	24,500	(2)	1,306	7,096	(D)	
Missouri.....	14	8	1,447	5,857	1,272	2,376	4,764	9,421	23,276	(2)	1,284	6,985	1,094	
South Atlantic...	78	31	2,794	7,919	2,399	4,698	6,287	14,809	38,184	(2)	2,262	10,499	(D)	
Maryland.....	10	9	374	1,289	319	578	989	1,978	4,751	(2)	(3)	...	...	
Virginia.....	5	3	212	628	183	359	447	1,525	3,266	(2)	60	369	(D)	
Florida.....	39	7	1,114	2,549	987	1,902	2,252	4,984	12,638	(2)	722	2,918	(D)	
East South														
Central.....	20	14	1,577	5,695	1,329	2,691	4,024	10,803	28,021	(2)	1,202	6,579	700	
Kentucky.....	7	6	613	2,509	516	1,076	1,689	4,716	12,979	(2)	393	2,281	400	
Tennessee.....	5	3	341	934	277	538	676	1,980	6,310	(2)	486	2,729	78	
West South														
Central.....	31	13	1,069	3,757	895	1,769	2,588	6,753	16,630	(1)	526	2,780	118	
Arkansas.....	5	3	278	823	247	525	646	1,411	4,469	(2)	(3)	...	...	
Mountain.....	5	...	29	65	23	32	49	59	245	(2)	19	182	...	
Pacific.....	79	25	2,540	10,779	2,055	4,137	8,181	20,191	43,094	573	2,207	15,305	882	
California.....	76	24	2,460	10,426	1,988	4,007	7,889	19,714	41,720	566	2,099	14,914	726	
2515	Mattresses and bedsprings, total..	1,215	377	31,703	132,258	24,651	47,874	88,197	248,801	572,150	7,333			
New England.....	92	32	2,071	8,514	1,573	2,957	5,310	15,516	38,040	(2)	(4)	(4)	(4)	
Massachusetts...	54	22	1,480	6,210	1,105	2,103	3,881	11,079	27,369	(2)				
Connecticut.....	23	5	350	1,426	273	500	909	2,969	7,094	(2)				
Middle Atlantic...	255	69	6,446	29,903	4,820	9,051	18,854	53,439	119,702	970				
New York.....	151	32	2,694	13,070	1,953	3,782	8,029	23,228	50,855	522				
New Jersey.....	49	14	2,593	11,850	1,995	3,627	7,822	21,315	44,591	(2)				
Pennsylvania....	55	23	1,169	4,983	872	1,642	3,003	8,896	24,256	(2)				
East North														
Central.....	176	72	6,277	27,585	4,896	9,919	18,804	53,464	121,054	1,904				
Ohio.....	39	17	1,845	8,641	1,504	3,007	6,434	19,786	40,983	(2)				
Wisconsin.....	13	6	418	2,151	282	562	1,242	2,926	6,600	(2)				
West North														
Central.....	73	26	2,028	9,298	1,536	2,967	5,817	18,144	43,473	(2)				
Minnesota.....	15	8	592	3,219	434	794	1,819	5,024	11,272	(2)				
Iowa.....	12	1	168	787	118	220	386	1,339	4,677	(2)				
Missouri.....	27	10	669	2,736	501	986	1,712	5,514	14,888	(2)				
Nebraska.....	7	4	178	765	140	289	475	1,345	3,733	(2)				
Kansas.....	9	3	411	1,761	334	662	1,398	4,853	8,772	(2)				
South.....	419	116	9,953	33,522	7,943	15,457	23,091	63,769	149,964	3,058				
Maryland.....	15	8	477	1,768	351	683	1,053	3,050	8,510	(2)				
Virginia.....	12	5	289	871	243	437	591	1,872	3,801	(2)				
West Virginia...	10	3	108	309	96	182	253	642	1,591	(2)				
North Carolina...	53	16	1,264	4,000	1,016	1,906	2,753	6,432	17,740	(2)				
South Carolina..	14	3	187	432	141	246	306	1,028	2,130	(2)				
Georgia.....	25	6	1,777	6,804	1,481	2,876	4,871	13,730	25,708	(2)				
Florida.....	57	16	1,040	3,448	764	1,544	2,343	7,160	16,444	(2)				
Tennessee.....	28	14	1,388	4,907	1,128	2,305	3,105	8,488	21,381	(2)				
Arkansas.....	12	2	133	413	117	173	333	484	1,706	(2)				
Oklahoma.....	18	2	171	568	141	249	400	1,131	2,784	(2)				
Texas.....	105	25	1,966	6,442	1,535	3,043	4,594	14,179	32,445	(2)				

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2519	Mattresses and bedsprings--Con.													
	Mountain.....	45	11	729	3,084	594	1,246	2,041	5,912	13,749	(2)	(4)	(4)	(4)
	Colorado.....	13	7	334	1,658	260	550	926	3,499	8,017	(2)	(4)	(4)	(4)
	Arizona.....	13	2	145	488	116	223	325	950	2,128	(2)	(4)	(4)	(4)
	Pacific.....	155	51	4,199	20,352	3,289	6,277	14,280	38,557	86,168	696	(4)	(4)	(4)
	Washington.....	13	5	260	1,228	206	416	881	2,076	5,229	(2)	(4)	(4)	(4)
	Oregon.....	8	3	125	522	96	172	318	931	2,542	(2)	(4)	(4)	(4)
	California.....	134	43	3,814	18,602	2,987	5,689	13,081	35,550	78,397	621	(4)	(4)	(4)
	Household furniture, nec., total.....	93	32	2,205	8,383	1,850	3,424	6,406	16,176	30,643	686	1,285	7,815	1,653
	New England.....	6	2	59	215	47	92	130	223	545	(2)	54	287	797
	Middle Atlantic...	29	8	745	2,442	637	1,189	1,831	4,538	8,087	(2)	350	1,562	
	New York.....	23	7	433	1,420	375	709	1,154	2,718	4,910	(2)	(3)	...	657
	North Central.....	11	6	630	2,666	520	968	2,030	5,774	10,808	(2)	437	2,956	
	South.....	24	6	326	1,103	271	512	810	1,587	3,038	(2)	143	510	199
	Florida.....	14	4	168	611	139	250	435	886	1,636	(2)	70	309	
	Pacific.....	23	10	445	1,957	375	663	1,605	4,054	8,165	(2)	299	2,499	
	California.....	23	10	445	1,957	375	663	1,605	4,054	8,165	(2)	299	2,499	

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Revised.<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2511, Wood Furniture Not Upholstered: New England—Maine, 10 (250-499); Rhode Island, 1 (1-19); West North Central—North Dakota, 1 (1-19); South Dakota, 4 (20-99); Nebraska, 6 (1-19); Kansas, 6 (20-99); South Atlantic—Delaware, 2 (1-19); District of Columbia, 1 (1-19); Mountain—Montana, 5 (20-99); Idaho, 3 (1-19); New Mexico, 3 (20-99); Utah, 8 (20-99); Nevada, 1 (1-19).

SIC 2512, Wood Furniture, Upholstered: New England—Maine, 2 (1-19); New Hampshire, 8 (250-499); Vermont, 1 (1-19); Rhode Island, 1 (1-19); Middle Atlantic—New Jersey, 45 (500-999); Pennsylvania, 112 (2,500-4,999); West North Central—Missouri, 26 (500-999); South Dakota, 1 (1-19); Kansas, 4, (20-99); Mountain—Idaho, 2 (1-19); Wyoming, 2 (1-19); Arizona, 6 (100-249).

SIC 2514, Metal Household Furniture: New England—Maine, 2 (1-19); New Hampshire, 2 (20-99); Massachusetts, 26 (1,058); Rhode Island, 2 (20-99); Connecticut, 6 (100-249); East North Central—Michigan, 22 (1,333); Wisconsin, 4 (250-499); West North Central—Minnesota, 2 (1-19); Iowa, 2 (20-99); Kansas, 1 (20-99); South Atlantic—District of Columbia, 1 (1-19); North Carolina, 12 (250-499); Georgia, 11 (500-999); East South Central—Alabama, 6 (250-499); Mississippi, 2 (100-249); West South Central—Louisiana, 6 (100-249); Oklahoma, 3 (1-19); Texas, 17 (500-999); Mountain—Arizona, 4 (20-99); Utah, 1 (1-19); Pacific—Washington, 3 (20-99).

SIC 2515, Mattresses and Bedsprings: New England—Maine, 6 (20-99); New Hampshire, 4 (100-259); Vermont, 2 (1-19); Rhode Island, 3 (20-99); East North Central—Indiana, 25 (500-999); Illinois, 62 (2,409); Michigan, 37 (500-999); West North Central—North Dakota, 1 (1-19); South Dakota, 2 (1-19); South—Delaware, 2 (1-19); District of Columbia, 4 (20-99); Kentucky, 9 (100-249); Alabama, 21 (250-499); Mississippi, 12 (250-499); Louisiana, 22 (250-499); Mountain—Montana, 1 (1-19); Idaho, 5 (20-99); New Mexico, 5 (20-99); Utah, 6 (100-249); Nevada, 2 (1-19).

SIC 2519, Household Furniture, NEC: New England—Maine, 1 (1-19); Massachusetts, 3 (20-99); Connecticut, 2 (20-99); Middle Atlantic—New Jersey, 4 (250-499); Pennsylvania, 2 (1-19); East North Central—Ohio, 1 (100-249); Indiana, 1 (1-19); Illinois, 4 (20-99); Michigan, 1 (100-249); West North Central—Minnesota, 1 (20-99); Iowa, 2 (100-249); Missouri, 1 (1-19); South—North Carolina, 2 (20-99); Georgia, 2 (1-19); Kentucky, 1 (20-99); Mississippi, 1 (1-19); Louisiana, 1 (20-99); Texas, 3 (20-99).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

Table 2A.--General Statistics by Regions and States on Old SIC System. 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see Text)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unaadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2512	Wood Furniture, upholstered, total..	1,922	771	67,655	256,969	56,692	109,188	194,066	432,194	877,366	11,861	56,022	313,034	44,755
	New England.....	148	70	4,549	17,384	3,738	7,096	12,676	28,711	57,346	(3)	4,016	21,417	2,832
	Massachusetts....	99	52	2,977	10,745	2,457	4,687	8,180	17,082	35,607	(3)	3,196	17,406	1,947
	Connecticut.....	28	2	1,103	4,951	915	1,754	3,380	8,731	15,460	(3)	618	3,020	430
	Middle Atlantic...	456	122	10,446	44,568	8,543	16,483	33,722	73,791	144,286	1,248	9,987	63,861	8,190
	New York.....	293	69	6,120	27,798	4,975	9,367	20,924	45,292	84,461	836	6,170	41,234	5,600
	East North													
	Central.....	270	126	12,431	52,337	10,243	19,192	37,998	87,709	169,178	2,395	13,304	80,200	12,129
	Ohio.....	58	25	2,469	10,785	2,014	3,567	7,836	17,261	33,468	175	2,740	16,800	2,860
	Indiana.....	44	35	3,493	13,521	2,904	5,629	9,652	22,260	42,885	568	3,256	18,151	2,240
	Illinois.....	82	33	3,753	16,080	3,106	5,761	11,974	29,001	55,688	1,029	4,399	29,239	3,741
	Michigan.....	71	26	1,971	8,530	1,650	3,192	6,276	14,082	26,386	(3)	2,064	11,556	2,241
	Wisconsin.....	15	7	745	3,421	569	1,043	2,260	5,105	10,751	(D)	844	4,452	1,047
	West North													
	Central.....	90	39	2,609	10,940	2,183	4,162	7,676	17,021	37,860	537	2,527	14,468	2,359
	Minnesota.....	23	9	553	2,524	433	860	1,686	3,155	6,771	(3)	540	3,498	619
	Iowa.....	16	7	692	2,980	581	1,110	2,133	4,578	9,790	(3)	723	4,118	698
	South Atlantic....	341	172	16,727	54,384	14,375	28,052	42,355	92,344	191,759	2,391	10,911	51,982	8,312
	Maryland.....	24	10	908	2,824	727	1,455	2,285	5,055	10,757	(3)	498	2,500	632
	Virginia.....	16	11	1,532	5,525	1,339	2,665	4,012	9,973	21,357	(3)	1,170	6,267	784
	West Virginia...	9	4	264	733	221	400	553	1,207	2,326	(3)	280	943	145
	North Carolina..	204	107	10,885	35,663	9,536	18,445	28,353	61,276	126,340	1,706	7,060	34,029	5,454
	South Carolina..	8	3	362	428	206	335	308	730	1,414	(3)	44	277	115
	Georgia.....	31	19	1,715	5,660	1,457	3,040	4,233	8,696	17,942	(3)	1,336	5,545	842
	Florida.....	49	18	1,061	3,551	889	1,712	2,611	5,407	11,623	(3)	521	2,419	340
	East South													
	Central.....	121	70	7,515	23,099	6,296	12,548	17,390	43,285	94,247	1,913	4,656	19,821	3,219
	Kentucky.....	19	12	948	3,075	788	1,645	2,367	5,467	10,795	(3)	676	2,723	952
	Tennessee.....	62	35	4,329	13,669	3,728	7,382	10,485	22,423	50,571	934	2,968	12,948	1,942
	West South													
	Central.....	108	52	5,051	16,792	4,270	8,225	12,733	29,337	61,463	807	3,983	19,481	2,232
	Arkansas.....	24	13	1,357	4,367	1,185	2,020	3,362	7,161	16,714	(3)	890	4,209	507
	Louisiana.....	9	5	458	1,391	391	716	1,048	2,537	5,151	(D)	466	2,041	187
	Oklahoma.....	6	2	101	316	78	129	208	601	1,378	(D)	75	373	70
	Texas.....	69	32	3,135	10,718	2,616	5,360	8,115	19,038	38,220	634	2,551	12,857	1,468
	Mountain.....	36	12	767	2,970	673	1,390	2,361	4,356	10,144	(3)	460	2,905	361
	Colorado.....	15	5	294	1,200	259	481	949	1,805	4,024	(3)	260	1,319	158
	Utah.....	9	5	333	1,316	293	672	1,051	1,842	4,183	(D)	153	1,384	162
	Pacific.....	352	108	7,560	34,495	6,371	12,040	27,155	55,640	111,083	1,700	6,174	38,894	5,121
	Washington.....	16	5	440	1,662	339	576	1,227	2,497	4,913	(3)	551	3,060	953
	Oregon.....	17	4	493	2,215	431	853	1,715	3,723	7,206	(3)	359	1,899	602
	California.....	319	99	6,627	30,618	5,601	10,611	24,213	49,420	98,964	1,651	5,264	33,934	3,566
2515	Mattresses and bedsprings, total..	1,052	289	25,517	108,927	19,759	38,205	71,744	207,844	477,906	6,594	32,096	216,362	30,320
	New England.....	74	23	1,593	6,683	1,190	2,234	4,088	12,537	30,597	(3)	2,605	18,373	1,763
	Massachusetts....	46	17	1,205	5,100	891	1,676	3,119	9,332	22,848	(3)	1,994	13,968	1,391
	Connecticut.....	21	5	330	1,333	256	470	842	2,773	6,591	(3)	92	555	194
	Middle Atlantic...	231	62	5,351	24,949	4,082	7,493	15,830	45,477	102,767	879	6,418	45,102	6,576
	New Jersey.....	43	11	2,055	9,648	1,565	2,667	6,224	18,255	36,836	(3)	2,596	19,872	2,348
	North Central....	220	79	7,332	33,058	5,631	11,412	11,925	63,436	146,335	2,053	11,398	76,030	11,680
	Ohio.....	37	16	1,728	8,113	1,408	2,837	6,068	19,047	39,546	(3)	1,820	12,828	1,242
	Wisconsin.....	13	6	418	2,151	282	562	1,242	2,926	6,600	(3)	3,350	20,495	4,162
	Minnesota.....	12	6	540	3,075	392	712	1,717	4,822	10,627	(3)	590	3,959	661
	Iowa.....	12	1	168	787	118	220	386	1,339	4,677	(3)	165	979	(D)
	Missouri.....	20	5	475	1,890	333	636	1,115	4,082	10,762	(3)	411	3,666	652
	Nebraska.....	6	3	158	710	123	254	433	1,235	3,458	(3)	111	813	142
	Kansas.....	8	2	373	1,631	298	596	1,280	4,385	7,951	(3)	445	3,685	239

See footnotes at end of table.



Table 2A.--General Statistics by Regions and States on Old SIC System. 1958, 1954, and 1947--Continued

(For explanation of column captions see Introduction. For discussion of change in SIC see Text.)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted	Value of shipments	Capital expendi- tures, new	All em- ployees, number	Value added by manufac- ture, unadjusted	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Mattresses and bedsprings,--Con.													
	South.....	360	79	7,378	26,087	5,849	11,270	17,439	51,213	118,417	2,706	8,055	47,966	6,575
	Maryland.....	12	6	354	1,355	256	504	791	2,298	6,482	(3)	400	2,772	404
	Virginia.....	12	5	289	871	243	437	591	1,872	3,801	(3)	275	1,162	305
	North Carolina.....	42	9	762	2,460	611	1,091	1,551	4,291	11,497	(3)	614	3,367	403
	South Carolina.....	13	2	132	323	108	203	241	689	1,734	(3)	120	507	108
	Georgia.....	22	5	1,716	6,668	1,429	2,783	4,753	13,387	25,053	(3)	1,958	14,005	1,535
	Florida.....	49	13	894	3,007	659	1,340	2,059	6,317	14,259	(3)	650	3,950	416
	Tennessee.....	19	6	828	3,117	644	1,299	1,777	5,288	13,385	(3)	1,015	5,028	1,103
	Oklahoma.....	16	1	112	367	97	171	277	775	1,878	(3)	114	516	135
	Texas.....	94	17	1,293	4,622	1,012	1,966	3,206	10,944	25,216	(3)	1,770	11,530	750
	Mountain.....	41	9	578	2,513	452	936	1,509	5,103	11,669	81	411	2,956	396
	Colorado.....	12	6	314	1,578	242	517	856	3,417	7,760	(3)	213	1,683	141
	Arizona.....	12	2	144	481	115	222	318	936	2,101	(3)	99	670	116
	Pacific.....	126	37	3,285	15,628	2,555	4,860	10,953	30,078	68,121	549	3,207	25,932	3,330
	California.....	107	29	2,908	13,928	2,261	4,290	9,804	27,127	60,555	(3)	2,969	24,161	3,121

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2512, Wood Furniture, Upholstered: New England--Maine, 3 (1-19); New Hampshire, 12 (250-499); Vermont, 3 (1-19); Rhode Island, 3 (20-99); Middle Atlantic--New Jersey, 50 (1,411); Pennsylvania, 113 (2,500-4,999); West North Central--Missouri, 34 (500-999); South Dakota, 2 (1-19); Nebraska, 10 (250-499); Kansas, 5 (100-249); Mountain--Idaho, 3 (20-99); Wyoming, 2 (1-19); Arizona, 7 (100-249).

SIC 2515, Mattresses and Bedsprings: New England--Maine 6 (20-99); Rhode Island, 1 (1-19); Middle Atlantic--New York, 135 (2,141); Pennsylvania, 53 (1,155); North Central--Indiana, 21 (500-999); Illinois, 55 (2,314); Michigan, 34 (250-499); North Dakota, 1 (1-19); South Dakota, 1 (1-19); South--Delaware, 2 (1-19); District of Columbia, 4 (20-99); West Virginia, 8 (20-99); Kentucky, 9 (100-249); Alabama, 15 (100-249); Mississippi, 11 (100-249); Arkansas, 12 (100-249); Louisiana, 20 (100-249); Mountain--Montana, 1 (1-19); Idaho, 4 (1-19); New Mexico, 5 (20-99); Utah, 5 (20-99); Nevada, 2 (1-19); Pacific--Washington, 11 (250-499); Oregon, 8 (100-249).

<sup>2</sup>See footnote 10 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958

(For explanation of line captions, see Introduction)

Item	Wood furniture not upholstered (SIC 2511)	Wood furniture upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, nec (SIC 2519)
Primary product specialization ratio <sup>1</sup> .....	94	91	88	90	88
Coverage ratio <sup>2</sup> .....	94	92	88	88	68
Number of establishments, total.....	2,816	1,761	627	1,215	93
With 1-19 employees.....	1,885	1,078	354	838	61
With 20-99 employees.....	615	532	196	324	29
With 100 employees or more.....	316	151	77	53	3
Proprietors and working partners.....Number..	1,809	1,037	282	832	57
All employees:					
Number (average for the year).....	125,320	61,485	30,704	31,703	2,205
Payroll.....\$1,000..	442,181	233,646	125,627	132,258	8,383
Production workers:					
Number (average for the year).....	109,045	51,819	24,874	24,651	1,850
March.....	105,591	50,878	26,095	23,628	1,996
May.....	104,152	49,517	25,501	23,723	1,791
August.....	111,320	51,710	23,349	25,906	1,772
November.....	115,706	55,347	24,619	25,520	1,846
Man-hours.....1,000..	217,617	99,572	48,598	47,874	3,424
January-March.....do....	51,958	23,531	12,234	11,005	912
April-June.....do....	51,998	23,531	12,781	11,741	878
July-September.....do....	54,111	24,742	11,348	12,716	785
October-December.....do....	59,550	27,768	12,235	12,412	849
Wages.....\$1,000..	344,536	177,682	90,053	88,197	6,406
Cost of materials, etc., total.....do....	675,688	393,945	277,975	321,986	14,526
Materials, parts, containers, and supplies consumed.....do....	597,547	381,339	259,442	305,135	13,714
Cost of resales.....do....	60,600	5,552	9,482	13,339	430
Fuels consumed.....do....	4,397	1,595	2,051	1,189	61
Electricity purchased.....do....	8,739	2,996	2,926	1,880	134
Contract work.....do....	4,405	2,463	4,074	443	187
Value of shipments (including resales), total.....do....	1,378,630	783,100	501,147	572,150	30,643
Value of resales.....do....	66,939	7,204	11,488	16,042	542
Value added by manufacture, adjusted.....do....	704,660	391,243	218,746	248,801	16,176
Manufacturers' inventories:					
Beginning of year, total.....do....	216,885	81,864	73,113	69,497	4,556
Finished products.....do....	73,921	13,584	25,220	15,532	1,282
Work-in-process.....do....	54,954	13,983	13,238	8,017	1,142
Materials, supplies, fuel, etc.....do....	88,010	54,297	34,655	45,948	2,132
End of year, total.....do....	215,884	86,916	71,174	69,308	4,711
Finished products.....do....	76,254	15,150	22,093	14,823	1,304
Work-in-process.....do....	53,905	14,521	13,022	7,920	1,187
Materials, supplies, fuel, etc.....do....	85,725	57,245	36,059	46,565	2,220
Expenditures for plant and equipment, total.....do....	28,176	12,073	6,444	8,697	689
New, total.....do....	26,234	11,124	5,694	7,333	686
New structures and additions to plant.....do....	10,837	3,939	1,579	1,773	461
New machinery and equipment.....do....	15,397	7,185	4,115	5,560	(D)
Used plant and equipment.....do....	1,942	949	750	1,364	(D)

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2511	Wood furniture, not upholstered:											
	Number of establishments.....	2,816	1,036	450	399	390	225	202	79	26	9	...
	All employees:											
	Number.....	125,320	2,087	3,000	5,461	12,486	16,112	30,774	27,293	16,320	11,787	...
	Payroll.....\$1,000..	442,181	7,737	11,347	20,124	44,236	59,557	108,609	94,063	56,394	40,114	...
	Value added, adjusted..do....	704,660	15,208	18,243	29,949	69,226	92,976	165,996	158,004	92,756	62,302	...
	Value of shipments.....do....	1,378,630	32,718	37,575	60,840	136,426	178,322	306,850	321,505	192,852	111,542	...
	Capital expend., new...do....	26,234	1,953	1,383	1,619	2,636	3,583	4,352	4,640	3,218	2,850	...
2512	Wood furniture, upholstered:											
	Number of establishments.....	1,761	469	290	319	355	177	117	27	7	...	...
	All employees:											
	Number.....	61,485	998	1,915	4,427	11,034	12,237	17,484	8,920	4,470	...	...
	Payroll.....\$1,000..	233,646	3,451	6,435	16,856	41,479	46,849	65,226	36,010	17,340	...	...
	Value added, adjusted..do....	391,243	7,254	10,658	25,801	63,950	75,244	110,018	64,915	33,403	...	...
	Value of shipments.....do....	783,100	14,800	22,612	53,026	129,148	149,320	225,454	122,772	65,968	...	...
	Capital expend., new...do....	11,124	( <sup>1</sup> )	( <sup>1</sup> )	2,397	1,756	2,627	1,631	1,394	554	...	...
2514	Metal household furniture:											
	Number of establishments.....	627	162	102	90	133	63	49	22	6	...	...
	All employees:											
	Number.....	30,704	338	655	1,211	4,314	4,561	7,499	7,753	4,373	...	...
	Payroll.....\$1,000..	125,627	1,124	2,343	4,370	16,230	17,280	27,962	33,130	23,188	...	...
	Value added, adjusted..do....	218,746	2,508	3,997	9,063	29,925	30,896	50,825	49,969	41,563	...	...
	Value of shipments.....do....	501,147	6,814	10,550	23,868	63,525	71,084	121,955	121,849	81,502	...	...
	Capital expend., new...do....	5,694	( <sup>1</sup> )	(D)	( <sup>1</sup> )	1,060	580	1,376	768	1,080	...	...
2515	Mattresses and bedsprings:											
	Number of establishments.....	1,215	429	209	200	228	96	39	9	4	1	...
	All employees:											
	Number.....	31,703	914	1,391	2,851	7,220	6,442	5,853	7,032	(D)	(D)	...
	Payroll.....\$1,000..	132,258	2,496	4,620	11,014	28,475	27,754	25,298	32,601	(D)	(D)	...
	Value added, adjusted..do....	248,801	5,399	7,916	19,473	52,680	51,400	44,915	67,018	(D)	(D)	...
	Value of shipments.....do....	572,150	13,631	20,654	51,214	129,967	126,117	104,516	126,051	(D)	(D)	...
	Capital expend., new...do....	7,333	( <sup>1</sup> )	( <sup>1</sup> )	994	2,290	685	1,825	885	(D)	(D)	...
2519	Household furniture, nec:											
	Number of establishments.....	93	32	13	16	23	6	2	1	...	...	...
	All employees:											
	Number.....	2,205	72	84	232	715	<u>1,102</u>	(D)	(D)	...	...	...
	Payroll.....\$1,000..	8,383	200	331	821	2,718	<u>4,313</u>	(D)	(D)	...	...	...
	Value added, adjusted..do....	16,176	511	478	1,096	5,472	<u>8,619</u>	(D)	(D)	...	...	...
	Value of shipments.....do....	30,643	819	918	2,702	10,571	<u>15,633</u>	(D)	(D)	...	...	...
	Capital expend., new...do....	686	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	(D)	...	...	...

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.

## MANUFACTURES-INDUSTRY STATISTICS

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2511	Wood furniture, not upholstered, 1958..	1,378,630	1,225,106	77,842	75,682	94	1,301,830	1,225,106	76,724	94
	1954..	1,170,568	1,036,111	71,773	62,684	94	1,112,656	1,036,111	76,545	93
2512	Wood furniture, upholstered <sup>3</sup> ....1958..	783,100	704,696	67,675	10,729	91	764,691	704,696	59,995	92
2514	Metal household furniture.....1958..	501,147	426,168	59,796	15,183	88	484,593	426,168	58,425	88
	1954..	412,482	347,018	51,029	14,435	87	416,172	347,018	69,154	83
2515	Mattresses and bedsprings <sup>3</sup> .....1958..	572,150	498,171	52,459	21,520	90	569,476	498,171	71,305	88
2519	Household furniture, nec.....1958..	30,643	23,865	6,157	621	88	35,337	23,865	11,472	68
	1954..	15,812	12,925	2,118	769	86	21,726	12,925	8,801	59

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in Tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>As a result of the new SIC data for 1954 are not shown because of noncomparability with 1958.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Wood furniture not upholstered (SIC 2511)	Wood furniture upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture (nec 2519)	Millwork plants (SIC 2431)	Other industries	All industries
	Total shipments of the industry.....	1,378,630	783,100	501,147	572,150	30,643	xxx	xxx	xxx
	Household furniture.....	1,265,121	767,111	437,786	536,676	27,505	18,686	<sup>r</sup> 103,042	3,155,927
25111	Radio, phonograph and television wood cabinets..	109,776	195	(D)	...	(D)	(D)	3,354	114,011
25112	Other wood living room, library, sunroom and hall furniture.....	202,590	8,671	(D)	1,094	(D)	557	7,759	222,448
25113	Wood dining room and kitchen furniture (except cabinets).....	156,672	6,587	835	459	(D)	29	1,990	166,632
25114	Kitchen cabinets, wood.....	169,610	60	289	...	...	16,517	3,495	189,971
25115	Wood bedroom furniture.....	445,060	2,825	1,695	5,900	...	48	1,687	457,215
25116	Infants' and children's wood furniture.....	41,048	197	124	47	343	...	5,130	46,889
25117	Wood outdoor furniture; and unpainted wood furniture.....	49,201	740	(D)	(D)	...	462	2,213	52,908
25110	Wood household furniture except upholstered, nsk	51,149	(D)	93	...	...	(D)	428	51,756
25121	Upholstered wood household furniture.....	29,047	629,571	(D)	22,744	1,326	(D)	1,091	684,751
25126	Furniture frames for household furniture.....	741	34,180	(D)	271	...	<sup>r</sup> (D)	<sup>r</sup> 1,112	<sup>r</sup> 36,477
25123	Upholstered wood household furniture, nsk.....	(D)	40,945	...	411	...	...	1,944	43,463
25141	Metal household, dining and breakfast furniture..	247	202	137,535	53	...	...	4,981	143,018
25142	Metal kitchen furniture.....	644	(D)	72,867	(D)	...	(D)	16,649	90,271
25143	Metal porch, lawn and outdoor furniture.....	646	...	21,514	976	...	...	8,265	91,399
25144	Other metal household furniture.....	2,879	145	115,239	6,404	...	...	15,832	140,499
25140	Metal household furniture, nsk.....	...	...	19,013	...	...	...	393	19,406
25151	Innerspring mattresses and spring cushions.....	1,273	1,418	850	205,612	282	...	5,065	214,498
25152	Other mattresses.....	435	(D)	(D)	34,767	...	...	1,130	36,738
25153	Bedsprings.....	806	748	4,489	135,372	...	...	4,664	146,079
25154	Convertible sofas.....	(D)	18,385	(D)	55,726	...	...	1,226	76,292
25155	Jackknife sofa beds and chair beds.....	1,601	20,104	(D)	32,246	(D)	...	336	54,327
25156	Studio couches.....	297	1,647	137	14,111	...	...	1,125	17,317
25150	Mattresses and bedsprings, nsk.....	...	(D)	(D)	20,337	...	...	3,692	24,225
25190	Household furniture, nec.....	381	262	304	144	23,865	896	9,485	35,337
	Other products.....	37,827	5,260	48,178	13,954	2,517	xxx	xxx	xxx
22930	Paddings, upholstery filling, batting, and wadding.....	...	...	469	5,653	...	xxx	xxx	xxx
24317	Cabinetwork to be built in.....	2,897	...	(D)	...	...	xxx	xxx	xxx
25221	Chairs, stools, couches, etc., including upholstered.....	(D)	...	9,937	(D)	...	xxx	xxx	xxx
25311	School furniture, except stone and concrete.....	3,194	(D)	(D)	( <sup>1</sup> )	...	xxx	xxx	xxx
25312	Public building and related furniture, except school furniture.....	1,757	...	4,798	...	...	xxx	xxx	xxx
25410	Wood partitions, shelving, lockers, and office and store fixtures.....	3,263	(D)	251	...	...	xxx	xxx	xxx
25990	Furniture and fixtures, nec.....	(D)	110	3,793	774	...	xxx	xxx	xxx
32315	Mirrors.....	5,180	(D)	368	...	xxx	xxx	xxx	xxx
34310	Metal plumbing fixtures.....	...	...	5,121	...	...	xxx	xxx	xxx
34990	Fabricated metal products, nec.....	855	...	2,931	631	...	xxx	xxx	xxx
35860	Measuring and dispensing pumps.....	...	...	(D)	...	...	xxx	xxx	xxx
	All other products.....	20,256	5,033	17,893	6,808	2,517	xxx	xxx	xxx
	Miscellaneous receipts.....	75,682	10,729	15,183	21,520	621	xxx	xxx	xxx
	Contract and commission work.....	4,958	1,861	2,746	806	24	xxx	xxx	xxx
	Repair work.....	3,785	1,664	949	4,672	55	xxx	xxx	xxx
	Value of resales.....	66,939	7,204	11,488	16,042	542	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2511---	Wood household furniture, except upholstered, total.....	xxx	1,301,830	xxx	1,112,656
2511111	Radio, phonograph, television, and Hi-Fi cabinets and combinations thereof....	5,225	114,011	5,486	102,824
25112--	Other wood living room, library, sunroom, and hall furniture.....	xxx	222,448	xxx	212,056
2511211	Sewing machine cabinets.....	583	18,004	1,458	29,160
2511219	Other cabinets (records, music, sewing, smoking, etc.).....	xxx	8,539	(NA)	6,592
2511231	Chairs and rockers.....	1,254	14,712	1,159	12,334
2511241	Tables (all types) except card and telephone tables.....	8,174	127,470	12,066	120,666
2511251	Desks:				
	Quantity reported.....	469	14,465	396	14,726
	Quantity not reported.....	xxx	2,162		
2511271	Credenzas, book cases, and book shelves.....	xxx	10,884	xxx	7,645
2511281	Card tables and chairs (folding and nonfolding).....	xxx	3,129	xxx	6,793
2511298	Other nonupholstered living room furniture, nec.....	xxx	19,486	xxx	14,140
2511200	Other wood living room, library, sunroom, and hall furniture; nsk.....	xxx	13,597	xxx	(2)
25113--	Wood dining, junior dining, and kitchen furniture.....	xxx	166,632	xxx	158,499
2511311	Tables 30" x 40" and greater:				
	Quantity reported.....	679	35,541	1,014	45,667
	Quantity not reported.....	xxx	6,272		
2511331	Chairs.....	3,921	50,729	5,037	47,857
2511351	Buffets and servers.....	458	34,773	369	25,150
2511371	China and corner cabinets.....	351	25,530	303	20,894
2511381	Other dining, junior dining, and dinette furniture, nec.....	xxx	3,063	xxx	5,591
2511391	Breakfast sets.....	xxx	1,758	107	6,188
2511393	Other kitchen furniture.....	xxx	851	xxx	7,152
2511300	Wood dining, junior dining, and kitchen furniture, nsk.....	xxx	18,115	xxx	(2)
25114--	Kitchen cabinets, wood.....	xxx	189,971	xxx	113,033
	Complete kitchen cabinets (factory made) (including complete cabinets to be used as individual units, or to be combined with other cabinets to form a built-in unit) (including sink bases and fronts, wall and utility; excluding sink bowls, drainboards, and sink tops):				
2511412	Assembled.....	4,207	158,780	xxx	113,033
2511415	Unassembled.....	582	10,589		
2511410	Kitchen cabinets (factory made) not identified as assembled or unassembled	xxx	20,602		
25115--	Wood bedroom furniture.....	xxx	457,215	xxx	390,735
2511511	Beds (excluding headboards, headboard beds, bunk beds, cribs, cradles, hollywood beds, and youth beds).....	2,002	54,861	2,603	63,320
2511513	Headboards and headboard beds.....	2,092	50,198	1,313	28,994
2511515	Bunk beds (excluding mattresses and detachable springs).....	573	15,484	420	7,133
2511521	Dressers, vanities, and dressing tables.....	2,982	160,555	2,439	134,804
2511531	Chests of drawers, wardrobes, chiffoniers, chifforobes, etc.....	2,947	113,229	2,599	92,591
2511541	Cedar chests:				
	Quantity reported.....	340	9,701	535	15,342
	Quantity not reported.....	xxx	1,668		
2511551	Chairs, rockers, benches, and chaise lounges (excluding upholstered).....	214	2,819	194	2,522
2511598	Other bedroom furniture (excluding items listed under mattresses and bedsprings).....	xxx	32,027	xxx	46,029
2511500	Bedroom furniture, nsk.....	xxx	16,673	xxx	(2)
25116--	Infants' and children's wood furniture.....	xxx	46,889	xxx	52,388
2511611	Cribs, including springs sold as part of the crib.....	952	19,332	1,051	17,691
2511631	High chairs, and combination feeding chair tables.....	358	4,632	583	6,701
2511642	Play yards and play pens.....	609	5,880	594	5,078
2511698	Other infants' and children's furniture.....	xxx	12,264	xxx	22,918
2511600	Infants' and children's wood furniture, nsk.....	xxx	14,781	xxx	(2)
25117--	Wood outdoor furniture, and unpainted wood furniture.....	xxx	52,908	xxx	44,507
2511712	Cots, folding, of wood and canvas.....	379	1,277	xxx	13,485
2511721	Chairs, rockers, benches, and chaise lounges (including steamer and deck chairs).....	1,276	9,163		
2511729	Other wood porch, lawn, and beach furniture.....	xxx	4,405		
	Unpainted wood furniture (furniture-in-the-white):				
2511745	Chest of drawers.....	604	7,166	743	9,154
2511749	Other unpainted furniture.....	xxx	14,477	xxx	13,626
2511798	Other nonupholstered wood household furniture.....	xxx	9,764	xxx	8,242
2511700	Wood outdoor furniture and unpainted wood furniture, nsk.....	xxx	16,656	xxx	(2)
2511000	Wood household furniture, except upholstered, nsk.....	xxx	51,756	xxx	38,614

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2512--	Wood household furniture, upholstered, total.....	xxx	764,691	xxx	559,236
25121--	Upholstered wood household furniture.....	xxx	684,751	xxx	507,969
2512112	Sofas, davenports (excluding dual-purpose), settees and love seats, excluding chairs sold as part of suites and sectional sofa pieces.....	2,109	208,566	xxx	468,833
2512112	Chairs (except reclining).....	6,999	220,970		
2512141	Sectional sofa pieces (including pieces seating one person).....	1,687	125,154		
2512145	Rockers.....	1,493	42,761		
2512151	Reclining chairs.....	675	29,809	373	19,519
2512172	Bedroom chairs, benches, and chaise lounges:				
	Quantity reported.....	153	3,569	500	10,442
	Quantity not reported.....	xxx	1,530		
2512193	Other upholstered wood household furniture (ottomans, hassocks, etc.).....	xxx	11,455	xxx	9,175
2512198	Wood household furniture, upholstered, except dual purpose				
2512198	sleep furniture, nsk.....	xxx	440,937	xxx	( <sup>a</sup> )
25126--	Furniture frames for household furniture.....	xxx	36,477	xxx	31,247
2512611	Wood furniture frames for household furniture.....	xxx	36,477	xxx	31,247
2512600	Wood household furniture, upholstered, nsk.....	xxx	443,463	xxx	20,020
251----	Metal household furniture, total.....	xxx	484,593	xxx	416,172
25141--	Metal household dining and breakfast furniture.....	xxx	143,018	xxx	127,028
	Tubular metal (including chairs whether padded or plain):				
2514111	Sets (table and 4 chairs).....	2,225	5104,626	1,423	72,178
2514115	Tables (not sold with a set).....	333	8,652	682	16,227
2514117	Chairs (not sold with a set).....	2,340	14,226	3,728	19,319
2514193	Other nonupholstered metal dining, dinette, and breakfast furniture, nec....	xxx	6,323	xxx	19,304
2514100	Metal dining, dinette, and breakfast furniture, nsk.....	xxx	19,191	xxx	( <sup>a</sup> )
25142--	Metal kitchen furniture.....	xxx	90,271	xxx	114,813
2514211	Cabinets, such as base, top and base, wall, utility, etc.....	xxx	65,335	xxx	101,454
2514251	Chairs and stools (including padded):				
	Quantity reported.....	1,794	10,973	2,506	12,440
	Quantity not reported.....	xxx	2,248		
2514271	Tables (including hostess carts).....	716	8,282	95	919
2514200	Metal kitchen furniture, nsk.....	xxx	13,433	xxx	( <sup>a</sup> )
25143--	Metal porch, lawn, and outdoor furniture (including steamer and deck chairs)..	xxx	91,399	xxx	54,940
2514311	Chairs, rockers, benches, chaise lounges, and settees.....	10,305	72,190	xxx	35,226
2514351	Gliders, swings, and hammocks.....	xxx	5,767	xxx	9,188
2514393	Other metal porch, lawn, and beach furniture.....	xxx	8,392	xxx	10,526
2514300	Metal porch, lawn, and other outdoor furniture, nsk.....	xxx	15,050	xxx	( <sup>a</sup> )
25144--	Other metal household furniture.....	xxx	140,499	xxx	106,927
	Metal beds and cots (excluding mattresses and bedsprings and hospital beds):				
2514431	Folding cots and rollable cots, including army cots:				
	Quantity reported.....	516	5,402	1,029	8,234
	Quantity not reported.....	xxx	1,800		
2514435	Other metal beds.....	(NA)	4,806	690	5,523
2514430	Metal beds and cots (except hospital beds), nsk.....	xxx	2,912	xxx	( <sup>a</sup> )
2514451	Upholstered living room and sunroom furniture (excluding dual-purpose units listed under, "wood household furniture, upholstered").....	xxx	7,837	xxx	9,947
2514459	Other upholstered metal furniture.....	xxx	3,984	xxx	8,869
	Miscellaneous metal household furniture:				
2514471	Card tables and chairs.....	xxx	23,231	xxx	19,401
2514475	Medicine wall cabinets:				
	Quantity reported.....	2,418	20,733	1,750	18,432
	Quantity not reported.....	xxx	3,949		
2514498	Other metal household furniture, including metal radio, phonograph, TV, and Hi-Fi cabinets, infants' high chairs and tables.....	xxx	755,045	xxx	733,831
2514400	Other metal household furniture, nsk.....	xxx	110,800	xxx	( <sup>a</sup> )
2514000	Metal house furniture, nsk.....	xxx	19,406	xxx	12,464
2515--	Mattresses and bedsprings.....	xxx	569,476	xxx	517,029
25151--	Innerspring mattresses and spring cushions.....	xxx	214,498	xxx	182,545
2515101	Spring cushions:				
	Quantity reported.....	617	4,296	xxx	( <sup>a</sup> )
	Quantity not reported.....	xxx	1,362		

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2515---	Mattresses and bedsprings--Continued				
25151--	Innerspring mattresses and spring cushions--Continued				
	Innerspring mattresses, including those with rubber or latex topper pads and those sold as parts of Hollywood beds:				
	For cribs:				
2515111	Quantity reported.....	1,046	7,846	964	8,188
	Quantity not reported.....	xxx	2,569		
2515115	For other beds.....	8,176	184,282	7,953	174,347
2515199	Innerspring mattresses, nsk.....	xxx	114,143	xxx	(8)
2515100					
25152--	Other mattresses.....	xxx	36,738	xxx	58,423
2515231	Rubber or latex core mattresses.....	595	24,094	621	25,349
	Other mattresses and pads:				
	For cribs and infants' baskets:				
2515241	Quantity reported.....	709	2,596	2,062	9,686
	Quantity not reported.....	xxx	1,060	xxx	1,969
2515245	For other beds:				
	Quantity reported.....	484	5,210	1,232	17,269
	Quantity not reported.....	xxx	778	xxx	1,986
2515200	Other mattresses and pads.....	xxx	13,000	xxx	2,164
25153--	Bedsprings.....	xxx	146,079	xxx	132,607
2515311	Box springs.....	5,538	125,455	(NA)	103,792
2515331	Coil springs:				
	Quantity reported.....	356	4,477	(NA)	20,428
	Quantity not reported.....	xxx	1,190		
2515351	Flat springs (including bunk bed):				
	Quantity reported.....	684	5,024	1,039	5,097
	Quantity not reported.....	xxx	818	xxx	1,272
2515371	Hospital bedsprings, gatch, and other types.....	(NA)	4,370	xxx	2,018
2515300	Bedsprings, nsk.....	xxx	14,745	xxx	(8)
25154--	Convertible sofas.....	xxx	76,292	xxx	73,654
2515421	From purchased mattresses:				
	Quantity reported.....	320	37,433	(NA)	(NA)
	Quantity not reported.....	xxx	5,593	(NA)	(NA)
2515431	From mattresses produced at same location.....	269	30,737	(NA)	(NA)
2515400	Convertible sofas, nsk.....	xxx	2,529	xxx	(3)
25155--	Jackknife sofa beds and chair beds.....	xxx	54,327	xxx	38,645
2515511	Jackknife sofa beds.....	1,026	51,813	660	34,905
2515541	Chair beds:				
	Quantity reported.....	42	1,885	89	3,073
	Quantity not reported.....	xxx	629	xxx	667
2515611	Studio couches:				
	Quantity reported.....	344	17,317	323	15,958
	Quantity not reported.....			xxx	2,791
2515000	Mattresses and bedsprings, nsk.....	xxx	24,225	xxx	12,406
2519---	Household furniture, nec.....	xxx	35,337	xxx	21,726
25190--	Household furniture, nec.....	xxx	35,337	xxx	21,726
2519011	Plastic cabinets, radio, phonograph, TV, Hi-Fi, and combination thereof....	(NA)	6,641	5,007	11,081
2519032	Reed and rattan furniture (including willow, wicker, and cane).....	xxx	11,253	xxx	6,971
2519098	Other household furniture, including plastic furniture.....	xxx	15,462	xxx	3,324
2519000	Other household furniture, nec, nsk.....	xxx	1,981	xxx	350

NA Not available.

<sup>1</sup>Largely accounted for by shipments of small establishments that were asked to report a breakdown of their shipments by product class only.

<sup>2</sup>Included in "Wood household furniture, except upholstered, nsk" (2511000) in 1954.

<sup>3</sup>Included in "Wood household furniture, upholstered, nsk" (2512000) in 1954.

<sup>4</sup>Not directly comparable to 1954 due to industry reclassification.

<sup>5</sup>Includes an indeterminate amount of sets with more than 4 chairs.

<sup>6</sup>Included in "Metal household furniture, nsk" (2514000) in 1954.

<sup>7</sup>Includes an indeterminate amount of metal bed frames.

<sup>8</sup>Included in mattresses and bedsprings, nsk, in 1954.

<sup>9</sup>Includes an estimated overstatement, for value of shipments of \$12 million resulting from the erroneous classification of bedspring components and industrial springs as bedsprings by a limited number of establishments.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments			Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Radio, phonograph, and TV wood cabinets (2511):</b>				<b>Other living room, library, sunroom, and hall furniture (25112)--</b>	1958 <sup>1</sup>	1954	<b>Kitchen cabinets, wood (25114)<sup>2</sup>--Continued</b>		
United States, total:				Continued			United States, total--		
1958.....		114,011		South Atlantic.....	50,624	35,430	Continued		
1957.....		102,208		Maryland.....	2,668	1,894	1955.....		144,636
1956.....		99,940		Virginia.....	15,348	10,517	1954.....		7126,373
1955.....		102,792		North Carolina.....	19,321	15,000	1947.....		754,186
1954.....		102,824		Georgia.....	3,332	4,734		1958 <sup>1</sup>	1954
1953.....		<sup>2</sup> 142,286		Florida.....	2,137	( <sup>4</sup> )	New England.....	4,842	4,452
1952.....		<sup>2</sup> 134,196		East South Central.....	19,462	19,329	Massachusetts.....	2,754	2,369
1951.....		<sup>2</sup> 145,990		Kentucky.....	4,054	4,322	Middle Atlantic.....	<sup>1</sup> 45,705	33,196
1950.....		<sup>2</sup> 231,713		Tennessee.....	6,525	6,295	New York.....	15,928	12,977
1947.....		102,267		Alabama.....	4,514	( <sup>4</sup> )	New Jersey.....	6,993	5,266
	1958 <sup>1</sup>		1954	Mississippi.....	4,369	( <sup>4</sup> )	Pennsylvania.....	<sup>2</sup> 22,784	14,953
	Quantity	Value	value	West South Central.....	14,149	9,244	East North Central.....	37,847	25,268
	(1,000	(\$1,000)	(\$1,000)	Arkansas.....	9,992	6,068	Ohio.....	3,281	1,310
	units)			Texas.....	2,317	1,962	Indiana.....	18,246	10,593
New England.....	80	3,385	2,261	Pacific.....	16,667	12,319	Illinois.....	7,854	6,852
Connecticut.....	38	1,792	1,994	Washington.....	1,181	1,268	Michigan.....	3,364	2,167
Middle Atlantic.....	1,104	24,429	28,820	Oregon.....	1,013	( <sup>4</sup> )	Wisconsin.....	5,102	4,345
New York.....	440	8,608	( <sup>3</sup> )	California.....	14,473	10,229	West North Central.....	10,155	10,500
Pennsylvania.....	649	15,404	16,660				Minnesota.....	3,139	2,612
East North Central.....	<sup>1</sup> 2,629	56,840	54,785	<b>Wood dining room and</b>	Value of		Iowa.....	4,870	5,719
Indiana.....	1,421	31,912	29,985	<b>kitchen furniture (25113):<sup>5</sup></b>	shipments		Missouri.....	992	1,483
Illinois.....	799	18,153	16,777	United States, total:			South Atlantic.....	30,753	18,259
Michigan.....	171	4,341	5,685	1958.....		166,632	Maryland.....	2,592	1,657
Wisconsin.....	237	2,395	2,289	1957.....		160,890	Virginia.....	1,684	3,217
South Atlantic.....	328	8,020	8,052	1956.....		171,642	Georgia.....	3,135	1,364
Virginia.....	119	3,657	( <sup>3</sup> )	1955.....		160,261	Florida.....	11,840	4,051
East South Central.....	815	16,119	6,712	1954.....		145,159			
West South Central.....	43	1,094	( <sup>4</sup> )	1953.....		<sup>2</sup> 152,242	East South Central.....	11,723	4,483
Texas.....	41	1,030	( <sup>4</sup> )	1952.....		<sup>2</sup> 141,632	Kentucky.....	7,453	3,070
Pacific.....	51	2,207	1,521	1951.....		<sup>2</sup> 159,135	Tennessee.....	1,363	( <sup>4</sup> )
California.....	51	2,201	1,479	1950.....		<sup>2</sup> 151,967	Alabama.....	1,554	( <sup>4</sup> )
				1947.....		112,568	Mississippi.....	1,353	( <sup>4</sup> )
					1958 <sup>1</sup>	1954	West South Central.....	5,946	4,635
<b>Other living room, library, sunroom, and hall furniture (25112):</b>	Value of			New England.....	19,103	13,683	Texas.....	4,949	3,789
United States, total:	shipments			Vermont.....	6,299	2,133	Mountain.....	3,849	1,230
1958.....		222,448		Massachusetts.....	9,966	9,047	Arizona.....	2,535	( <sup>4</sup> )
1957.....		253,259		Middle Atlantic.....	18,640	14,517	Pacific.....	39,151	24,334
1956.....		236,869		New York.....	8,562	7,564	Washington.....	8,709	5,528
1955.....		225,400		New Jersey.....	2,313	( <sup>4</sup> )	Oregon.....	1,183	( <sup>4</sup> )
1954.....		212,056		Pennsylvania.....	<sup>1</sup> 7,765	<sup>1</sup> 5,997	California.....	29,259	18,200
1953.....		<sup>2</sup> 219,061		East North Central.....	24,755	28,925			
1952.....		<sup>2</sup> 219,846		Indiana.....	9,578	10,064	<b>Wood bedroom furniture</b>	Value of	
1951.....		<sup>2</sup> 204,739		Michigan.....	7,488	8,332	<b>(25115):</b>	shipments	
1950.....		<sup>2</sup> 200,244		Wisconsin.....	5,305	5,455	United States, total:		
1947.....		166,869		West North Central.....	787	2,358	1958.....		457,215
	1958 <sup>1</sup>		1954	South Atlantic.....	81,509	66,039	1957.....		443,916
New England.....	18,182		14,058	Virginia.....	18,743	13,278	1956.....		489,686
Maine.....	1,070	( <sup>4</sup> )		North Carolina.....	58,182	47,012	1955.....		465,135
New Hampshire.....	3,031	2,563		Georgia.....	1,260	1,264	1954.....		390,735
Vermont.....	2,238	( <sup>4</sup> )		Florida.....	1,391	( <sup>4</sup> )	1953.....		<sup>2</sup> 438,715
Massachusetts.....	10,182	8,677		East South Central.....	8,427	7,343	1952.....		<sup>2</sup> 410,880
Connecticut.....	1,661	1,366		Kentucky.....	4,247	3,463	1951.....		<sup>2</sup> 379,160
Middle Atlantic.....	28,348	31,521		Tennessee.....	4,139	( <sup>3</sup> )	1950.....		<sup>2</sup> 388,018
New York.....	21,051	19,388		West South Central.....	3,488	3,393	1949.....		<sup>2</sup> 287,512
New Jersey.....	2,376	6,191		Arkansas.....	2,265	2,565	1947.....		345,028
Pennsylvania.....	4,921	5,942		Texas.....	1,207	( <sup>4</sup> )		1958 <sup>1</sup>	1954
East North Central.....	71,514	86,703		Pacific.....	9,854	9,129	New England.....	13,880	16,634
Ohio.....	14,631	8,472					New Hampshire.....	2,003	2,921
Indiana.....	16,399	29,231		<b>Kitchen cabinets, wood</b>	Value of		Vermont.....	5,390	4,806
Illinois.....	21,544	25,533		<b>(25114)<sup>5</sup></b>	shipments		Massachusetts.....	5,527	7,494
Michigan.....	17,219	20,396		United States, total:			Middle Atlantic.....	41,816	45,241
Wisconsin.....	1,721	3,070		1958.....		189,971	New York.....	22,882	25,278
West North Central.....	2,322	2,394		1957.....		154,852	New Jersey.....	4,750	4,882
Missouri.....	1,434	1,447		1956.....		153,668	Pennsylvania.....	15,081	14,184

See footnotes at end of table.

for 1958 and 1954, and United States Totals for Selected Years—Continued

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		
<u>Metal porch, lawn, and garden furniture (2515)--Continued</u>	1958 <sup>1</sup>	1954	<u>Innerspring mattresses and spring cushions and other mattresses (25151 and 25152)--Continued</u>	1958 <sup>1</sup>	1954	<u>Bedsprings (25153)-- Continued</u>	1958		
East North Central.....	16,869	16,287	West North Central.....	18,461	18,331	Mountain.....	3,541		
Ohio.....	5,431	5,368	Minnesota.....	3,903	4,265	Colorado.....	2,454		
Indiana.....	6,995	7,197	Iowa.....	2,014	1,430	Pacific.....	20,817		
West North Central.....	4,453	(*)	Missouri.....	7,178	6,335	Washington.....	1,882		
South Atlantic.....	16,778	7,890	South Atlantic.....	32,252	26,179	California.....	18,342		
Florida.....	13,410	5,777	Maryland.....	3,674	3,464	<u>Convertible sofas (25154):</u>	Value of shipments		
East South Central.....	1,698	1,824	Virginia.....	1,350	1,806	United States, total:			
Alabama.....	1,670	(*)	North Carolina.....	6,284	4,621	1958.....	76,292		
West South Central.....	2,043	1,427	Georgia.....	9,352	9,178	1957.....	95,143		
Pacific.....	7,735	2,539	Florida.....	8,262	4,401	1956.....	96,432		
<u>Other metal household furniture (25144):</u>	Value of shipments		East South Central.....	10,787	8,756	1955.....	95,191		
United States, total:			Kentucky.....	1,926	2,021	1954.....	73,654		
1958.....	140,499		Tennessee.....	6,134	5,066	1953.....	280,709		
1957.....	147,436		Alabama.....	1,993	1,282		1958		
1956.....	144,283		West South Central.....	18,719	15,910	Quantity (1,000 units)	Value (\$1,000)	1954 value (\$1,000)	
1955.....	151,523		Arkansas.....	1,316	(*)	New England.....	20	2,294	
1954.....	106,927		Louisiana.....	1,954	1,442	Massachusetts.....	14	1,439	
1953.....	290,589		Oklahoma.....	1,702	(*)	Middle Atlantic.....	154	18,413	
1952.....	276,636		Texas.....	13,747	12,864	New York.....	65	7,690	
1951.....	283,532		Mountain.....	6,883	4,636	New Jersey.....	65	8,910	
1950.....	282,184		Colorado.....	4,310	2,417	Pennsylvania.....	24	1,813	
1958			Arizona.....	1,326	1,060	East North Central.....	104	13,256	
New England.....	6,292		Pacific.....	33,748	28,615	Ohio.....	25	3,171	
Maine.....	5,742		Washington.....	3,042	3,055	Indiana.....	18	2,446	
Middle Atlantic.....	30,965		California.....	29,787	24,633	Illinois.....	45	5,686	
New York.....	11,150			Value of shipments	West North Central.....	56	6,839	4,974	
New Jersey.....	2,874		<u>Bedsprings (25153):</u>		Minnesota.....	16	1,815	(*)	
Pennsylvania.....	16,941		United States, total:		Missouri.....	21	2,212	1,240	
East North Central.....	69,671		1958.....	146,079	Nebraska.....	7	1,014	(*)	
Ohio.....	15,073		1957.....	814,575	Kansas.....	10	1,532	(*)	
Indiana.....	15,882		1956.....	814,598	South Atlantic.....	128	8,907	8,985	
Illinois.....	22,309		1955.....	140,820	North Carolina.....	24	1,940	1,598	
Michigan.....	9,724		1954.....	132,607	Georgia.....	26	3,520	4,878	
Wisconsin.....	6,683		1953.....	2120,476	Florida.....	11	1,096	(*)	
West North Central.....	2,359		1952.....	2110,359	East South Central.....	44	4,882	3,254	
Missouri.....	1,943		1951.....	299,023	Tennessee.....	38	4,072	2,567	
South Atlantic.....	3,556		1950.....	2103,664	West South Central.....	48	5,892	3,497	
East South Central.....	4,892		1949.....	274,356	Texas.....	36	4,706	2,787	
West South Central.....	4,302		1947.....	76,991	Mountain.....	8	1,097	(*)	
Pacific.....	10,825		1958		Pacific.....	124	14,707	10,091	
<u>Innerspring mattresses and spring cushions and other mattresses (25151 and 25152):</u>	Value of shipments		New England.....	10,360	California.....	116	13,727	8,808	
United States, total:			Massachusetts.....	7,333	Value of shipments				
1958.....	251,236		Connecticut.....	2,599	Jackknife sofa beds and chair beds (25155):				
1957.....	233,124		Middle Atlantic.....	32,180	United States, total:				
1956.....	272,184		New York.....	12,916	1958.....	54,327			
1955.....	264,494		New Jersey.....	11,410	1957.....	42,979			
1954.....	240,968		Pennsylvania.....	7,854	1956.....	44,069			
1953.....	217,672		East North Central.....	36,511	1955.....	43,577			
1952.....	216,560		Ohio.....	12,137	1954.....	38,645			
1951.....	221,745		Indiana.....	7,419	1953.....	236,832			
1950.....	2196,945		Illinois.....	12,190	1958 <sup>1</sup>				
1949.....	2165,879		Michigan.....	1,993	Quantity (1,000 units)	Value (\$1,000)			
1947.....	177,403		Wisconsin.....	2,772	New England.....	94	4,373		
1958 <sup>1</sup>		1954	West North Central.....	12,552	Massachusetts.....	76	3,540		
New England.....	16,522	22,012	Minnesota.....	3,143	Middle Atlantic.....	103	5,176		
Massachusetts.....	12,555	13,352	Missouri.....	5,289	New York.....	33	1,725		
Connecticut.....	3,023	3,456	Kansas.....	2,835	New Jersey.....	50	2,199		
Middle Atlantic.....	52,684	57,246	South Atlantic.....	18,134	Pennsylvania.....	21	1,252		
New York.....	23,193	25,635	Maryland.....	2,251	East North Central.....	179	8,905		
New Jersey.....	17,336	19,336	North Carolina.....	3,990	Ohio.....	27	1,368		
Pennsylvania.....	12,155	12,274	Georgia.....	5,686	Indiana.....	71	3,352		
East North Central.....	60,065	66,745	Florida.....	4,163	Illinois.....	49	2,622		
Ohio.....	21,878	17,167	East South Central.....	5,557	Michigan.....	24	1,104		
Indiana.....	7,016	5,050	Kentucky.....	885					
Illinois.....	21,335	19,827	Tennessee.....	3,648					
Michigan.....	4,596	5,360	West South Central.....	10,065					
Wisconsin.....	5,240	19,341	Louisiana.....	1,128					
			Texas.....	7,763					

See footnotes at end of table.

<sup>a</sup>Source: Facts for Industry Series M25E, Mattresses and Bedsprings. These estimates are subject to sampling errors as shown in the reports for the individual years.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958		1954	
			Quantity	Cost (\$1,000)	Quantity	Cost (\$1,000)
	INDUSTRY 2511—WOOD FURNITURE, NOT UPHOLSTERED					
	Materials, parts, containers, and supplies, total.....		xxx	597,547	xxx	505,970
242113	Hardwood lumber, rough and dressed:					
	Quantity reported.....	1,000 bd. ft..	854,121	112,964	947,640	106,165
	Quantity not reported.....		xxx	11,108	xxx	xxx
242117	Softwood lumber, rough and dressed:					
	Quantity reported.....	1,000 bd. ft..	190,843	23,294	204,634	20,447
	Quantity not reported.....		xxx	3,302	xxx	xxx
242213	Hardwood veneer.....	1,000 sq. ft. (surf. meas.)	1,051,346	37,302	992,191	32,409
243211	Hardwood plywood:					
	Veneer core:					
	Quantity reported.....	...do.....	222,832	31,337	xxx	36,537
	Quantity not reported.....		xxx	4,682	xxx	xxx
243213	Lumber core (including particle board core).....	1,000 sq. ft. (surf. meas.)	40,981	11,684	44,298	14,367
243215	Softwood plywood:					
	Quantity reported.....	1,000 sq. ft. (3/8" bases).	70,537	9,028	(NA)	6,901
	Quantity not reported.....		xxx	1,593	xxx	xxx
243217	Particle board.....	1,000 sq. ft. (3/8" bases).	49,505	5,477	xxx	(1)
242131	Rough, surfaced, or semi-fabricated hardwood dimension:					
	Quantity reported.....	1,000 bd. ft..	50,897	13,096	75,808	18,466
	Quantity not reported.....		xxx	3,596	xxx	xxx
251211	Furniture parts, wood (including frames).....		xxx	22,512	xxx	16,251
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331212	Sheet and strip.....	Short tons....	10,161	1,789	18,388	2,585
331219	All other carbon steel mill shapes and forms (including tubing)....	...do.....	(NA)	879	9,701	2,174
331225	Alloy steel mill shapes and forms (except stainless).....	...do.....	(NA)	271	336	148
331231	Stainless steel mill shapes and forms.....	...do.....	(NA)	143	214	229
335257	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	(NA)	672	1,714	744
335259						
348913	Springs, innerspring units, and box spring constructions.....	Short tons....	7,735	3,140	xxx	2,816
	Woven upholstery fabrics (excluding ticking and muslin):					
223315	Cotton.....	1,000 lin. yds	(NA)	2,534	3,927	5,492
223431	Other (rayon, nylon, etc.):					
	Quantity reported.....	...do.....	1,772	2,748		
	Quantity not reported.....		xxx	340	xxx	xxx
229511	Coated, impregnated or laminated fabric.....	1,000 lin. yds	1,846	1,116	xxx	(1)
282315	Unsupported plastic film and sheets (excluding packaging material).....	1,000 sq. yds.	(NA)	1,522	xxx	(1)
309929	Rubber or latex cores for mattresses, excluding topper pads.....	each.....	(NA)	610	xxx	(1)
229311	Paddings and fillings, except latex foam:					
	Quantity reported.....	1,000 lbs.....	4,059	1,473	xxx	2,812
	Quantity not reported.....		xxx	260	xxx	xxx
970099	All other materials and components, parts, containers, and supplies consumed.....		xxx	195,707	xxx	181,156
973000	All other materials, components, parts, containers, and supplies, nsk.....		xxx	93,368	xxx	52,500
			1958			
			Quantity		Cost (\$1,000)	
	INDUSTRY 2512—WOOD FURNITURE, UPHOLSTERED					
	Materials, parts, containers, and supplies, total.....			xxx		381,339
242113	Hardwood lumber, rough and dressed.....	1,000 bd. ft..		281,056		28,526
242117	Softwood lumber, rough and dressed.....	...do.....		31,123		2,950
243211	Plywood, total.....					
243213				xxx		1,526
243215						
242131	Rough, surfaced, or semi-fabricated hardwood dimension.....	1,000 bd. ft..		21,545		5,079
251211	Furniture parts, wood (including frames).....			xxx		31,314
	Carbon steel mill shapes and forms:					
331212	Sheet and strip.....	Short tons....		(NA)		555
331219	All other carbon steel mill shapes and forms (including tubing)....	...do.....		(NA)		1,219
348913	Springs, innerspring units, and box spring constructions.....	...do.....		(NA)		21,305

See footnotes at end of table.

Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Unit of measure	1958			
			Quantity		Cost (\$1,000)	
INDUSTRY 2512—WOOD FURNITURE, UPHOLSTERED—Continued						
251221	Constructions for dual-purpose sleep furniture.....			xxx		3,171
223315	Woven upholstery fabrics (excluding ticking and muslin):					
	Cotton:					
	Quantity reported.....	1,000 lin. yds		31,672		44,447
	Quantity not reported.....			xxx		3,454
223431	Other (rayon, nylon, etc.):					
	Quantity reported.....	1,000 lin. yds		17,540		38,582
	Quantity not reported.....			xxx		7,582
223311	Ticking (mattress).....	1,000 lin. yds		(NA)		890
229511	Coated, impregnated or laminated fabric:					
	Quantity reported.....	...do.....		1,831		3,053
	Quantity not reported.....			xxx		497
282315	Unsupported plastic film and sheets (excluding packaging material).....	1,000 sq. yds.		(NA)		3,194
288113	Cotton linters (net weight).....	1,000 lbs....		59,758		8,720
309929	Rubber or latex cores for mattresses, excluding topper pads.....	each.....		(NA)		14,108
229311	Paddings and fillings, except latex foam.....	1,000 lbs....		(NA)		12,035
970099	All other materials and components, parts, containers, and supplies consumed.....			xxx		86,730
973000	All other materials and components, parts, containers, and supplies, nsk.....			xxx		62,402
			1958		1954	
			Quantity	Cost	Quantity	Cost
				(\$1,000)		(\$1,000)
INDUSTRY 2514—METAL HOUSEHOLD FURNITURE						
Materials, parts, containers, and supplies, total.....			xxx	259,442	xxx	205,029
242113	Hardwood lumber, rough and dressed.....	1,000 bd. ft..	(NA)	574	10,385	1,146
242117	Softwood lumber, rough and dressed.....	...do.....	(NA)	1,054		
Hardwood plywood:						
Veneer core:						
243211	Quantity reported.....	1,000 sq. ft. (surf. meas.)	10,544	2,735	18,568	3,581
	Quantity not reported.....		xxx	600	xxx	xxx
243213	Lumber core (including particle board core).....	1,000 sq. ft. (surf. meas.)	(S)	809	xxx	(1)
243215	Softwood plywood.....	1,000 sq. ft. 3/8" bases) ..	12,428	2,092	11,729	1,921
243217	Particle board.....	...do.....	16,374	1,946	xxx	(1)
251211	Furniture parts, wood including frames.....		xxx	6,377	xxx	4,304
Mill shapes and forms (except castings):						
Carbon steel (including wrought iron):						
Sheet and strip:						
331212	Quantity reported.....	Short tons....	208,974	34,368	239,979	29,824
	Quantity not reported.....		xxx	5,135	xxx	xxx
331219	All other carbon steel mill shapes and forms (including tubing).....	Short tons....	74,728	15,771	68,128	12,180
331225	Alloy steel mill shapes and forms (except stainless).....	...do.....	(NA)	2,977	33,734	6,898
331231	Stainless steel mill shapes and forms:					
	Quantity reported.....	...do.....	2,425	2,929	973	967
	Quantity not reported.....		xxx	920	xxx	xxx
Aluminum and aluminum-base alloy mill shapes and forms:						
335257	Sheet, plate and foil.....	1,000 lbs....	17,184	7,600	17,836	10,375
335259	All other aluminum mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....	...do.....	36,193	15,495		
348913	Springs, innerspring units, and box spring constructions.....	Short tons....	2,562	1,307	2,701	1,117
Woven upholstery fabrics (excluding ticking and muslin):						
223315	Cotton.....	1,000 lin. yds	(NA)	1,047	2,834	3,419
223431	Other (rayon, nylon, etc.).....	...do.....	(NA)	2,640		
229511	Coated, impregnated or laminated fabric.....	...do.....	(NA)	3,324	xxx	(1)
282315	Unsupported plastic film and sheets (excluding packaging material).....	1,000 sq. yds.	11,626	6,920	xxx	(1)
288113	Cotton linters (net weight).....	1,000 lbs....	(NA)	1,028	xxx	(1)
309929	Rubber or latex cores for mattresses, excluding topper pads.....	each.....	(NA)	254	xxx	(1)
229311	Paddings and fillings except latex foam.....	1,000 lbs....	(NA)	2,436	14,577	3,089
970099	All other materials and components, parts, containers, and supplies consumed.....		xxx	106,040	xxx	101,418
973000	All other materials, components, parts, containers, and supplies, nsk.....		xxx	33,064	xxx	24,790

See footnotes at end of table.



Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Unit of measure	1958	
			Quantity	Cost
				(\$1,000)
	INDUSTRY 2515—MATTRESSES AND BEDSPRINGS			
	Materials, parts, containers, and supplies, total.....	.....	xxx	305,135
242113	Hardwood lumber, rough and dressed:			
	Quantity reported.....	1,000 bd. ft..	39,223	4,091
	Quantity not reported.....	.....	xxx	838
242117	Softwood lumber, rough and dressed:			
	Quantity reported.....	1,000 bd. ft..	28,138	3,523
	Quantity not reported.....	.....	xxx	526
243215	Softwood plywood.....	1,000 sq. ft. (3/8" bases).	2,104	248
242131	Rough, surfaced, or semi-fabricated hardwood dimension.....	1,000 bd. ft..	1,188	266
251211	Furniture parts, wood (including frames).....	.....	xxx	11,121
	Mill shapes and forms (except castings):			
	Carbon steel (including wrought iron):			
331212	Sheet and strip.....	Short tons....	(NA)	1,791
331219	All other carbon steel mill shapes and forms (including tubing)....	....do.....	35,798	6,945
331225	Alloy steel mill shapes and forms (except stainless).....	....do.....	(NA)	728
335257 335259	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	(NA)	333
348913	Springs, innerspring units, and box spring constructions:			
	Quantity reported.....	Short tons....	112,904	40,081
	Quantity not reported.....	.....	xxx	13,360
251221	Constructions for dual-purpose sleep furniture.....	.....	xxx	4,862
	Woven upholstery fabrics (excluding ticking and muslin):			
223315	Cotton.....	1,000 lin. yds	(NA)	10,304
223431	Other (rayon, nylon, etc.):			
	Quantity reported.....	....do.....	5,531	7,547
	Quantity not reported.....	.....	xxx	1,770
223311	Ticking (mattress).....	1,000 lin. yds	77,477	41,679
229511	Coated, impregnated or laminated fabric.....	....do.....	5,748	2,816
288113	Cotton linters (net weight).....	1,000 lbs....	229,387	17,586
309929	Rubber or latex cores for mattresses, excluding topper pads.....	each.....	592,452	15,796
229311	Paddings and fillings, except latex foam.....	1,000 lbs....	103,138	15,697
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	xxx	72,079
973000	All other materials, components, parts, containers, and supplies, nsk.....	.....	xxx	31,148

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>In 1954, the cost of this material was included with "all other materials and components, parts, containers, and supplies consumed," (material code 970099))

Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2511	WOOD FURNITURE, NOT UPHOLSTERED (entire industry).....	2,816	125,320	442,181	109,045	217,617	344,536	704,660	675,688	1,378,630	26,234
	Establishments with:										
	90% or more specialization.....	2,366	102,434	354,101	90,259	180,170	280,336	574,340	556,581	1,128,386	22,501
	75-89% specialization.....	180	10,584	39,882	8,598	17,304	28,742	63,202	52,498	115,730	2,028
25111	Radio, phonograph and television wood cabinets (primary product class of estab.).....	131	13,116	47,956	11,745	24,393	30,969	65,899	60,435	126,461	2,669
	Establishments with:										
	90% or more specialization....	87	8,234	30,136	7,469	15,201	24,856	41,724	35,672	77,063	1,348
25112	Other wood living room, library sunroom and hall furniture (primary product class of estab.)..	482	21,181	74,756	17,929	35,255	56,925	116,141	91,700	208,419	2,975
	Establishments with:										
	90% or more specialization....	301	11,943	40,535	10,405	20,626	31,619	66,601	57,939	124,445	1,872
	75-89% specialization.....	40	2,281	7,441	1,772	3,346	5,436	9,796	8,307	18,518	(1)
25113	Wood dining room and kitchen furniture (primary product class of estab.).....	162	15,033	51,089	13,277	26,829	40,133	78,667	68,904	147,619	2,688
	Establishments with:										
	90% or more specialization....	72	4,690	15,652	4,170	8,581	12,296	23,440	25,431	48,698	584
	75-89% specialization.....	21	3,003	9,563	2,741	5,423	8,037	14,793	11,132	26,094	1,060
25114	Kitchen cabinets, wood (primary product class of estab.).....	820	14,560	65,371	11,898	23,760	47,869	100,641	97,124	196,609	3,747
	Establishments with:										
	90% or more specialization....	600	10,782	48,088	8,836	17,747	35,248	77,216	73,188	149,425	2,798
	75-89% specialization.....	74	1,046	4,445	871	1,690	3,123	6,642	6,098	12,592	(1)
25115	Wood bedroom furniture (primary product class of estab.).....	357	48,706	160,644	43,066	86,726	127,367	274,633	282,082	555,939	8,526
	Establishments with:										
	90% or more specialization....	196	22,609	69,926	20,533	40,320	56,855	123,908	148,845	271,717	3,939
	75-89% specialization.....	39	6,177	22,636	5,318	11,217	17,463	36,665	42,675	78,689	659
25116	Infants' and childrens' wood furniture (primary product class of estab.).....	93	3,697	12,280	3,123	5,894	8,876	19,591	22,715	42,149	1,776
	Establishments with:										
	90% or more specialization....	79	2,633	8,183	2,251	4,137	6,097	13,389	15,688	29,199	1,724
	75-89% specialization.....	4	855	3,526	682	1,370	2,271	5,344	5,444	10,510	(1)
25117	Wood outdoor furniture, and unpainted wood furniture (primary product class of estab.)..	231	3,894	12,773	3,403	6,290	10,164	21,523	25,481	47,123	783
	Establishments with:										
	90% or more specialization....	180	2,469	7,756	2,168	3,930	6,438	14,014	17,248	31,492	638
	75-89% specialization.....	16	282	930	242	480	681	1,601	2,116	3,685	(1)
2512	WOOD FURNITURE, UPHOLSTERED (entire industry).....	1,761	61,485	233,646	51,819	99,572	177,682	391,243	393,945	783,100	11,124
	Establishments with:										
	90% or more specialization.....	1,480	43,210	163,646	36,398	69,818	124,647	272,120	277,249	547,485	8,716
	75-89% specialization.....	102	8,142	32,851	6,967	13,185	25,361	60,622	59,593	119,901	1,583
25121	Upholstered wood household furniture (primary product class of estab.).....	1,150	53,327	206,706	44,735	86,520	154,923	348,305	356,558	703,140	8,074
	Establishments with:										
	90% or more specialization....	908	35,824	139,012	30,045	58,193	104,175	232,235	241,319	472,042	6,132
	75-89% specialization.....	93	8,071	32,841	6,903	13,062	25,250	60,686	59,871	120,220	1,241
25126	Furniture frames for household furniture (primary product class of estab.).....	308	4,099	13,790	3,649	7,028	11,776	21,168	14,536	35,513	1,235
	Establishments with:										
	90% or more specialization....	278	3,450	11,815	3,057	5,861	10,060	18,517	12,208	30,580	1,118
	75-89% specialization.....	13	230	659	213	389	606	919	920	1,835	(1)
2514	METAL HOUSEHOLD FURNITURE (entire industry).....	627	30,704	125,627	24,874	48,598	90,053	218,746	277,975	501,147	5,694
	Establishments with:										
	90% or more specialization.....	528	19,570	74,719	16,076	31,061	54,481	133,871	187,750	324,602	3,758
	75-89% specialization.....	28	2,246	9,685	1,887	3,762	6,999	21,858	22,110	44,194	911
25141	Metal household dining and breakfast furniture (primary product class of estab.)..	158	8,593	36,219	6,893	13,985	25,900	63,635	92,280	155,949	1,146
	Establishments with:										
	90% or more specialization....	123	6,379	27,121	5,052	10,320	18,863	49,151	72,732	121,871	857
	75-89% specialization.....	11	183	626	145	281	456	1,140	1,202	2,318	(1)

See footnotes at end of table.

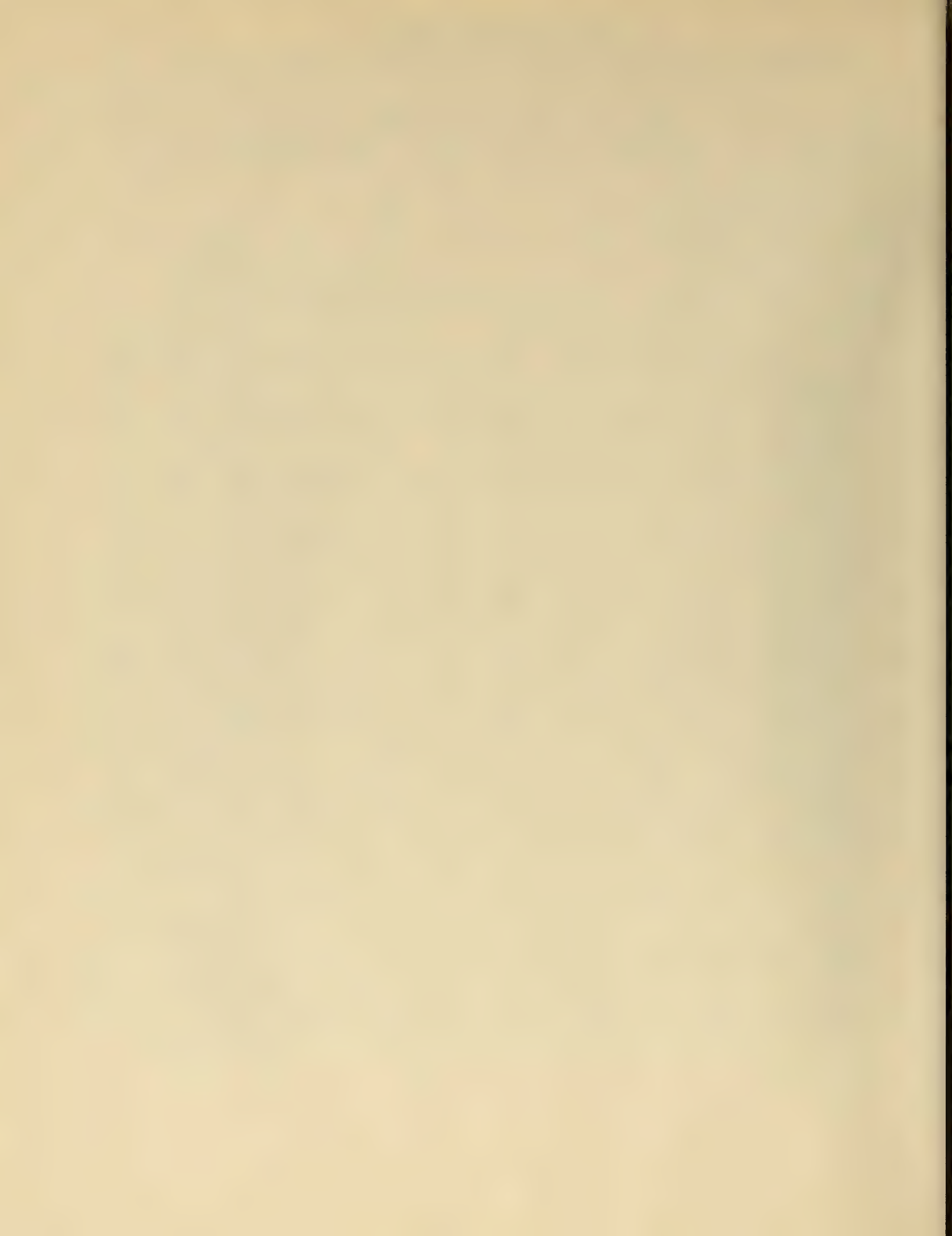


Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958--Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
25142	METAL HOUSEHOLD FURNITURE (entire industry)—Continued										
	Metal kitchen furniture (primary product class of estab.)..	89	6,164	29,333	4,848	9,519	20,339	49,271	48,481	99,976	1,617
	Establishments with:										
	90% or more specialization....	70	2,594	10,497	2,111	4,104	7,350	17,440	21,502	40,393	575
25143	Metal porch, lawn and outdoor furniture (primary product class of estab.).....	84	5,893	19,257	5,096	9,787	15,545	32,026	53,572	87,747	746
	Establishments with:										
	90% or more specialization....	50	3,506	10,195	3,059	5,631	8,621	17,383	31,880	50,977	(1)
	75-89% specialization.....	10	662	2,359	597	1,229	1,961	3,766	5,748	9,538	(1)
25144	Other metal household furniture (primary product class of estab.)..	173	8,036	34,125	6,349	12,126	22,927	61,394	70,140	131,930	1,589
	Establishments with:										
	90% or more specialization....	115	2,329	9,721	1,843	3,650	6,628	19,411	26,816	46,260	832
	75-89% specialization.....	14	777	2,614	653	1,289	1,993	5,548	5,993	11,560	(1)
2515	MATTRESSES AND BEDSPRINGS (entire industry).....	1,215	31,703	132,258	24,651	47,874	88,197	248,801	321,986	572,150	7,333
	Establishments with:										
	90% or more specialization.....	1,030	21,521	92,804	16,624	31,735	61,443	182,812	234,893	419,046	5,969
	75-89% specialization.....	68	3,296	14,790	2,373	4,750	8,562	27,089	34,020	60,951	519
25151	Innerspring mattresses and spring cushions (primary product class of estab.).....	676	21,212	92,928	16,352	31,908	60,729	180,578	222,151	403,406	5,642
	Establishments with:										
	90% or more specialization....	195	1,200	4,310	957	1,856	3,116	7,823	11,109	18,754	517
	75-89% specialization.....	49	492	1,605	417	756	1,296	3,131	5,233	8,365	58
25152	Other mattresses (primary product class of estab.).....	98	1,160	4,171	942	1,820	3,006	5,808	15,242	21,801	161
	Establishments with:										
	90% or more specialization....	44	242	751	208	342	552	1,267	1,785	3,046	55
	75-89% specialization.....	4	29	107	24	54	88	154	416	581	(D)
25153	Bedsprings (primary product class of estab.).....	77	2,138	8,663	1,632	3,147	5,742	15,377	22,550	38,001	245
	Establishments with:										
	90% or more specialization....	31	524	2,016	445	853	1,573	3,220	4,145	7,306	87
	75-89% specialization.....	4	91	317	70	146	214	673	789	1,438	79
25154	Convertible sofas (primary product class of estab.).....	65	2,300	9,729	1,652	3,284	6,073	18,177	22,512	40,595	297
	Establishments with:										
	90% or more specialization....	25	586	2,306	478	970	1,625	5,110	6,866	11,974	61
	75-89% specialization.....	9	612	3,137	335	644	1,464	5,918	4,975	10,672	128
25155	Jackknife sofa beds and chair bed (primary product class of estab.)..	67	2,646	9,264	2,226	4,333	6,971	16,965	20,728	37,679	366
	Establishments with:										
	90% or more specialization....	11	129	373	110	198	318	593	721	1,314	4
	75-89% specialization.....	7	155	543	135	253	446	1,022	1,358	2,375	19
25156	Studio couches (primary product class of estab.).....	21	486	1,500	424	823	1,287	2,154	3,613	5,830	34
	Establishments with:										
	90% or more specialization....	7	44	194	38	69	174	435	608	1,045	3
2519	HOUSEHOLD FURNITURE, NEC (entire industry).....	93	2,205	8,383	1,850	3,424	6,406	16,176	14,526	30,643	686
	Establishments with:										
	90% or more specialization.....	82	1,479	5,510	1,267	2,343	4,425	9,585	9,331	18,907	322

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.





# Office, Public Building, Office and Store Fixtures, and Miscellaneous Furniture

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2521—Wood Office Furniture
- 2522—Metal Office Furniture
- 2531—Public Building and Related Furniture
- 254 —Partitions, Shelving, Lockers, and Office and Store Fixtures
- 2541— Wood Partitions, Shelving, Lockers, and Office and Store Fixtures.
- 2542— Metal Partitions, Shelving, Lockers, and Office and Store Fixtures
- 2591—Venetian Blinds and Shades
- 2599—Furniture and Fixtures, Not Elsewhere Classified

### 2521—Wood Office Furniture

This industry comprises establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain. For a detailed list of products of Industry 2521, refer to table 6A, product codes 2521011 to 2521098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Wood Office Furniture industry in 1958 totaled \$68 million. This included shipments of wood office furniture (primary products), valued at \$58 million, shipments of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly resales of products manufactured by others) of \$3 million.

This industry's shipments of wood office furniture (primary products) in 1958 represented 89 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 86 percent. Secondary products shipped by this industry in 1958 consisted mainly of public building and related furniture, \$3 million.

Industry 2521 shipments of wood office furniture in 1958 represented 82 percent of these products valued at \$71 million shipped by all industries. In 1954, this "coverage ratio" was 86 percent. Other industries shipping wood office furniture consisted primarily of Industry 2522, Metal Office Furniture, and Industry 2531, Public Building Furniture, both of which shipped approximately \$6 million.

### 2522—Metal Office Furniture

This industry comprises establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in Industry 3492, Safes and Vaults. For a detailed list of primary

products of Industry 2522, refer to table 6A, product codes 2522111 to 2522498.

The value of shipments of Industry 2522, Metal Office Furniture, in 1958 totaled \$286 million. This included shipments of primary products (metal office furniture) valued at \$236 million, shipments of other products (secondary products) valued at \$33 million, and miscellaneous receipts, \$17 million.

Industry 2522 shipments of metal office furniture (primary products) in 1958 represented 88 percent of its total product shipments (primary and secondary). In 1954, this primary product "specialization ratio" was 84 percent. Secondary products shipped by Industry 2522 in 1958 consisted mainly of partitions and fixtures (Industry Group 254) \$15 million, wood office furniture and a variety of products classified in other industries.

Industry 2522 shipments of metal office furniture (primary products) in 1958 represented 86 percent of these products valued at \$273 million shipped by all industries. In 1954 this "coverage ratio" was 87 percent. Other industries shipping metal office furniture consisted mainly of Industry 2514, Metal Household Furniture, \$10 million; Industry Group 254, Partitions and Fixtures, \$5 million; Industry 3433, Nonelectric Heating Equipment; Industry 3572, Typewriters; and Industry 3811, Scientific Instruments.

### 2531—Public Building and Related Furniture

This industry comprises establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in Industry 3281, Cut stone and Stone Products; and concrete furniture in Industry 3272, Concrete Products. For a detailed list of products of Industry 2531, refer to table 6A, product codes 2531112 to 2531298.

The value of shipments of Industry 2531, Public Building Furniture, in 1958 totaled \$208 million. This included shipments of primary products (public building and related furniture), valued at \$174 million, shipments of other products (secondary products) valued at \$25 million, and miscellaneous receipts of \$9 million.

Industry 2531 shipments of public building furniture (primary products) in 1958 represented 88 percent of its total product shipments (primary and secondary). In 1954, this primary product "specialization ratio" was 83 percent. Secondary products shipped by Industry 2531 in 1958 consisted mainly of partitions, shelving, lockers, and office and store fixtures, \$5 million; wood office furniture, \$3 million; and aircraft parts and auxiliary equipment and miscellaneous furniture.

Industry 2531 shipments of public building furniture (primary products) in 1958 represented 80 percent of those products valued at \$219 million shipped by all industries.



In 1954 this "coverage ratio" was 86 percent. Other industries shipping public building furniture consisted mainly of Industry Group 254, Partitions and Fixtures, \$4 million; Industry 2521, Wood Office Furniture, \$3 million; and Industry 2599, Furniture and Fixtures, N.E.C., \$3 million.

#### 254-Partitions, Shelving, Lockers, and Office and Store Fixtures

Industry Group 254, Partitions and Fixtures includes: Industry 2541, Wood Partitions and Fixtures, which comprises those establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products; and Industry 2542, Metal Partitions and Fixtures, which comprises those establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in Industry 3585, Refrigeration Machinery; and safes and vaults in Industry 3492.

Reportability and classification problems associated with the identification of partitions and fixtures as to wood or metal prevents showing separately in this report detail for Industry 2541 and Industry 2542. Data for Industries 2541 and 2542 have been combined under the industry group heading 254, Partitions and Fixtures. The statistics for the industries in this Industry Group as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code numbers 2541 and 2542 from code number 2541 in the previous classification system, to show separately partitions and fixtures as wood or metal, but were not changed as to content.

The composition of the two new industries as now constituted, is directly comparable with the composition of the old industry under the classification system used in the 1954 Census. For a detailed list of products of Industry Group 254, refer to table 6A, product codes 2541011 to 2541098, and 2542013 to 2542098.

All references to the two new industries, 2541 and 2542, will be made by the use of the 3-digit Industry Group 254, Partitions and Fixtures.

The value of shipments of Industry Group 254, Partitions, and Fixtures, in 1958, totaled \$539 million. This included shipments of primary products (partitions and fixtures), valued at \$460 million, shipments of other products (secondary products) valued at \$46 million, and miscellaneous receipts of \$33 million.

Industry Group 254 shipments of partitions and fixtures (primary products) in 1958 represented 91 percent of its total product shipments (primary and secondary). In 1954 this primary product "specialization ratio" was 88 percent. Secondary products shipped by Industry Group 254 in 1958 consisted of a variety of miscellaneous items including office, public-building furniture valued at \$10 million, and miscellaneous furniture over \$3 million.

In Industry Group 254 shipments of partitions and fixtures (primary products) in 1958 represented 86 percent of these products valued at \$535 million shipped by all industries. In 1954 this "coverage ratio" was 87 percent. Production of partitions, shelving, lockers, and office and store fixtures, in other industries is distributed over a wide range of industries; the largest volume of such ship-

ments was reported by Industry 2522, Metal Office Furniture, \$15 million; and Industry 3585, Refrigeration Machinery, between \$10 million and \$15 million.

#### 2591-Venetian Blinds and Shades

This industry comprises establishments primarily engaged in manufacturing Venetian blinds, regardless of the materials used, and shades except canvas shades and awnings, which are classified in Industry 2394. For a detailed list of products of Industry 2591, refer to table 6A, product codes 2591112 to 2591281.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual include code numbers 2562 and 2563 in the previous classification system. The composition of the industry as now constituted is directly comparable to Industry 2562, Window Shades, and Industry 2563, Venetian Blinds, as classified under the system followed in the 1954 Census. Restaurant furniture, Industry 2591 in the previous classification system, is now considered primary to Industry 2599, Furniture and Fixtures, N.E.C.

Value of shipments and other receipts of the Venetian Blinds and Shades industry in 1958 totaled \$187 million. This included shipments of Venetian blinds and shades (primary products), valued at \$152 million, shipments of other products (secondary products) valued at \$13 million, and miscellaneous receipts of \$22 million.

This industry's shipments of Venetian blinds and shades (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 85 percent. Secondary products shipped by this industry in 1958 consisted mainly of sheet-metal work and miscellaneous metal building materials valued at more than \$5 million.

Industry 2591 shipments of venetian blinds and shades in 1958 represented 93 percent (coverage ratio) of these products valued at \$163 million shipped by all industries. In 1954, the coverage ratio was 87 percent. The largest other industry shipping Venetian blinds and shades was Industry 2295, Coated Fabrics, Not Rubberized, between \$5 million and \$10 million.

#### 2599-Furniture and Fixtures, Not Elsewhere Classified

This industry comprises establishments primarily engaged in manufacturing furniture and fixtures, n.e.c., including furniture especially designed for use in restaurants. For a detailed list of products of Industry 2591, refer to table 6A, product codes 2599021 to 2599099.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, as shown in table 1A, shows that the new Industry 2599 includes a total of 8,000 employees; 2,823 of whom remained in the industry from the old classification, 3,102 transferred from the old Industry 2591, Restaurant Furniture, and the remaining 2,075 employees were transferred from various other industries as classified under the old system.

Hospital beds, formerly classified in Industry 2532, Professional Furniture (Hospital, Clinical, Laboratory, Etc.),



Except Beauty and Barber Shop, are now included in Industry 2599, Furniture and Fixtures, N.E.C.

Value of shipments and other receipts of Industry 2591, Furniture and Fixtures, N.E.C. in 1958 totaled \$110 million. This included shipments of furniture and fixtures, n.e.c. (primary products), valued at \$75 million, shipments of other products (secondary products) valued at \$30 million, and miscellaneous receipts of \$5 million.

This industry's shipments of furniture and fixtures, n.e.c. (primary products) in 1958 represented 71 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of innerspring mattresses

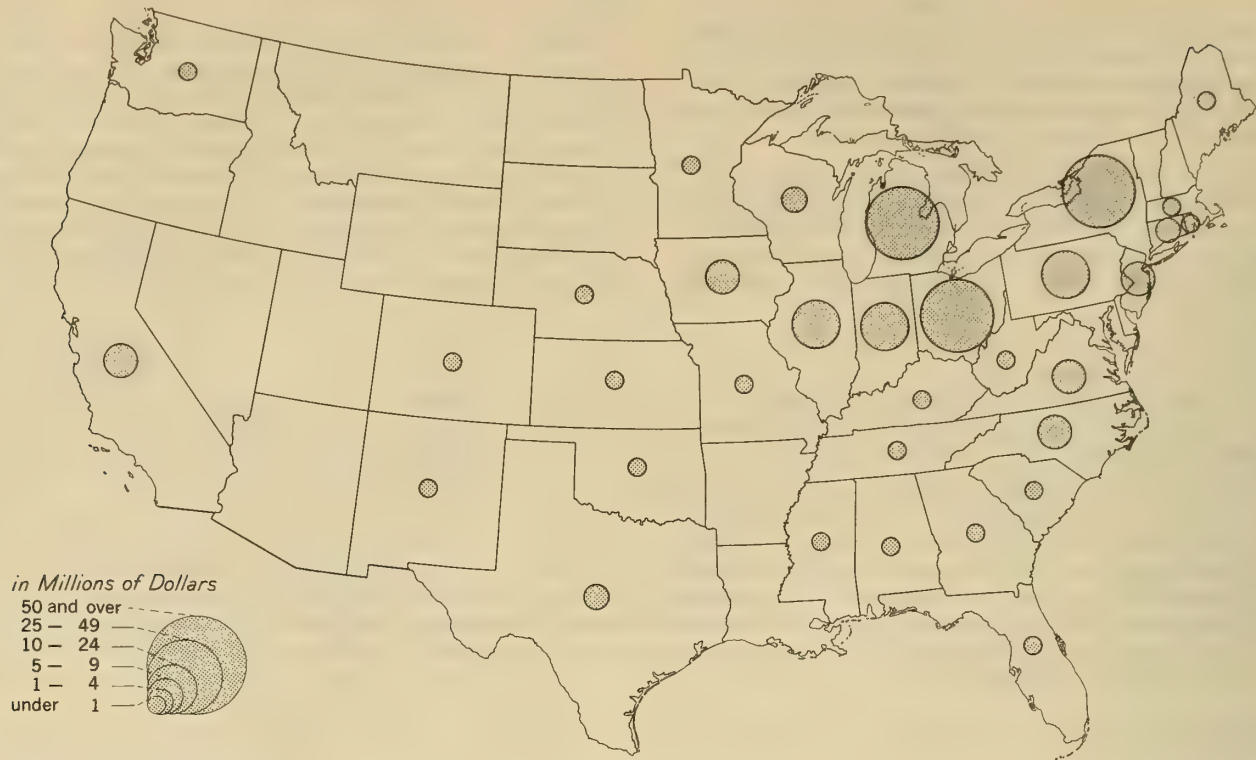
and spring cushions, surgical and medical instruments and apparatus, valued at more than \$5 million; and partitions, shelving, lockers, and office and store fixtures, \$4 million.

Industry 2599 shipments of furniture and fixtures, n.e.c. (primary products) in 1958 represented 74 percent (coverage ratio) of these products valued at \$102 million shipped by all industries. Other industries shipping furniture and fixtures, n.e.c. (primary products) consisted mainly of Industry 2514, Metal Household Furniture, Industry 3444, Sheet Metal Work, and Industry 3988, Morticians' Goods, valued at more than \$10 million; Industry Group 254, Partitions and Fixtures, \$3 million, and Industry 2522, Metal Office Furniture, \$3 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## OFFICE FURNITURE: SIC 252

Value Added by Manufacture by State: 1958



Includes Industries 2521 and 2522. See Table 2.

Bureau of the Census M-58-D252

## PUBLIC BUILDING AND RELATED FURNITURE: SIC 253

Value Added by Manufacture by State: 1958



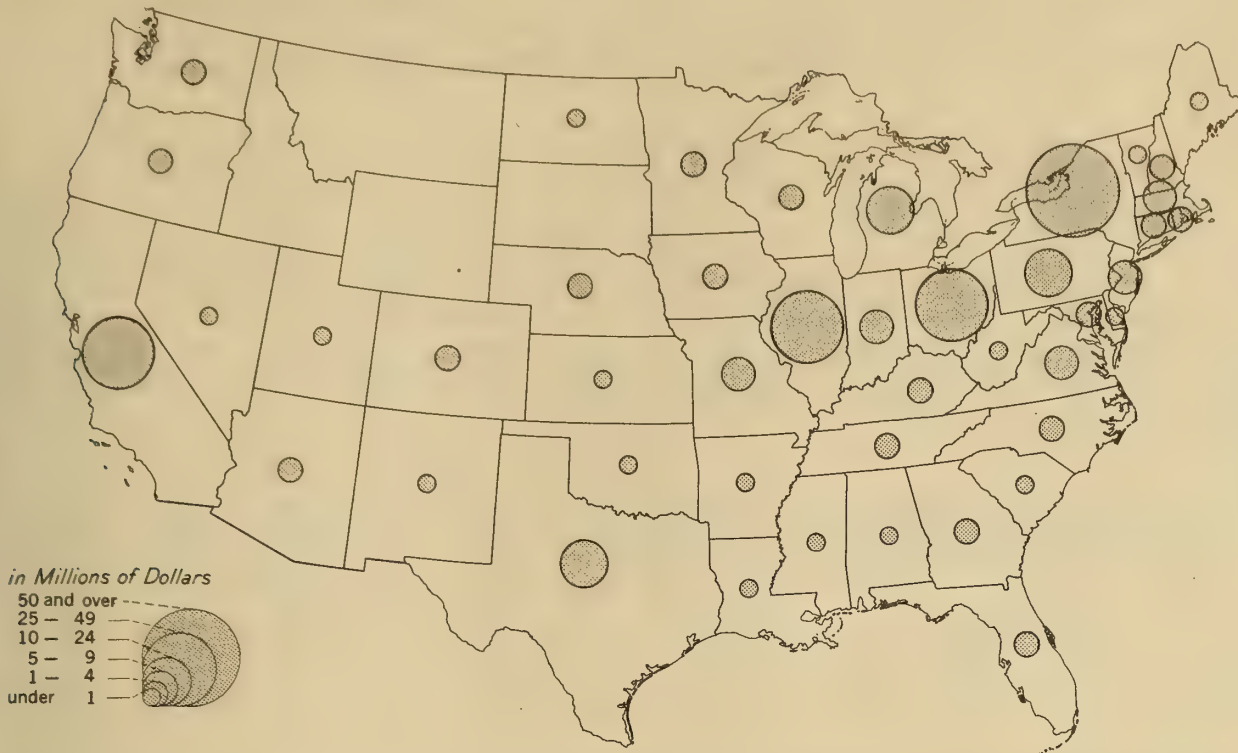
Includes Only Industry 2531. See Table 2.

Bureau of the Census M-58-D253



# PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES: SIC 254

Value Added by Manufacture by State: 1958

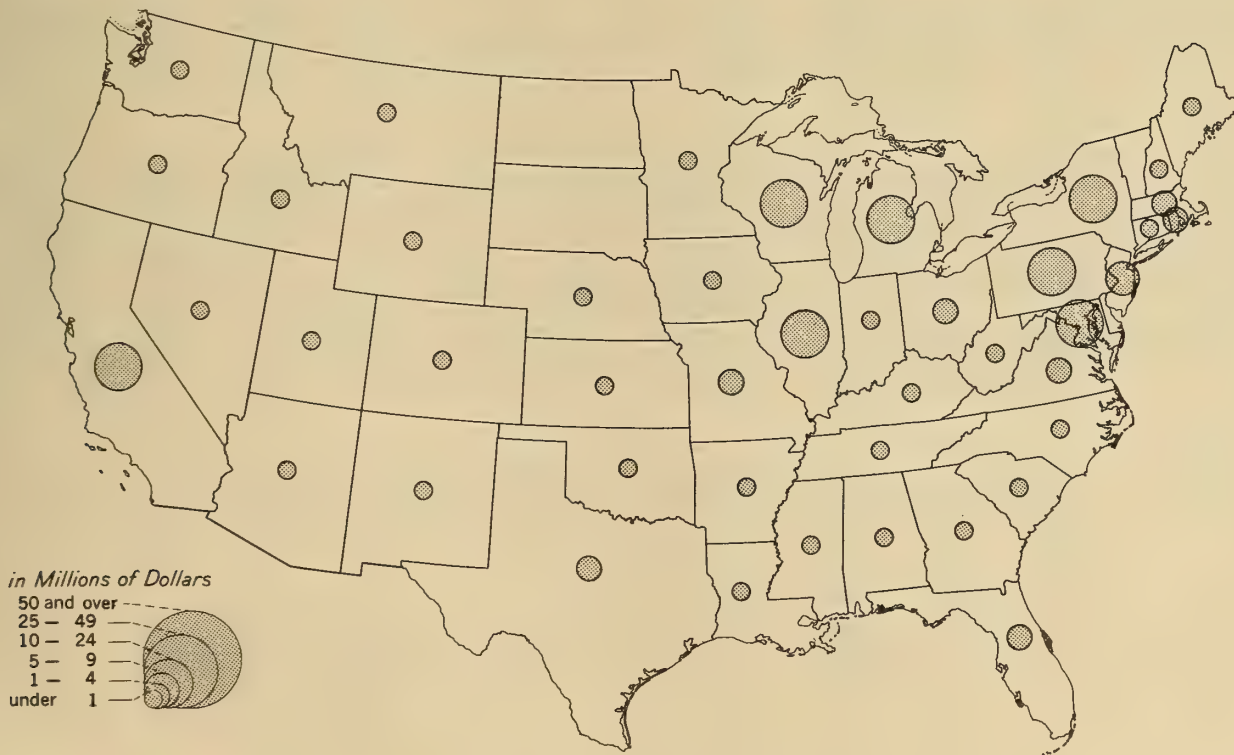


Includes Industries 2541 and 2542. See Table 2.

Bureau of the Census. M-58-D254

# MISCELLANEOUS FURNITURE AND FIXTURES: SIC 259

Value Added by Manufacture by State: 1958



Includes Industries 2591 and 2599. See Table 2.

Bureau of the Census. M-58-D259

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (percent)	Coverage ratio <sup>7</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2521 (old SIC 2521)	Wood office furniture: <sup>8</sup>														
	1958.....	147	150	56	5,821	23,516	4,957	10,007	17,627	38,427	29,550	68,392	840	89	82
	1957.....	(NA)	(NA)	(NA)	5,739	21,754	4,924	10,083	16,725	35,411	26,324	61,479	779	90	87
	1956.....	(NA)	(NA)	(NA)	6,076	23,861	5,257	11,518	18,764	38,758	31,151	68,714	1,099	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	5,871	21,209	5,119	10,851	16,639	32,108	26,914	59,464	(S)	(NA)	(NA)
	1954.....	111	112	50	5,509	18,788	4,773	9,681	14,605	29,059	25,409	54,358	615	86	86
	1953.....	(NA)	(NA)	(NA)	4,542	15,670	3,989	(NA)	12,104	22,040	17,929	39,969	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	4,858	17,673	4,261	(NA)	13,928	27,491	22,380	49,871	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	5,504	19,505	4,937	(NA)	15,892	32,208	27,732	59,940	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	4,904	15,639	4,241	(NA)	12,522	21,499	21,080	42,579	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	4,748	13,847	4,152	(NA)	10,522	19,902	15,622	35,524	(NA)	(NA)	(NA)
	1947.....	114	114	(NA)	6,458	16,805	5,759	(NA)	13,782	25,863	21,620	47,483	(NA)	92	80
	1939.....	(NA)	64	(NA)	(NA)	(NA)	4,013	(NA)	3,603	7,327	5,949	13,276	(NA)	(NA)	(NA)
2522 (old SIC 2522)	Metal office furniture: <sup>8</sup>														
	1958.....	142	151	88	17,469	85,996	13,857	26,911	62,746	173,673	109,699	286,004	5,253	88	86
	1957.....	(NA)	(NA)	(NA)	19,954	96,662	16,350	31,907	72,061	212,667	108,463	315,753	(S)	90	89
	1956.....	(NA)	(NA)	(NA)	20,540	98,350	17,008	36,265	79,090	213,628	117,700	322,020	6,416	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	18,033	80,453	14,910	30,939	62,059	167,230	96,607	256,095	(S)	(NA)	(NA)
	1954.....	122	129	77	16,143	66,038	13,397	26,765	51,535	128,139	83,236	211,546	4,734	84	87
	1953.....	(NA)	(NA)	(NA)	18,223	75,945	14,757	(NA)	58,191	135,610	79,895	215,505	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	18,625	75,792	15,561	(NA)	58,202	155,489	83,418	238,907	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	16,999	64,602	13,776	(NA)	48,747	132,601	82,898	215,499	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	14,609	50,297	11,518	(NA)	36,275	95,500	56,923	152,423	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	13,155	45,102	10,908	(NA)	33,788	83,794	48,757	132,551	(NA)	(NA)	(NA)
	1947.....	100	102	(NA)	14,289	41,417	11,768	(NA)	32,106	78,685	46,997	125,682	(NA)	89	92
	1939.....	(NA)	63	(NA)	(NA)	(NA)	7,152	(NA)	9,341	23,076	15,407	38,483	(NA)	(NA)	(NA)
2531 (old SIC 2531)	Public building furniture: <sup>8</sup>														
	1958.....	384	390	147	15,952	69,342	12,620	25,759	48,401	112,881	97,962	208,406	4,941	88	80
	1957.....	(NA)	(NA)	(NA)	14,927	63,184	12,849	25,034	44,503	109,627	88,629	193,043	14,820	87	83
	1956.....	(NA)	(NA)	(NA)	14,492	60,092	12,686	25,032	43,527	100,789	83,867	181,524	7,775	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	14,467	56,708	11,953	24,493	41,745	97,559	77,110	169,088	3,292	(NA)	(NA)
	1954.....	291	292	119	14,044	52,638	11,556	24,120	38,905	90,168	75,356	163,772	3,781	83	86
	1953.....	(NA)	(NA)	(NA)	12,678	44,417	10,543	(NA)	34,931	76,251	62,296	138,547	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	9,302	28,601	7,626	(NA)	21,396	44,601	38,825	83,426	(NA)	(NA)	(NA)
	1947.....	(NA)	120	(NA)	10,213	28,629	8,542	(NA)	21,562	44,614	31,378	75,992	(NA)	(NA)	(NA)
	1939.....	(NA)	106	(NA)	7,062	9,058	5,900	(NA)	6,568	15,241	11,438	26,679	(NA)	(NA)	(NA)
	1937.....	(NA)	79	(NA)	(NA)	(NA)	6,450	(NA)	7,451	16,488	12,542	29,030	(NA)	(NA)	(NA)
254-	Partitions, and fixtures: <sup>8,9</sup>														
	1958.....	1,831	1,848	426	37,747	186,636	29,134	57,331	130,117	301,250	240,106	538,872	13,644	91	86
	1957.....	(NA)	(NA)	(NA)	34,993	158,576	27,474	54,593	108,070	277,670	194,542	473,942	9,437	90	82
	1956.....	(NA)	(NA)	(NA)	35,460	160,131	28,372	57,737	112,974	284,188	207,770	485,349	(S)	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	35,608	153,017	28,873	58,372	110,052	263,198	197,223	450,899	(S)	(NA)	(NA)
	1954.....	1,621	1,626	358	33,137	142,515	26,584	53,101	102,071	236,246	182,243	416,586	7,031	88	87
	1953.....	(NA)	(NA)	(NA)	34,692	148,190	28,321	(NA)	109,301	239,398	170,043	409,441	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	25,801	105,216	20,771	(NA)	77,559	172,294	114,562	286,851	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	27,235	106,377	22,514	(NA)	80,071	169,244	127,132	296,376	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	27,214	96,181	22,289	(NA)	72,095	147,904	116,748	264,652	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	26,643	90,214	21,913	(NA)	68,096	150,352	111,198	261,550	(NA)	(NA)	(NA)
	1947.....	1,130	1,135	(NA)	27,816	89,115	23,888	(NA)	70,180	137,814	108,050	245,864	(NA)	88	89
	1939.....	(NA)	767	(NA)	(NA)	(NA)	14,911	(NA)	19,036	43,857	33,087	76,944	(NA)	(NA)	(NA)
	1937.....	(NA)	580	(NA)	(NA)	(NA)	15,237	(NA)	19,875	42,218	32,567	74,785	(NA)	(NA)	(NA)
2591	Venetian blinds and shades: <sup>8,10</sup>														
	1958.....	822	850	85	11,203	43,634	8,199	15,352	28,387	83,442	103,180	187,024	3,306	92	93
	1957.....	(NA)	(NA)	(NA)	14,404	49,327	10,381	20,048	31,220	109,672	103,333	212,958	(NA)	(NA)	(NA)
	1956.....	(NA)	(NA)	(NA)	15,088	50,833	11,240	21,851	32,999	106,582	116,884	216,087	(NA)	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1954.....	(NA)	1,112	121	13,784	42,834	10,694	20,758	28,713	80,918	115,140	196,479	2,697	(NA)	(NA)
	1953.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1947.....	(NA)	773	(NA)	15,446	34,958	12,911	(NA)	25,638	62,706	77,857	140,563	(NA)	(NA)	(NA)
	1939.....	(NA)	553	(NA)	(NA)	(NA)	8,661	(NA)	8,488	24,511	29,502	54,013	(NA)	(NA)	(NA)
	1937.....	(NA)	389	(NA)	(NA)	(NA)	6,394	(NA)	6,165	16,909	21,414	38,323	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2599	Furniture and fixtures, nec.:\$11														
	1958 (new SIC).....	258	259	77	7,990	37,450	6,483	12,697	27,692	60,189	50,575	110,360	2,691	71	74
	1958 (old SIC).....	(NA)	84	29	2,823	12,892	2,386	4,789	9,568	22,335	17,661	39,359	2,112	(NA)	(NA)
	1957.....	(NA)	52	11	810	2,969	703	1,373	2,240	(NA)	5,194	11,205	134	(NA)	(NA)
	1947.....	(NA)	30	(NA)	858	2,427	794	(NA)	2,053	4,168	2,249	6,417	(NA)	(NA)	(NA)

NA Not available.

<sup>3</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2521	28,757	254-	230,712
2522	125,808	2591	77,300
2531	87,446	2599	** (NA)

\*\*As classified under the 1945 edition of the Standard Industrial Classification, Industry 2599 showed an unadjusted value added of \$5,992,000. See text for explanation of changes in this industry as revised in the 1957 edition of the Standard Industrial Classification.

<sup>4</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	Industry Code	Cost of Materials, etc. (\$1,000)
	1958		1954
2521	27,572	254-	225,033
2522	98,852	2591	88,046
2531	92,838	2599	47,698
			(NA)

<sup>5</sup> For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	Industry Code	Value of Shipments (\$1,000)
	1958		1954
2521	66,249	254-	520,023
2522	271,787	2591	167,895
2531	202,168	2599	107,010
			(NA)

<sup>6</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup> The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup> The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup> See text for explanation of 1958 data shown for this industry group.

<sup>10</sup> The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: Industry 2562, Window Shades, and Industry 2563, Venetian Blinds. The data for 1957 and earlier years for these two industries have been combined.

<sup>11</sup> A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revisions are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.)

Industry	Composition of new industry				Totals for industries on old SIC <sup>1</sup>			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2591—Venetian blinds and shades.....	850	85	11,203	83,442	xxx	xxx	xxx	xxx
Old Industry 2563—Venetian blinds.....	561	57	6,465	42,766	561	57	6,465	42,766
Old Industry 2562—Window shades <sup>1</sup> .....	289	28	4,738	40,676	289	28	4,738	40,676
New Industry 2599—Furniture and fixtures, nec.....	<sup>r</sup> 259	77	<sup>r</sup> 7,990	<sup>r</sup> 60,189	xxx	xxx	xxx	xxx
Old Industry 2599—Furniture and fixtures, nec.....	84	29	2,823	22,335	84	29	2,823	22,335
Old Industry 2591—Restaurant furniture.....	168	43	3,102	23,024	<sup>r</sup> 172	<sup>r</sup> 45	<sup>r</sup> 3,187	<sup>r</sup> 23,844
All other industries.....	<sup>r</sup> 7	5	<sup>r</sup> 2,065	<sup>r</sup> 14,830	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>Includes two establishments previously classified in other industries not shown separately in order to avoid disclosing figures for individual companies.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2521	Wood office furniture, total...	150	56	5,821	23,516	4,957	10,007	17,627	38,427	68,392	840	5,509	28,757	6,458
	New England.....	7	3	146	537	95	168	375	912	1,584	(D)	(3)	(3)	(3)
	Middle Atlantic...	53	19	1,728	7,367	1,486	3,054	5,658	11,776	20,054	(D)	(3)	(3)	(3)
	New York.....	39	14	1,199	5,744	1,000	2,080	4,318	9,628	16,067	(2)	1,398	8,143	1,818
	East North Central	33	18	2,157	8,911	1,824	3,640	6,705	14,277	25,193	(D)	2,018	10,771	(D)
	Ohio.....	5	2	245	1,310	191	397	889	2,153	3,564	(2)	299	1,589	315
	Indiana.....	11	10	1,039	3,883	914	1,805	3,117	6,703	11,924	(2)	1,015	5,176	1,176
	Michigan.....	9	3	486	2,165	390	774	1,530	3,329	5,710	(2)	453	2,910	422
	Wisconsin.....	5	2	339	1,349	288	583	1,008	1,911	3,508	(2)	148	667	(D)
	West North Central	8	2	242	1,120	204	368	735	1,856	3,360	(D)	202	1,140	(D)
	South Atlantic....	12	5	1,083	3,627	940	1,932	2,620	6,507	12,537	(2)	(4)	(4)	(4)
	North Carolina..	6	5	1,052	3,548	914	1,889	2,550	6,388	12,315	118	1,034	4,722	814
	East South Central	4	...	19	30	15	26	24	62	166	...	(4)	(4)	(4)
	West South Central	9	5	239	862	212	463	694	1,345	2,335	(2)	(4)	(4)	(4)
	West.....	24	4	207	1,062	181	356	816	1,692	3,163	(2)	188	1,307	(2)
	California.....	20	4	197	1,026	172	342	785	1,671	3,009	(2)	(3)	(3)	(3)
2522	Metal office furniture, total...	151	88	17,469	85,996	13,857	26,911	62,746	173,673	286,004	5,253	16,143	125,808	14,289
	New England.....	7	3	595	2,307	496	991	1,815	4,284	6,991	(D)	(4)	(4)	(4)
	Middle Atlantic...	46	29	6,374	30,852	5,075	10,563	22,535	59,577	100,565	(D)	(4)	(4)	(4)
	New York.....	27	14	3,186	15,758	2,489	4,991	10,851	32,355	51,733	1,011	3,336	29,904	3,415
	East North Central	47	30	8,233	42,179	6,628	12,217	32,020	88,834	144,839	(D)	8,437	67,529	(D)
	Ohio.....	16	10	4,046	20,503	3,201	5,459	15,518	38,360	59,999	1,770	4,491	34,705	5,951
	Indiana.....	7	4	530	2,102	375	770	1,640	4,919	8,351	(2)	535	3,757	(D)
	Michigan.....	11	9	2,144	12,169	1,892	3,596	9,528	29,256	43,464	(2)	2,040	18,970	1,457
	West North Central	16	8	968	4,850	620	1,167	2,470	8,276	13,796	(D)	800	5,840	(D)
	South.....	12	7	845	3,483	676	1,282	2,290	8,347	11,804	621	716	5,062	(D)
	West.....	23	11	454	2,325	362	691	1,616	4,355	8,009	131	(4)	(4)	(4)
2531	Public building furniture, total...	390	147	15,952	69,342	12,620	25,759	48,401	112,881	208,406	4,941	14,044	87,446	10,213
	New England.....	25	8	822	3,967	577	1,171	2,505	5,337	10,466	(D)	546	2,835	(D)
	Connecticut.....	6	3	429	2,205	279	560	1,221	3,350	5,861	(2)	(3)	(3)	(3)
	Middle Atlantic...	68	19	1,813	8,085	1,485	3,143	6,275	14,300	24,264	(D)	1,716	11,606	1,117
	New York.....	31	10	917	4,114	746	1,612	3,216	9,202	13,746	(2)	893	6,422	637
	East North Central	99	39	5,213	25,269	4,139	8,188	17,951	45,960	80,652	2,336	5,823	39,589	5,515
	Indiana.....	13	4	462	2,012	383	829	1,526	4,000	7,111	(D)	(3)	(3)	(3)
	Michigan.....	22	7	2,607	13,690	1,922	3,579	8,942	26,834	45,056	590	3,090	22,457	2,849
	Wisconsin.....	19	10	705	2,881	597	1,206	2,253	4,322	8,348	(2)	(3)	(3)	(3)
	West North Central	34	12	849	3,994	583	1,195	2,572	6,569	13,979	(2)	708	5,050	122
	Minnesota.....	10	2	129	624	95	184	372	956	3,014	(2)	130	742	(D)
	Iowa.....	7	3	162	829	117	233	535	1,727	3,347	(2)	(3)	(3)	(3)
	Missouri.....	11	5	426	1,921	276	569	1,260	2,974	5,829	(D)	(3)	(3)	(3)
	South.....	97	51	5,038	16,553	4,338	8,888	12,300	25,769	50,643	1,378	4,218	21,284	(3)
	North Carolina..	14	9	1,785	5,881	1,595	3,280	4,237	8,200	15,650	184	1,465	6,358	428
	Georgia.....	5	3	248	771	228	524	661	1,044	1,995	(2)	(3)	(3)	(3)
	Tennessee.....	13	6	270	737	239	432	590	1,165	2,321	68	(3)	(3)	(3)
	Arkansas.....	9	8	572	1,910	388	721	996	3,337	6,002	(2)	228	819	(D)
	Texas.....	22	10	1,467	5,399	1,283	2,750	4,088	9,172	18,946	599	(3)	(3)	(3)
	Mountain.....	10	3	482	1,955	272	510	1,271	2,820	4,694	(2)	119	771	(D)
	Pacific.....	57	15	1,735	9,519	1,226	2,664	5,527	12,126	23,708	561	911	6,308	(3)
254-	Partitions and fixtures, total <sup>5</sup> ...	1,848	426	37,747	186,636	29,134	57,331	130,117	301,250	538,872	13,644	33,137	230,712	27,816
	New England.....	102	25	1,652	7,744	1,327	2,633	5,725	11,559	20,506	913	1,915	11,475	1,761
	Massachusetts...	57	14	797	3,776	632	1,208	2,711	5,583	9,903	520	943	5,381	900
	Rhode Island....	12	4	232	978	178	340	751	1,569	2,960	(2)	210	1,349	255
	Connecticut.....	18	2	180	867	142	253	656	1,295	2,252	(2)	278	1,908	285
	Middle Atlantic...	548	130	10,566	52,660	8,419	17,055	38,726	83,326	149,122	3,143	8,963	62,314	6,954
	New York.....	347	79	7,033	35,653	5,568	11,330	25,967	55,392	97,930	1,593	5,852	41,548	4,937
	New Jersey.....	80	16	935	4,553	734	1,421	3,360	6,888	12,577	(2)	767	5,552	633
	Pennsylvania....	121	35	2,598	12,454	2,117	4,304	9,399	21,046	38,615	1,258	2,343	15,213	1,384
	East North Central	366	104	12,800	65,842	9,518	18,394	43,350	112,500	202,548	4,261	12,301	94,490	10,382
	Ohio.....	92	31	5,260	27,429	3,881	7,030	18,195	46,599	84,485	1,067	5,657	45,943	4,750
	Indiana.....	32	5	787	3,640	615	1,266	2,708	6,149	11,342	(2)	487	3,478	497
	Illinois.....	127	39	3,758	20,053	2,764	5,615	12,882	36,431	62,607	2,043	3,671	28,303	3,002
	Michigan.....	70	21	2,259	11,901	1,629	3,304	7,351	19,318	36,383	773	2,138	14,746	1,657
	Wisconsin.....	45	8	736	2,819	629	1,179	2,214	4,003	7,731	(2)	345	2,018	476
	West North Central	102	30	2,301	10,030	1,819	3,566	7,148	15,357	28,450	542	2,337	14,304	2,416
	Minnesota.....	27	10	594	2,590	463	903	1,895	3,403	7,776	(2)	508	4,027	401
	Iowa.....	15	1	186	883	136	270	512	1,330	2,224	(D)	192	1,173	293
	Missouri.....	42	16	1,037	4,523	840	1,605	3,409	7,262	12,153	(2)	1,213	6,449	1,191
	Nebraska.....	7	2	388	1,692	299	616	1,050	2,783	5,155	(2)	357	2,250	407

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Partitions and fixtures, etc.-- Con.													
	South Atlantic....	184	40	3,402	14,790	2,400	4,875	9,076	22,408	39,995	1,122	2,615	14,435	1,335
	Maryland.....	34	8	370	1,661	282	541	1,197	2,475	4,548	(2)	411	2,162	109
	Virginia.....	17	5	1,052	5,000	536	1,166	2,010	7,613	11,872	(2)	1,179	6,007	200
	West Virginia...	6	2	119	546	81	174	327	687	1,833	(2)	55	373	84
	North Carolina..	21	9	713	2,852	614	1,292	2,144	4,602	8,423	(2)	292	2,054	339
	Georgia.....	24	5	284	1,092	215	405	723	2,118	3,670	(2)	204	875	207
	Florida.....	71	9	743	3,207	597	1,171	2,400	4,344	8,438	(2)	311	2,075	266
	East South Central	65	11	731	2,697	568	1,091	1,875	4,556	9,605	595	743	3,913	491
	Kentucky.....	13	3	143	544	116	203	418	1,063	1,897	(2)	187	1,232	219
	Tennessee.....	28	3	304	1,172	234	439	770	1,859	4,350	(2)	307	1,732	(D)
	Alabama.....	16	3	135	453	105	220	343	692	1,581	(2)	114	405	95
	Mississippi.....	8	2	149	528	113	229	344	942	1,777	(2)	134	542	(D)
	West South Central	128	24	1,658	7,255	1,351	2,703	5,442	11,606	20,496	607	1,064	6,309	959
	Louisiana.....	14	2	125	490	105	185	357	724	1,230	(2)	36	202	99
	Oklahoma.....	16	2	149	623	107	136	501	898	1,603	(2)	89	467	51
	Texas.....	93	20	1,370	6,103	1,127	2,364	4,549	9,890	17,474	(2)	901	5,430	770
	Mountain.....	50	7	482	2,402	393	756	1,832	3,849	7,160	(2)	325	2,152	517
	Colorado.....	16	2	192	1,099	150	311	794	1,801	3,426	(2)	198	1,304	294
	Arizona.....	12	4	165	760	144	275	631	1,138	2,055	(2)	67	420	49
	Pacific.....	303	55	4,155	23,216	3,339	6,258	16,943	36,089	60,990	2,211	2,871	21,318	3,001
	Washington.....	28	3	225	1,186	187	311	859	1,802	2,947	(2)	237	1,543	176
	Oregon.....	20	3	240	1,229	204	406	1,003	1,885	3,440	(2)	280	2,045	365
	California.....	255	49	3,690	20,801	2,948	5,541	15,081	32,402	54,603	2,113	2,353	17,729	2,460
2591	Venetian blinds and shades, total..	850	85	11,203	43,634	8,199	15,352	28,387	83,442	187,024	3,306	13,784	77,300	15,446
	New England.....	47	8	739	2,548	614	1,187	1,851	4,909	10,032	(D)	997	4,633	(D)
	Middle Atlantic...	229	19	2,616	10,739	1,953	3,796	6,685	18,669	50,118	(D)	3,327	19,154	3,674
	New York.....	145	7	1,480	6,307	1,083	2,054	3,709	9,978	26,520	(2)	1,940	12,144	2,441
	New Jersey.....	45	6	432	1,759	302	580	1,069	3,974	11,508	(D)	447	2,152	471
	Pennsylvania....	39	6	704	2,672	568	1,162	1,907	4,717	12,090	(2)	939	4,857	762
	East North Central	127	19	3,062	14,289	2,267	4,276	8,697	28,995	58,187	857	3,383	23,119	5,455
	Ohio.....	26	3	398	1,577	333	651	1,248	3,679	8,954	(2)	(3)	(3)	(3)
	Illinois.....	58	7	821	3,401	590	1,118	2,023	5,400	13,807	(2)	926	5,124	1,462
	Wisconsin.....	7	3	266	1,062	211	403	627	1,790	2,961	(2)	(3)	(3)	(3)
	West North Central	51	4	467	1,543	352	674	1,048	2,697	6,367	(2)	528	2,741	(D)
	Missouri.....	17	4	324	1,046	243	492	712	1,766	3,699	(2)	(3)	(3)	(3)
	South Atlantic....	113	14	2,635	8,599	1,732	3,091	6,083	16,442	32,757	(2)	2,821	13,301	(D)
	Georgia.....	19	1	123	330	98	165	235	773	1,888	(2)	(4)	(4)	(4)
	Florida.....	45	6	323	1,037	212	394	668	1,718	4,202	(2)	(3)	(3)	(3)
	East South Central	43	1	207	660	158	297	481	1,374	3,579	(2)	323	1,502	(2)
	West South Central	107	6	596	1,701	442	820	1,110	3,694	9,092	(2)	1,022	4,462	(2)
	Mountain.....	26	1	117	334	101	169	277	607	1,748	(2)	207	821	89
	Pacific.....	107	13	764	3,222	580	1,042	2,155	6,055	15,144	(2)	1,168	7,560	1,641
	California.....	91	11	658	2,844	491	896	1,865	5,141	12,743	(2)	(3)	(3)	(3)
2599	Furniture and fixtures, nec total <sup>6</sup> .....	259	77	7,990	37,450	6,483	12,697	27,692	60,189	110,360	2,691	(6)	(6)	(6)
	New England.....	8	3	158	733	132	255	601	1,124	2,351	(2)	(6)	(6)	(6)
	Middle Atlantic...	89	23	2,103	9,516	1,718	3,358	6,852	16,919	31,933	1,936	(6)	(6)	(6)
	New York.....	55	12	1,160	4,793	978	1,912	3,690	8,611	16,917	(2)	(6)	(6)	(6)
	New Jersey.....	8	3	321	1,700	260	531	1,088	2,741	3,988	(2)	(6)	(6)	(6)
	Pennsylvania....	26	8	622	3,023	480	915	2,074	5,567	11,028	(D)	(6)	(6)	(6)
	East North Central	55	19	3,466	17,442	2,742	5,513	12,884	25,598	43,976	(2)	(6)	(6)	(6)
	Illinois.....	29	12	1,005	4,905	885	1,865	3,938	7,011	12,482	(2)	(6)	(6)	(6)
	Wisconsin.....	7	4	2,280	11,724	1,712	3,344	8,347	16,852	28,389	(2)	(6)	(6)	(6)
	West North Central	20	8	543	1,991	469	785	1,585	3,382	6,690	(2)	(6)	(6)	(6)
	Missouri.....	13	6	455	1,579	401	668	1,334	2,774	5,552	(2)	(6)	(6)	(6)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Furniture and fixtures, nec--Con.													
	South Atlantic....	15	4	636	2,933	531	1,095	2,076	5,289	9,095	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	East South Central	4	...	17	49	16	29	47	56	100	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West South Central	13	3	177	762	120	251	517	1,014	2,367	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Mountain.....	4	1	53	384	45	97	268	559	1,144	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Pacific.....	51	16	837	3,640	710	1,314	2,862	6,248	12,704	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	California.....	43	16	787	3,426	667	1,233	2,668	5,909	12,062	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2521, Wood Office Furniture: New England—Maine, 1 (1-19); Massachusetts, 4 (20-99); Rhode Island, 2 (20-99); Middle Atlantic—New Jersey, 2 (1-19); Pennsylvania, 12 (500-999); East North Central—Illinois, 3 (20-99); West North Central—Minnesota, 1 (1-19); Iowa, 1 (100-249); Missouri, 5 (20-99); Kansas, 1 (1-19); South Atlantic—West Virginia, 2 (1-19); South Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 2 (1-19); East South Central—Kentucky, 1 (1-19); Tennessee, 1 (1-19); Alabama, 1 (1-19); Mississippi, 1 (1-19); West South Central—Oklahoma, 1 (1-19); Texas, 8 (100-249); West—Colorado, 2 (1-19); Washington, 2 (1-19).

SIC 2522, Metal Office Furniture: New England—Massachusetts, 4 (20-99); Connecticut, 3 (500-999); Middle Atlantic—New Jersey, 6 (500-999); Pennsylvania, 13 (2,254); East North Central—Illinois, 9 (1,333); Wisconsin, 4 (100-249); West North Central—Minnesota, 5 (20-99); Iowa, 4 (500-999); Missouri, 3 (20-99); Nebraska, 1 (1-19); Kansas, 3 (250-499); South—Virginia, 1 (250-499); South Carolina, 2 (100-249); Georgia, 1 (100-249); Florida, 1 (1-19); Kentucky, 1 (20-99); Tennessee, 2 (20-99); Oklahoma, 1 (1-19); Texas, 3 (20-99); West—New Mexico, 1 (1-19); Washington, 1 (20-99); California, 21 (250-499).

SIC 2531, Public Building Furniture: New England—Maine, 2 (20-99); New Hampshire, 2 (20-99); Massachusetts, 15 (250-499); Middle Atlantic—New Jersey, 6 (100-249); Pennsylvania, 31 (500-999); East North Central—Ohio, 22 (500-999); Illinois, 23 (500-999); West North Central—South Dakota, 1 (1-19); Nebraska, 3 (20-99); Kansas, 2 (20-99); South—Maryland, 4 (20-99); Virginia, 5 (100-249); West Virginia, 1 (1-19); South Carolina, 1 (1-19); Florida, 4 (100-249); Kentucky, 5 (20-99); Alabama, 5 (20-99); Mississippi, 3 (20-99); Louisiana, 3 (20-99); Oklahoma, 3 (20-99); Mountain—Idaho, 1 (20-99); Colorado, 5 (250-499); Arizona, 2 (1-19); Utah, 1 (20-99); Nevada, 1 (1-19); Pacific—Washington, 3 (100-249); Oregon, 5 (20-99); California, 49 (1,500).

SIC 254-, Partitions and Fixtures: New England—Maine, 5 (100-249); New Hampshire, 8 (250-499); Vermont, 2 (20-99); West North Central—North Dakota, 1 (1-19); Kansas, 10 (20-99); South Atlantic—Delaware, 1 (1-19); District of Columbia, 4 (20-99); South Carolina, 6 (20-99); West South Central—Arkansas, 5 (1-19); Mountain—New Mexico, 9 (20-99); Utah, 9 (20-99); Nevada, 4 (1-19).

SIC 2591, Venetian Blinds and Shades: New England—Maine, 3 (1-19); New Hampshire, 2 (1-19); Massachusetts, 19 (250-499); Rhode Island, 7 (100-249); Connecticut, 16 (100-249); East North Central—Indiana, 13 (20-99); Michigan, 23 (1,481); West North Central—Minnesota, 9 (20-99); Iowa, 9 (1-19); Nebraska, 6 (20-99); Kansas, 10 (20-99); South Atlantic—Maryland, 9 (1,895); District of Columbia, 1 (1-19); Virginia, 14 (100-249); West Virginia, 5 (20-99); North Carolina, 18 (100-249); South Carolina, 2 (1-19); East South Central—Kentucky, 9 (20-99); Tennessee, 12 (20-99); Alabama, 14 (20-99); Mississippi, 8 (20-99); West South Central—Arkansas, 8 (20-99); Louisiana, 10 (20-99); Oklahoma, 7 (20-99); Texas, 82 (250-499); Mountain—Montana, 1 (1-19); Idaho, 3 (1-19); Wyoming, 1 (1-19); Colorado, 7 (20-99); New Mexico, 3 (1-19); Arizona, 8 (20-99); Utah, 3 (1-19); Pacific—Washington, 10 (20-99); Oregon, 6 (20-99).

SIC 2599, Furniture and Fixtures, NEC: New England—Massachusetts, 5 (100-249); Connecticut, 3 (20-99); East North Central—Ohio, 4 (20-99); Indiana, 4 (1-19); Michigan, 11 (100-249); West North Central—Minnesota, 5 (20-99); Iowa, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 3 (250-499); Virginia, 1 (250-499); North Carolina, 1 (20-99); Georgia, 3 (20-99); Florida, 7 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 2 (1-19); Alabama, 1 (1-19); West South Central—Arkansas, 1 (20-99); Oklahoma, 1 (1-19); Texas, 11 (100-249); Mountain—Colorado, 2 (20-99); Utah, 1 (1-19); Nevada, 1 (1-19); Pacific—Washington, 4 (20-99); Oregon, 4 (1-19).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>This State (division) was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States (divisions). In the 1947 report, the footnote to table 2 usually provided similar information.<sup>4</sup>This division (State) was not shown as a separate line in table 2 in the 1954 and 1947 reports for this industry because it was not statistically significant.<sup>5</sup>See text for explanation of data shown for this industry group.<sup>6</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

Table 3.-Detailed Statistics for the United States: 1958

Item	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Partitions and fixtures (SIC 254-)	Venetian blinds (SIC 2591)	Furniture and fixtures, nec (SIC 2599)
Primary product specialization ratio <sup>1</sup> .....	89	88	88	91	92	71
Coverage ratio <sup>2</sup> .....	82	86	80	86	93	74
Number of establishments, total.....	150	151	390	1,848	850	259
With 1-19 employees.....	94	63	243	1,422	765	182
With 20-99 employees.....	37	52	119	368	71	63
With 100 employees or more.....	19	36	28	58	14	14
Proprietors and working partners.....Number..	73	34	232	1,246	710	165
All employees:						
Number (average for the year).....	5,821	17,469	15,952	37,747	11,203	7,990
Payroll.....\$1,000..	23,516	85,996	69,342	186,636	43,634	37,450
Production workers:						
Number (average for the year).....	4,957	13,857	12,620	29,134	8,199	6,483
March.....	4,806	13,912	12,128	27,724	7,744	6,582
May.....	4,846	13,056	12,326	28,209	8,222	6,354
August.....	5,063	13,902	13,713	30,283	8,327	6,452
November.....	5,140	14,602	12,436	30,195	8,639	6,570
Man-hours.....1,000..	10,007	26,911	25,759	57,331	15,352	12,697
January-March.....do....	2,372	6,673	5,981	13,634	3,661	3,142
April-June.....do....	2,436	6,506	6,339	14,012	3,874	3,197
July-September.....do....	2,494	6,488	6,993	14,633	3,779	3,026
October-December.....do....	2,705	7,244	6,446	15,052	4,038	3,332
Wages.....\$1,000..	17,627	62,746	48,401	130,117	28,387	27,692
Cost of materials, etc., total.....do....	29,550	109,699	97,962	240,106	103,180	50,575
Materials, parts, containers, and supplies consumed.....do....	26,067	95,005	87,927	213,577	85,668	45,802
Cost of resales.....do....	1,978	10,847	5,124	15,073	15,134	2,877
Fuels consumed.....do....	299	1,360	868	1,990	550	539
Electricity purchased.....do....	439	1,372	1,287	3,076	833	601
Contract work.....do....	767	1,115	2,756	6,390	995	756
Value of shipments (including resales), total.....do....	68,392	286,004	208,406	538,872	187,024	110,360
Value of resales.....do....	2,143	14,217	6,238	18,849	19,129	3,350
Value added by manufacture, adjusted.....do....	38,427	173,673	112,881	301,250	83,442	60,189
Manufacturers' inventories:						
Beginning of year, total.....do....	11,941	55,099	41,579	76,051	33,087	17,664
Finished products.....do....	2,944	18,935	9,707	17,467	12,765	3,371
Work-in-process.....do....	3,922	14,222	14,103	23,193	3,877	4,774
Materials, supplies, fuel, etc.....do....	5,075	21,942	17,769	35,391	16,445	9,519
End of year, total.....do....	11,362	52,080	45,253	77,491	32,156	16,701
Finished products.....do....	2,796	15,608	11,375	17,674	12,534	3,132
Work-in-process.....do....	3,653	14,916	14,872	25,498	3,705	5,416
Materials, supplies, fuel, etc.....do....	4,913	21,556	19,006	34,319	15,917	8,153
Expenditures for plant and equipment, total.....do....	903	5,542	5,528	14,583	3,487	<sup>r</sup> 2,817
New, total.....do....	840	5,253	4,941	13,644	<sup>r</sup> 3,306	2,691
New structures and additions to plant.....do....	334	1,384	1,937	5,281	<sup>r</sup> 1,447	1,470
New machinery and equipment.....do....	506	3,869	3,004	8,363	<sup>r</sup> 1,859	1,221
Used plant and equipment.....do....	63	289	587	939	181	126

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2521	Wood office furniture:											
	Number of establishments.....	150	49	23	22	29	8	13	6	...	...	...
	All employees:											
	Number.....	5,821	106	160	304	949	<u>2,393</u>	(D)	1,909	...	...	...
	Payroll.....\$1,000..	23,516	395	630	1,427	4,047	<u>9,236</u>	(D)	7,781	...	...	...
	Value added, adjusted..do....	38,427	946	922	2,401	5,732	<u>14,358</u>	(D)	14,068	...	...	...
	Value of shipments.....do....	68,392	1,941	1,920	4,285	10,231	<u>25,543</u>	(D)	24,472	...	...	...
	Capital expend., new...do....	840	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	( <sup>1</sup> )	...	...	...
2522	Metal office furniture:											
	Number of establishments.....	151	32	12	19	32	20	19	10	5	1	1
	All employees:											
	Number.....	17,469	64	79	261	1,037	1,430	3,024	3,662	<u>7,912</u>	(D)	(D)
	Payroll.....\$1,000..	85,996	225	323	1,051	4,214	6,489	14,567	19,008	<u>40,119</u>	(D)	(D)
	Value added, adjusted..do....	173,673	517	498	2,918	7,311	11,762	33,181	43,791	<u>73,695</u>	(D)	(D)
	Value of shipments.....do....	286,004	1,598	959	4,601	13,203	20,755	56,330	65,476	<u>123,082</u>	(D)	(D)
	Capital expend., new...do....	5,253	<sup>1</sup> 76	<sup>1</sup> 67	<sup>1</sup> 131	<sup>1</sup> 394	611	837	1,397	<u>1,740</u>	(D)	(D)
2531	Public building furniture:											
	Number of establishments.....	390	110	67	66	70	49	17	7	3	1	...
	All employees:											
	Number.....	15,952	240	471	897	2,084	3,659	2,705	2,425	<u>3,471</u>	(D)	...
	Payroll.....\$1,000..	69,342	972	1,808	3,668	8,377	14,927	11,663	11,126	<u>16,801</u>	(D)	...
	Value added, adjusted..do....	112,881	1,649	3,677	5,417	12,437	23,491	18,893	16,557	<u>30,760</u>	(D)	...
	Value of shipments.....do....	208,406	3,934	6,633	11,404	25,040	45,341	34,469	27,542	<u>54,043</u>	(D)	...
	Capital expend., new...do....	4,941	401	167	224	464	1,001	1,658	484	<u>542</u>	(D)	...
254-	Partitions and office fixtures:											
	Number of establishments.....	1,848	709	372	341	271	97	44	9	3	2	...
	All employees:											
	Number.....	37,747	1,488	2,479	4,611	8,276	6,658	6,947	2,727	<u>4,561</u>	(D)	...
	Payroll.....\$1,000..	186,636	5,927	11,081	22,113	41,751	33,544	36,468	12,988	<u>22,764</u>	(D)	...
	Value added, adjusted..do....	301,250	12,542	17,713	34,094	62,521	52,962	55,247	24,931	<u>41,240</u>	(D)	...
	Value of shipments.....do....	538,872	25,601	33,872	63,160	111,809	93,649	97,788	41,271	<u>71,722</u>	(D)	...
	Capital expend., new...do....	13,644	2,254	1,550	1,388	1,887	2,673	1,657	1,172	<u>1,063</u>	(D)	...
2591	Venetian blinds and shades:											
	Number of establishments.....	850	522	155	88	63	8	8	4	...	2	...
	All employees:											
	Number.....	11,203	1,033	1,024	1,210	1,873	534	1,343	4,186	...	(D)	...
	Payroll.....\$1,000..	43,634	3,220	3,462	4,716	7,019	2,184	5,124	<u>17,909</u>	...	(D)	...
	Value added, adjusted..do....	83,442	8,359	6,494	7,990	12,510	3,786	9,991	<u>34,312</u>	...	(D)	...
	Value of shipments.....do....	187,024	19,663	16,561	21,312	31,978	9,008	21,700	<u>66,802</u>	...	(D)	...
	Capital expend., new...do....	<sup>1</sup> 3,306	607	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,045	<u>724</u>	...	(D)	...
2599	Furniture and fixtures, nec:											
	Number of establishments.....	259	96	46	40	46	17	10	3	...	1	...
	All employees:											
	Number.....	7,990	189	299	563	1,465	1,184	1,673	<u>2,617</u>	...	(D)	...
	Payroll.....\$1,000..	37,450	730	1,356	2,293	6,738	5,162	7,837	<u>13,334</u>	...	(D)	...
	Value added, adjusted..do....	60,189	1,549	2,542	3,882	11,472	8,343	13,932	<u>18,469</u>	...	(D)	...
	Value of shipments.....do....	110,360	3,448	5,444	7,974	23,132	15,524	23,794	<u>31,044</u>	...	(D)	...
	Capital expend., new...do....	2,691	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,821	( <sup>1</sup> )	...	(D)	...

<sup>1</sup>Revised. <sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2521	Wood office furniture.....1958..	68,392	58,057	7,018	3,317	89	70,689	58,057	12,632	82
	.....1954..	54,358	44,933	7,202	2,223	86	52,396	44,933	7,463	86
2522	Metal office furniture.....1958..	286,004	236,403	32,773	16,828	88	273,309	236,403	36,906	86
	.....1954..	211,546	168,312	33,125	10,109	84	193,481	168,312	25,169	87
2531	Public building furniture.....1958..	208,406	174,087	25,362	8,957	88	218,924	174,087	44,837	80
	.....1954..	163,772	129,860	27,020	6,892	83	151,370	129,860	21,510	86
254-	Partitions and fixtures <sup>3</sup> .....1958..	538,872	459,777	46,460	32,635	91	535,186	459,777	75,409	86
	.....1954..	416,586	342,580	44,814	29,192	88	395,284	342,580	52,704	87
2591	Venetian blinds and shades.....1958..	187,024	151,914	12,767	22,343	92	162,661	151,914	10,747	93
	.....1954..	196,479	149,016	26,251	21,212	85	171,811	149,016	22,795	87
2599	Furniture and fixtures, nec.....1958..	110,360	75,414	30,064	4,882	71	101,942	75,414	26,528	74

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>See text for explanation of data shown for this industry group.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Partitions <sup>1</sup> and fixtures (SIC 254)	Venetian blinds and shades (SIC 2591)	Furniture and fixtures, nec (SIC 2599)	Other industries	All industries
	Total shipments of the industry.....	68,392	286,004	208,406	538,872	187,024	110,360	xxx	xxx
	Office, public building, and miscellaneous furniture, and venetian blinds and shades....	62,958	257,661	184,310	473,191	152,072	83,528	xxx	xxx
25210	Wood office furniture.....	58,057	(D)	2,665	1,094	(D)	703	5,093	70,689
25221	Chairs, stools, couches, etc., including upholstered.....	(D)	46,600	(D)	(D)	...	335	<sup>2</sup> 10,718	58,547
25222	Desks.....	...	64,956	(D)	(D)	...	...	777	66,335
25223	Cabinets and cases.....	...	92,173	...	3,095	...	...	<sup>3</sup> 11,999	107,267
25224	Other metal office furniture, including tables, stands, etc.....	(D)	25,924	(D)	1,614	...	(D)	<sup>4</sup> 5,981	34,156
25220	Metal office furniture, nsk.....	...	6,750	(D)	...	...	...	(D)	7,004
25311	School furniture, except stone and concrete.	3,052	303	77,121	1,700	(D)	1,523	( <sup>5</sup> )	102,162
25312	Public building and related furniture, except school furniture.....	(D)	(D)	80,267	1,886	...	(D)	<sup>6</sup> 11,540	95,593
25310	Public building and related furniture, nsk..	...	...	16,699	147	...	(D)	(D)	21,169
253--	Partitions, shelving, lockers, and office and store fixtures, wood and metal.....	(D)	14,939	5,051	459,777	(D)	3,924	<sup>7</sup> 51,027	535,186
25911	Window shades and accessories.....	...	...	...	...	77,774	...	<sup>8</sup> 7,386	85,160
25912	Venetian blinds.....	...	...	...	(D)	51,291	...	(D)	53,862
25910	Venetian blinds and window shades, nsk.....	...	...	...	...	22,849	...	790	23,639
25990	Furniture and fixtures, nec.....	(D)	2,645	1,743	3,415	(D)	75,414	<sup>9</sup> 18,190	101,942
	Other products.....	2,117	11,515	<sup>10</sup> 15,139	33,046	<sup>11</sup> 12,609	<sup>12</sup> 21,950	xxx	xxx
	Miscellaneous receipts.....	3,317	16,828	8,957	32,635	22,343	4,882	xxx	xxx
	Contract and commission work.....	631	571	531	3,734	644	774	xxx	xxx
	Repair work.....	( <sup>13</sup> )	2,040	153	198	934	(D)	xxx	xxx
	Other.....	489	xxx	2,035	9,854	1,636	(D)	xxx	xxx
	Resales.....	2,143	14,217	6,238	18,849	19,129	3,350	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>See text for explanation of figures shown for this industry group.

<sup>2</sup>Includes \$10 million produced in Industry 2514, Metal Household Furniture.

<sup>3</sup>Includes an amount between \$5 million and \$10 million produced in Industry 3433, Nonelectric Heating Equipment, and Industry 3572, Typewriters.

<sup>4</sup>Includes an amount between \$1 million and \$5 million produced in Industry 3811, Scientific Instruments.

<sup>5</sup>Includes an amount largely produced in the following Industries: 2511, Wood Furniture, not Upholstered, 3433, Nonelectric Heating Equipment,

3949, Sporting and Athletic Goods, NEC.

<sup>6</sup>Includes an amount between \$5 million and \$10 million produced in the following Industries: 2511, Wood Furniture, not Upholstered; 2514, Metal Household Furniture; and 3949, Sporting and Athletic Goods, NEC.

<sup>7</sup>Includes an amount between \$10 million and \$15 million produced in Industry 3585, Refrigeration Machinery.

<sup>8</sup>Mostly Industry 2295, Coated Fabric, not Rubberized.

<sup>9</sup>Includes an amount between \$10 million and \$15 million produced in the following Industries: 2514, Metal Household Furniture; 3444, Sheet Metal Work; and 3988, Morticians' Goods.

<sup>10</sup>Includes an amount between \$1 million and \$5 million produced in product class 37291, Other aircraft parts and auxiliary equipment.

<sup>11</sup>Includes \$3 million produced in product class 34443, Other sheet metal work, and \$2 million produced in product class 34493, Miscellaneous metal building materials.

<sup>12</sup>Includes an amount between \$5 million and \$10 million produced in product classes 25151, Innerspring mattresses and spring cushions, and 38410, Surgical and medical instruments and apparatus.

<sup>13</sup>Less than \$100 thousand.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (number of units)	Value (\$1,000)	Quantity (number of units)	Value (\$1,000)
2521---	Wood office furniture, total.....	xxx	70,689	xxx	52,396
2521011	Chairs and stools (including upholstered):				
	Quantity reported.....	628,168	21,262	597,133	13,414
	Quantity not reported.....	xxx	xxx	xxx	4,944
2521019	Sofas, couches, settees, etc., (including upholstered).....	(NA)	4,921	33,600	2,136
	Desks (including modular units):				
2521031	Executive type (over 60" width).....	92,405	12,329	175,223	14,013
2521035	Clerical and secretarial (60" width and under) (with typewriter mechanism and all other):				
	Quantity reported.....	124,747	11,078	51,677	3,498
	Quantity not reported.....	xxx	xxx	xxx	455
2521041	Cabinets and cases (including file cabinets):				
	Quantity reported.....	100,119	5,067		
	Quantity not reported.....	xxx	1,813	xxx	4,432
2521098	Other wood office furniture.....	xxx	7,665	xxx	8,037
2521000	Wood office furniture, nsk.....	xxx	16,554	xxx	1,467
2522---	Metal office furniture, total.....	xxx	273,309	xxx	193,481
25221--	Chairs, stools, couches, etc., including upholstered.....	xxx	58,547	xxx	33,338
2522111	Chairs, and stools (including upholstered).....	1,923,062	50,092	1,135,170	32,866
2522151	Sofas, couches, settees, etc. (including upholstered).....	112,007	5,993	4,740	472
2522100	Chairs and sofas, nsk.....	xxx	2,462	xxx	(2)
25222--	Desks.....	xxx	66,335	xxx	44,014
	Desks (including modular units):				
2522213	Executive type (over 60" width).....	173,582	20,711	361,354	33,585
2522253	Clerical and secretarial (60" width and under) (with typewriter mechanism and all other).....	418,540	44,309	110,313	10,429
2522200	Desks, nsk.....	xxx	1,315	xxx	(2)
25223--	Cabinets and cases.....	xxx	107,267	xxx	94,003
2522321	Noninsulated files (except insulated and visible files).....	2,584,172	76,637		
2522323	Insulated filing cabinets, except safes.....	72,324	10,681		
2522325	Visible equipment (except vertical, rotary units and visible insulated equipment):				
	Quantity reported.....	56,499	6,744	xxx	94,003
	Quantity not reported.....	xxx	1,869		
2522327	Vertical and rotary units, hand operated and mechanized:				
	Quantity reported.....	10,946	6,210		
	Quantity not reported.....	xxx	944		
2522300	Cabinets and cases, nsk.....	xxx	4,182		
25224--	Other office furniture, including tables, stands, etc.....	xxx	34,156	xxx	21,092
2522411	Tables and stands:				
	Quantity reported.....	545,008	15,973	xxx	14,486
	Quantity not reported.....	xxx	1,775		
2522498	Other metal office furniture.....	xxx	15,349	xxx	6,606
2522400	Other metal office furniture nsk.....	xxx	1,059	xxx	(2)
2522000	Metal office furniture, nsk.....	xxx	17,004	xxx	1,034
2531---	Public building, and related furniture, total.....	xxx	218,924	xxx	151,370
25311--	School furniture, except stone and concrete.....	xxx	102,162	xxx	71,339
	Single pupil units:				
2531112	Desk seat combination with book box (swivel or fixed seat).....	(NA)	13,986		
2531115	Desk seat combination without book box (including study top).....	155,166	2,817	1,130,752	17,286
2531122	Chair desk.....	1,216,736	11,255		
2531124	Tablet arm chair.....	315,187	3,857	1,794,900	16,863
2531129	Other single pupil units (including single pupil table desks).....	860,150	8,458		
2531133	Two or more pupil units (including table desks and tables).....	158,019	3,631		
2531136	Chairs, all purpose (nonfolding).....	2,136,117	12,991	xxx	37,190
2531138	Folding tables and benches (combination).....	126,101	7,290		
2531139	Other school furniture (tables, storage cabinets, factory built, chalk board, etc.) except stone and concrete.....	xxx	28,668		
2531100	School furniture, nsk.....	xxx	9,209		
25312--	Public building and related furniture, except school furniture.....	xxx	95,593	xxx	69,868
2531211	Seats for public conveyances, automobiles, trucks, aircraft and for school busses.....	138,094	21,161	xxx	11,191
2531231	Church pews (linear ft.).....	1,949,986	18,164	(NA)	12,593
2531239	Other church furniture (pulpits, altars, lecterns, etc.).....	xxx	7,924	xxx	7,058



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity	Value	Quantity	Value
		number of units	\$1,000	number of units	\$1,000
2551--	Public building, and related furniture--Continued				
255100--	Public building and related furniture, except school furniture--Continued				
	Chairs and seats:				
	Theatre and auditorium:				
2551051	Fixed.....	706,835	11,288	4,670,221	22,654
2551050	Portable-folding chairs, single or ganged:				
	Quantity reported.....	4,030,436	14,976		
	Quantity not reported.....	xxx	1,393		
2551061	Stadium and bleacher seats.....	xxx	7,585	xxx	6,295
2551098	Other (tables, benches, seats, etc.).....	xxx	13,102	xxx	10,077
2551000	Public-building furniture, nsk.....	xxx	21,169	xxx	10,163
254--	Partitions, shelving, lockers and office and store fixtures <sup>5</sup> .....	xxx	535,186	xxx	395,284
	Wood:				
2541011	Partitions (prefabricated-assembled or knocked down).....	xxx	11,628	xxx	5,929
2541015	Shelving and lockers.....	xxx	6,112	xxx	7,045
2541031	Show and display cases (including wall types) and tables.....	xxx	62,602	xxx	63,625
2541041	Cabinets (floor or wall types).....	xxx	26,027	xxx	15,221
2541061	Counters, except bank counters.....	xxx	24,685	xxx	12,953
2541098	Other fixtures (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, wood bank counters, etc.).....	xxx	48,483	xxx	37,208
	Metal:				
	Partitions (prefabricated assembled or knocked down):				
2542013	Toilet Partitions.....	xxx	19,955	xxx	39,096
2542017	Movable (except free standing).....	xxx	37,097		
2542019	Other partitions, including free standing (excluding accordion and folding type doors).....	xxx	9,732		
		1,000 lin ft.		1,000 lin ft.	
2542031	Shelving:				
	Quantity reported.....	15,513	44,561	20,389	38,976
	Quantity not reported.....	xxx	18,201		
				1,000 openings	
2542051	Lockers.....	(NA)	27,456	2,899	23,873
2542061	Show and display cases (including wall types) and tables.....	xxx	13,972	xxx	12,737
2542071	Cabinets (floor or wall types).....	xxx	22,549	xxx	10,116
2542081	Counters, except bank counters.....	xxx	8,361	xxx	4,995
2542098	Other fixtures (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, metal bank counters, except ornamental metal work, etc.).....	xxx	35,704	xxx	60,145
2541000	Partitions, shelving, lockers and office and store fixtures nsk.....	xxx	118,061	xxx	63,365
2542000		xxx		xxx	
2591--	Venetian blinds and shades, total.....	xxx	162,661	xxx	171,811
25911--	Window-shades and accessories.....	xxx	85,160	xxx	69,725
2591112	Window-shades, cloth, plastic, paper, etc.....	42,552	32,361	xxx	69,725
2591115	Window-shade accessories.....	xxx	7,028		
2591117	Curtain and drapery rods, poles and fixtures fabricated in this plant.....	xxx	33,978		
2591100	Window-shades and accessories, nsk.....	xxx	11,793		
25912--	Venetian blinds.....	xxx	53,862	xxx	102,086
	Venetian blinds, complete:			number of units	
2591211	Steel-slat blinds.....	7,022	21,176	12,582	30,952
2591251	Aluminum-slat blinds:				
	Quantity reported.....	(NA)	13,080	3,126	15,231
	Quantity not reported.....			xxx	3,960
2591255	All other venetian blinds.....	(NA)	2,333	xxx	(7)
	Porch shades and unassembled blinds:				
2591261	Vertical blinds, all types regardless of materials.....	(NA)	1,882	xxx	(7)
2591271	Unassembled venetian blinds, parts and components fabricated in this plant....	xxx	12,418	xxx	16,475
2591281	Household porch shades, except canvas.....	(NA)	703	xxx	3,042
2591200	Venetian blinds, nsk.....	xxx	2,270	xxx	832,426
2591000	Venetian blinds and shades, nsk.....	xxx	23,639	xxx	xxx





Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Desks (metal) (25222):</u> Continued		<u>School furniture, except stone and concrete (25311)—Continued</u>	1958 <sup>2</sup>	<u>Window shades and accessories (25911)—Continued</u>	
United States, total— Continued				United States, total— Continued	
1955.....	63,746	Middle Atlantic.....	9,618	1956.....	91,358
1954.....	44,014			1955.....	77,175
1953.....	50,524	Pennsylvania.....	5,428	1954.....	69,725
1952.....	52,905			1947.....	51,197
1951.....	49,758	East North Central.....	48,964		
1947.....	14,109			1958 <sup>2</sup>	1954
	1958 <sup>2</sup>	Ohio.....	1,913	New England.....	4,104 2,726
Middle Atlantic.....	25,505	Indiana.....	6,508	Rhode Island.....	( <sup>3</sup> ) 1,604
New York.....	10,116	Illinois.....	8,160	Middle Atlantic.....	15,957 17,938
East North Central.....	30,936	Michigan.....	31,574	New York.....	11,136 14,988
		West North Central.....	5,999	New Jersey.....	2,547 1,531
Ohio.....	15,825	South.....	25,825	Pennsylvania.....	2,274 1,418
Pacific.....	2,212			East North Central.....	48,433 35,506
California.....	2,212	North Carolina.....	8,280	Ohio.....	5,230 4,783
		Texas.....	11,044	Indiana.....	( <sup>3</sup> ) 1,189
				Illinois.....	14,778 10,301
Cabinets and cases (metal) (25223):	Value of shipments	Pacific.....	9,786	Michigan.....	( <sup>3</sup> ) 17,140
United States, total:		California.....	7,563	Wisconsin.....	3,067 2,091
1958.....	107,267	<u>Public building and related furniture, except school furniture (25312):</u>		West North Central.....	1,170 718
1957.....	1109,122	United States, total:	95,593	South Atlantic.....	9,024 7,881
1956.....	114,852			Maryland.....	( <sup>3</sup> ) 7,226
1954.....	94,003	New England.....	7,170	West South Central.....	1,917 ( <sup>4</sup> )
1953.....	103,672	Massachusetts.....	2,449	Texas.....	1,783 ( <sup>4</sup> )
1952.....	117,810	Middle Atlantic.....	10,377	Pacific.....	3,611 3,591
1951.....	114,889			California.....	3,131 3,228
1950.....	76,888	New York.....	5,104		Value of shipments
1949.....	71,875	Pennsylvania.....	4,459	<u>Furniture and fixtures, nec (25990):</u>	1958 <sup>2</sup>
1947.....	76,775	East North Central.....	42,136	United States, total.....	101,942
	1958 <sup>2</sup> 1954			New England.....	3,658
New England.....	2,286 ( <sup>2</sup> )	Ohio.....	4,881	Massachusetts.....	2,261
Middle Atlantic.....	46,883 43,536	Indiana.....	4,951	Connecticut.....	1,229
New York.....	29,899 29,054	Illinois.....	5,861	Middle Atlantic.....	31,112
New Jersey.....	( <sup>3</sup> ) 2,629	Michigan.....	18,255	New York.....	15,651
Pennsylvania.....	( <sup>2</sup> ) 11,852	Wisconsin.....	8,188	New Jersey.....	3,187
East North Central.....	49,367 40,454	West North Central.....	5,396	Pennsylvania.....	12,274
Ohio.....	26,558 20,240	Missouri.....	2,653	East North Central.....	37,499
Illinois.....	6,108 6,621	South Atlantic.....	9,377	Illinois.....	13,543
Michigan.....	14,377 12,335	Virginia.....	2,096	Michigan.....	2,643
Wisconsin.....	1,529 ( <sup>3</sup> )	North Carolina.....	5,668	Wisconsin.....	14,781
West North Central.....	3,029 2,725	West South Central.....	9,966		
South.....	3,422 3,426			East North Central.....	37,499
Pacific.....	2,098 2,920	Arkansas.....	4,044	Illinois.....	13,543
		Texas.....	5,087	Michigan.....	2,643
California.....	2,098 ( <sup>2</sup> )	Mountain.....	2,620	Wisconsin.....	14,781
	Value of shipments			West North Central.....	9,230
<u>School furniture, except stone and concrete (25311):</u>	1958 <sup>2</sup>	Pacific.....	9,698	Missouri.....	8,429
United States, total.....	102,162	California.....	9,419	South Atlantic.....	6,328
New England.....	1,870	<u>Window shades and accessories (25911):</u>	Value of shipments	West South Central.....	2,156
Massachusetts.....	1,226	United States, total:		Texas.....	1,678
		1958.....	85,160	Pacific.....	10,741
		1957.....	99,014	California.....	10,079

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications, unless otherwise noted. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

\*Source: Facts for Industry, Series M25H, Manufacturers Shipments of Office Furniture.

<sup>2</sup> For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 25210, Iowa and Kentucky; 25221, Massachusetts, Ohio, Missouri, Kansas, and South Carolina; 25222, New Newsey, Pennsylvania, Illinois, Michigan, and Wisconsin; 25223, Massachusetts, Connecticut, New Jersey, Pennsylvania, Iowa, and Virginia; 25331, New York, Minnesota, Iowa, Virginia, and Arkansas; 25312, Maine, Connecticut, and Colorado; 25990, Ohio, Indiana, Maryland, and Virginia.

<sup>3</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>4</sup>Shipments of less than \$1 million reported.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2521—WOOD OFFICE FURNITURE			
	Materials, parts, containers and supplies, total.....		xxx	26,067	xxx	22,691
242113	Hardwood lumber, rough and dressed.....	1,000 bd. ft..	35,305	5,287	35,269	14,115
242117	Softwood lumber, rough and dressed.....	...do.....	1,912	195	...	( <sup>2</sup> )
242131	Rough, surfaced, or semifabricated hardwood dimension.....	...do.....	1,292	403	...	( <sup>2</sup> )
242213	Hardwood veneer.....	1,000 sq. ft. (surf. meas.)	26,938	1,389	42,400	1,510
	Hardwood plywood:					
243211	Veneer core.....	...do.....	5,620	1,628	3,426	1,002
243213	Lumber core (including particle board core).....	...do.....	2,054	1,098	2,037	830
331212	} Mill shapes and forms (except castings) carbon steel (including wrought iron)	Short tons....	xxx	( <sup>2</sup> )	3,133	590
331219						
311110	Finished leather.....	1,000 sq. ft..	28,632	1,513	...	( <sup>2</sup> )
282315	Unsupported plastic film and sheets (exclude packaging material).....	1,000 sq. yds.	312	235	...	( <sup>2</sup> )
970099	All other materials, components, parts, containers and supplies consumed..		xxx	9,196	xxx	11,133
973000	Materials, components, parts, containers and supplies consumed, nsk.....		xxx	35,123	xxx	3,511
			INDUSTRY 2522—METAL OFFICE FURNITURE			
	Materials, parts, containers and supplies, total.....		xxx	95,005	xxx	74,259
242113	Hardwood lumber, rough and dressed.....	1,000 bd. ft..	810	138	} 12,142	1,137
242117	Softwood lumber, rough and dressed.....	...do.....	5,979	558		
243211	} Plywood, hardwood and softwood, veneer and lumber core.....		xxx	231	xxx	( <sup>2</sup> )
243213						
243215						
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331212	Sheet and strip.....	Short tons....	229,505	35,511	204,375	26,160
331219	All other carbon steel mill shapes and forms (including tubing):					
	Quantity reported.....	...do.....	9,599	1,589	} 7,317	1,523
	Quantity not reported.....	...do.....	xxx	448		
331225	} Alloy steel mill shapes and forms (including stainless).....		xxx	92	xxx	( <sup>2</sup> )
331231						
	Aluminum and aluminum base alloy mill shapes and forms:					
335257	Sheet, plate, and foil.....	1,000 lbs.....	585	338	} 1,412	1,104
335259	All other aluminum mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....	...do.....	xxx	1,991		
282315	Unsupported plastic film and sheets (exclude packaging material).....	1,000 sq. yds.	xxx	245	xxx	( <sup>2</sup> )
970099	All other materials, components, parts, containers and supplies consumed..		xxx	46,575	xxx	36,608
973000	Materials, components, parts, containers and supplies, nsk.....		xxx	37,289	xxx	5,456

Code	Material	Unit of measure	1958		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2531—PUBLIC BUILDING FURNITURE				INDUSTRY 254 —PARTITIONS AND FIXTURES			
	Materials, parts, containers and supplies, total.....		xxx	87,927	xxx	69,382	xxx	213,577	xxx	157,783
242113	Hardwood lumber, rough and dressed:									
	Quantity reported.....	1,000 bd. ft..	44,653	8,850	} 51,412	8,661	{ 55,077	6,245	(NA)	} 5,713
	Quantity not reported.....		xxx	xxx						
242117	Softwood lumber, rough and dressed:									
	Quantity reported.....	1,000 bd. ft..	7,852	1,405	} 51,412	8,661	{ 28,957	4,522	(NA)	} 4,485
	Quantity not reported.....		xxx	xxx						
242131	Rough, surfaced or semifabricated hardwood dimension.....	1,000 bd. ft..	1,603	573	9,480	1,825	(NA)	783	xxx	( <sup>2</sup> )
242213	Hardwood veneer.....	1,000 sq. ft. (surf. meas.)	83,060	4,764	71,728	3,443	(NA)	1,624	(NA)	1,066
243211	Hardwood plywood:									
	Veneer core:									
	Quantity reported.....	...do.....	9,192	2,411	} 1,176	1,176	{ 15,124	4,943	(NA)	} 6,314
	Quantity not reported.....		xxx	494						
243213	Lumber core (incl. particle board core):									
	Quantity reported.....	1,000 sq. ft. (surf. meas.)	2,328	913	} 3,527	909	{ (NA)	3,210	7,569	} 2,546
	Quantity not reported.....		xxx	169						
243215	Softwood plywood:									
	Quantity reported.....	1,000 sq. ft. (3/8" basis).	14,531	1,646	xxx	( <sup>2</sup> )	59,720	8,737	(NA)	} 4,787
	Quantity not reported.....		xxx	290	xxx	( <sup>2</sup> )	xxx	2,610	(NA)	

See footnotes at end of table.



Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Unit of measure	1958		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2531—PUBLIC BUILDING FURNITURE—Continued				INDUSTRY 254 —PARTITIONS AND FIXTURES—Continued			
331212	Mill shapes and forms (except casting):									
331219	Carbon steel (including wrought iron):									
	Sheet and strip.....	Short tons....	60,103	9,150	59,654	7,987	241,627	37,463	218,985	28,468
	All other carbon steel mill shapes and forms (including tubing):									
	Quantity reported.....	do.....	16,694	3,716	11,408	2,213	(NA)	3,933	12,094	2,285
	Quantity not reported.....	do.....	xxx	1,173			xxx	xxx	xxx	xxx
331225	Alloy steel mill shapes and forms (except stainless).....	Short tons....	(NA)	246	xxx	(2)	(NA)	1,120	1,246	1,310
331231	Stainless steel mill shapes and forms.....	do.....	107	158	xxx	(2)	(NA)	2,191		
	Aluminum and aluminum-base alloy mill shapes and forms:									
335257	Sheet plates and foil.....	Short tons....	473	373	1,412	1,104	(NA)	660	3,166	1,625
335259	All other aluminum mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....	do.....	896	728			(NA)	896		
311110	Finished leather.....		(NA)	85	xxx	(2)	xxx	(2)	xxx	(2)
282315	Unsupported plastic film and sheets (exclude packaging material):									
	Quantity reported.....	1,000 sq. yds.	(NA)	948	xxx	(2)	3,794	3,658	xxx	(2)
	Quantity not reported.....		xxx	xxx	xxx	xxx	xxx	483	xxx	(2)
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	37,871	xxx	36,608	xxx	74,067	xxx	62,657
973000	Materials, components, parts, containers and supplies consumed, nsk.....		xxx	<sup>3</sup> 11,964	xxx	5,456	xxx	<sup>3</sup> 54,320	xxx	36,527

Code	Material	Unit of measure	1958	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2591—VENETIAN BLINDS AND SHADES	
	Materials, parts, containers and supplies, total.....		xxx	85,668
331212	Mill shapes and forms (except castings):			
331219	Carbon steel (including wrought iron).....	Short tons....	72,770	12,938
	All other carbon steel mill shapes and forms including tubing:			
	Quantity reported.....	do.....	3,397	1,008
	Quantity not reported.....	do.....	xxx	135
331225	Alloy steel mill shapes and forms (except stainless).....		(NA)	568
335257	Aluminum and aluminum-base alloy mill shapes and forms:			
	Sheet plate and foil.....	1,000 lbs.....	(NA)	<sup>r</sup> 4,847
335259	All other aluminum mill shapes and forms (extruded shapes, tubing, wire, structural shapes, rod, bar, powder, etc.).....		(NA)	3,019
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	37,182
973000	Materials, components, parts, containers and supplies consumed, nsk.....		xxx	<sup>3</sup> 25,971
			INDUSTRY 2599—FURNITURE AND FIXTURES, NEC	
	Materials, parts, containers and supplies, total.....		xxx	45,802
242113	Hardwood and softwood lumber, rough and dressed and hardwood dimension.....	1,000 bd. ft....	(NA)	3,045
242117				
242131				
242213				
243211	Hardwood and softwood plywood, and hardwood veneer.....		xxx	2,658
243213				
243215				
243217				
331212	Mill shapes and forms (except castings):			
331219	Carbon steel (including wrought iron):			
	Sheet and strip.....	Short tons....	35,262	5,562
331225	All other carbon steel mill shapes and forms.....	do.....	16,183	3,055
331231	Alloy steel mill shapes and forms, including stainless.....		(NA)	1,570
335257	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	974	802
335259				
282315	Unsupported plastic film and sheets (exclude packaging material).....	1,000 sq. yds...	54,809	643
970099	All other materials, components, parts, containers and supplies consumed.....		xxx	17,603
973000	Materials, components, parts, containers and supplies consumed, nsk.....		xxx	<sup>3</sup> 10,864

NA Not available. <sup>r</sup>Revised.<sup>1</sup>Includes hardwood rough lumber only.<sup>2</sup>The cost of this material is included with "All other materials, components, parts, containers and supplies consumed (material code 970099).<sup>3</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms".<sup>4</sup>1954 data are not available.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2521	WOOD OFFICE FURNITURE (entire industry).....	150	5,821	23,516	4,957	10,007	17,627	38,427	29,550	68,392	840
	Establishments with:										
	90% or more specialization.....	115	4,257	17,567	3,612	7,275	13,258	28,819	21,796	50,768	523
	75-89% specialization.....	6	182	709	150	314	503	683	623	1,417	( <sup>1</sup> )
2522	METAL OFFICE FURNITURE (entire industry).....	151	17,469	85,996	13,857	26,911	62,746	173,673	109,699	286,004	5,253
	Establishments with:										
	90% or more specialization.....	120	9,364	46,257	7,707	15,451	34,320	95,119	59,963	156,199	3,015
	75-89% specialization.....	15	5,766	28,946	4,434	7,991	21,594	52,486	36,301	90,055	1,633
25221	Chairs, stools, couches, etc. including upholstered (primary product class of estab.).....	30	2,276	9,795	1,817	3,595	7,360	19,551	15,344	40,834	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	19	846	3,874	714	1,418	3,096	8,104	6,852	14,920	( <sup>1</sup> )
	75-89% specialization.....	4	492	2,281	343	652	1,359	3,754	3,141	6,830	( <sup>1</sup> )
25222	Desks (primary product class of estab.).....	18	6,474	34,638	5,111	9,765	24,470	65,069	44,923	111,103	2,012
	Establishments with:										
	75-89% specialization.....	4	710	4,881	629	1,278	3,173	9,669	5,771	15,338	( <sup>1</sup> )
25223	Cabinets and cases (primary product class of estab.).....	57	7,300	34,886	5,827	11,435	26,500	74,019	39,729	115,070	2,249
	Establishments with:										
	90% or more specialization....	29	600	3,017	508	965	2,442	7,151	3,953	11,173	512
	75-89% specialization.....	6	1,013	3,988	786	1,600	2,982	12,142	6,482	19,302	( <sup>1</sup> )
25224	Other metal office furniture including tables, stands, etc. (primary product class of estab.)..	20	780	3,952	557	1,107	2,207	7,106	4,886	12,191	( <sup>1</sup> )
	Establishments with:										
	90% or more specialization....	14	265	1,155	217	431	897	1,985	2,029	4,067	( <sup>1</sup> )
2531	PUBLIC BUILDING FURNITURE (entire industry).....	390	15,952	69,342	12,620	25,759	48,401	112,881	97,962	208,406	4,941
	Establishments with:										
	90% or more specialization.....	291	10,313	44,872	8,330	16,895	31,555	73,418	64,379	135,639	4,223
	75-89% specialization.....	32	1,930	9,263	1,434	2,928	5,934	15,696	13,741	29,379	( <sup>1</sup> )
25311	School furniture, except stone and concrete (primary product class of estab.).....	103	7,151	32,410	5,728	11,710	22,405	55,224	51,331	104,694	1,789
	Establishments with:										
	90% or more specialization....	58	1,835	7,185	1,579	3,322	5,625	11,804	13,551	24,575	510
	75-89% specialization.....	14	1,421	6,541	1,065	2,182	3,678	10,252	9,782	19,229	588
25312	Public building and related furniture, except school furniture (primary product class of estab.)..	103	7,234	31,056	5,595	11,564	21,347	48,078	37,785	85,250	2,334
	Establishments with:										
	90% or more specialization....	71	3,086	12,920	2,549	5,228	9,613	19,462	16,123	35,208	1,800
	75-89% specialization.....	11	978	5,232	710	1,576	3,099	7,363	6,237	13,750	( <sup>1</sup> )
254-	PARTITIONS AND FIXTURES (entire industry).....	1,848	37,747	186,636	29,134	57,331	130,117	301,250	240,106	538,872	13,644
	Establishments with:										
	90% or more specialization.....	1,503	25,680	128,854	19,746	39,410	89,975	212,144	163,515	372,246	9,799
	75-89% specialization.....	134	4,570	21,910	3,514	6,708	14,732	36,858	28,275	64,707	1,564
2591	VENETIAN BLINDS AND SHADES (entire industry).....	850	11,203	43,634	8,199	15,352	28,387	83,442	103,180	187,024	3,306
	Establishments with:										
	90% or more specialization.....	745	7,447	29,591	5,618	10,464	18,845	57,190	70,591	128,189	2,621
	75-89% specialization.....	17	2,106	7,296	1,427	2,592	5,688	14,530	13,503	28,068	( <sup>1</sup> )
25911	Window shades and accessories (primary product class of estab.)..	288	4,727	21,142	3,501	6,562	12,844	40,628	50,946	92,131	1,899
	Establishments with:										
	90% or more specialization....	242	3,589	16,124	2,713	4,992	10,100	31,630	33,117	64,884	1,596
	75-89% specialization.....	12	411	1,572	348	670	1,220	3,833	6,274	10,509	( <sup>1</sup> )
2599	FURNITURE AND FIXTURES, NEC (entire industry).....	259	7,990	37,450	6,483	12,697	27,692	60,189	50,575	110,360	2,691
	Establishments with:										
	90% or more specialization.....	185	2,910	12,421	2,467	4,820	9,899	20,933	21,945	42,527	478
	75-89% specialization.....	17	557	2,233	462	913	1,722	3,538	2,899	6,441	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.



## Major Group 26.—Paper and Allied Products

This major group includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into paper or board; and the manufacture of paper and paperboard into converted products such as coated paper, paper bags, paperboard boxes, and envelopes. Certain types of converted paper products are classified in other major groups, such as abrasive paper in Industry 3291, Abrasive Products, carbon paper in Industry 3955, Carbon Paper and Inked Ribbons, and photosensitized and blueprint paper in Industry 3861, Photographic Equipment and Supplies.

While there is some overlap in the shipments of products primary to each of the industries in this group, the specialization for this group of industries collectively is very high. In 1958, shipments by mills in this group of industries consisted of 99 percent pulp, paper and board, and only 1 percent of other products (chiefly converted paper and board products and basic chemicals produced as a byproduct of the pulp operations). These establishments also accounted for approximately 100 percent of the pulp, paper, and board produced in all manufacturing industries.

Although some duplication occurs where the wood pulp

and other products produced by mills classified in Industry 2611 are shipped to paper and board mills for incorporation into the products of establishments classified in Industry 2621 and 2631, this situation does not exist for paper, board and converted products.

There is a high degree of integration between Industry 2631, Paperboard Mills, and the various container converting industries, except Industries 2652 and 2655, which rely principally on market purchases of paperboard. In Industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

The extent of integration between primary mills and converting plants is less marked in the manufacture of other converted paper and paperboard products. Like the manufacturers of paperboard containers and boxes, these converting industries display relatively high specialization and coverage ratios. However, with the exception of Industry 2643, Bags, Except Textile Bags, they are composed largely of "independent" or nonintegrated plants, i.e., plants not associated or affiliated with a primary paper or board mill.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.-GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expend- itures, new <sup>3</sup>
	Total	With 20 or more employees	Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	578,134	2,945,416	448,529	934,371	2,038,997	5,707,474	618,498
Administrative and auxiliary establishments <sup>3</sup>	(NA)	(NA)	22,736	165,531	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	5,271	3,224	555,398	2,779,885	448,529	934,371	2,038,997	5,707,474	618,498
Operating manufacturing establishments (based on old SIC).....	5,338	3,269	556,476	2,783,552	449,844	936,855	2,043,155	5,708,531	618,795
Operating manufacturing establishments:									
1957 <sup>4</sup> .....	(NA)	(NA)	563,374	2,721,225	458,078	956,219	2,010,215	5,724,186	766,601
1956 <sup>4</sup> .....	(NA)	(NA)	562,494	2,616,161	460,999	982,137	1,951,781	5,609,500	750,109
1955 <sup>4</sup> .....	(NA)	(NA)	546,293	2,419,390	451,391	967,947	1,818,195	5,140,679	555,870
1954: <sup>5</sup>									
All manufacturing establishments, total.....	5,004	3,177	540,419	2,286,041	435,727	919,940	1,656,720	4,630,153	532,723
Administrative and auxiliary establishments <sup>3</sup>	xxx	xxx	12,709	81,371	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	5,004	3,177	527,710	2,204,670	435,727	919,940	1,656,720	4,630,153	532,723
Operating manufacturing establishments:									
1953 <sup>4</sup> .....	(NA)	(NA)	533,312	2,180,228	441,608	949,567	1,646,492	4,463,237	397,208
1952 <sup>4</sup> .....	4,334	(NA)	482,399	1,877,489	402,071	867,956	1,425,369	3,882,962	370,648
1951 <sup>4</sup> .....	4,406	(NA)	494,558	1,822,636	415,112	898,365	1,388,593	4,179,917	388,645
1950 <sup>4</sup> .....	4,456	(NA)	477,752	1,607,277	400,820	873,860	1,239,768	3,437,715	299,083
1949 <sup>4</sup> .....	(NA)	(NA)	447,230	1,419,675	377,070	801,198	1,083,398	2,777,231	315,285
1947.....	4,100	(NA)	454,075	1,294,535	391,715	857,344	1,018,339	2,913,197	406,779
1939 <sup>6</sup> .....	3,328	(NA)	(NA)	(NA)	270,239	(NA)	315,193	888,350	(NA)
1937.....	3,084	(NA)	(NA)	(NA)	266,944	(NA)	310,137	862,866	(NA)
1935.....	2,945	(NA)	266,857	313,309	235,665	(NA)	235,725	635,840	(NA)
1933.....	2,697	(NA)	220,619	219,038	196,380	(NA)	172,842	518,096	(NA)
1931 <sup>7</sup> .....	2,917	(NA)	(NA)	(NA)	197,088	(NA)	216,821	606,357	(NA)
1929.....	2,973	(NA)	258,306	372,638	228,919	(NA)	281,461	782,043	(NA)
1927.....	2,851	(NA)	245,666	343,706	218,296	(NA)	264,153	685,496	(NA)
1925.....	2,614	(NA)	241,858	327,081	216,146	(NA)	256,367	612,207	(NA)
1923.....	2,582	(NA)	240,598	317,384	213,978	(NA)	243,920	564,313	(NA)
1921.....	2,511	(NA)	202,354	255,750	180,604	(NA)	197,926	392,012	(NA)
1919.....	2,558	(NA)	227,099	268,369	202,888	(NA)	208,174	516,568	(NA)
1914.....	2,344	(NA)	181,519	114,343	164,152	(NA)	87,385	201,181	(NA)
1909.....	2,316	(NA)	155,133	85,353	142,477	(NA)	66,572	167,697	(NA)
1904.....	2,031	(NA)	128,615	62,415	119,854	(NA)	50,863	122,021	(NA)
1899.....	1,895	(NA)	99,784	43,713	93,512	(NA)	35,393	89,706	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1954 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.<sup>2</sup>Value of products shipped (including resales of finished products produced by other manufacturing establishments) less cost of materials, supplies, fuel, electric energy and contract work plus the net change in finished products and work-in-process inventories between the beginning and end of the year.<sup>3</sup>Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these establishments are not available for the years 1955-1957, or prior to 1949.<sup>4</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.<sup>5</sup>The figures for 1939-1954 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufacture of printed paper patterns and laminated, enameled, hard pressed, and insulating wall boards of vegetable fiber. Value added by manufacture for 1939, excluding data for these establishments, was \$869.9 million. The comparability of the 1947-1954 figures with those for earlier years is further affected by the inclusion of data for establishments primarily engaged in manufacture of tags, which were formerly classified in the printing and publishing group.<sup>6</sup>The figures for 1937-1958 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufacture of fiber products, fiber conduits, and molded pulp products. Value added by manufacture for 1937, excluding data for these establishments, was \$852.7 million.<sup>7</sup>The figures for 1931-1958 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufacture of papeteries. Value added by manufacture for 1931, excluding data for these establishments, was \$599.6 million.



Table 2—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
26	PAPER AND ALLIED PRODUCTS: TOTAL . . . . .	5 271	3 224	555 348	2 779 885	448 529	934 371	2 038 997	5 707 474	618 488	527 710	4 580 944
	NEW ENGLAND . . . . .	634	407	71 212	352 864	57 083	120 517	250 015	640 092	68 348	70 377	518 429
	MAINE . . . . .	44	33	17 019	98 305	14 356	31 341	70 419	179 121	22 226	17 398	150 690
	NEW HAMPSHIRE . . . . .	46	35	6 213	29 038	5 058	10 592	22 392	58 465	3 321	6 254	45 133
	VERMONT . . . . .	22	17	2 364	10 358	1 974	4 126	7 876	25 116	892	2 031	15 051
	MASSACHUSETTS . . . . .	375	237	35 524	165 836	27 799	58 043	114 127	294 334	17 080	34 321	237 037
	RHODE ISLAND . . . . .	40	25	1 841	6 955	1 403	2 837	4 723	11 935	750	1 785	9 403
	CONNECTICUT . . . . .	107	60	8 251	42 372	6 493	13 578	30 478	71 121	24 079	8 586	61 112
	MIDDLE ATLANTIC . . . . .	1 812	982	132 168	642 345	105 653	217 610	458 244	1 219 883	94 590	128 136	986 317
	NEW YORK . . . . .	1 060	508	65 723	313 119	53 645	109 351	225 844	568 364	33 487	64 671	476 173
	NEW JERSEY . . . . .	344	211	28 350	144 350	21 409	44 928	98 232	273 935	17 317	25 419	206 225
	PENNSYLVANIA . . . . .	408	263	38 111	184 876	30 599	63 331	134 168	377 584	43 786	38 045	303 918
	EAST NORTH CENTRAL . . . . .	1 225	797	141 881	732 871	113 325	239 718	536 745	1 392 348	134 274	138 108	1 146 876
	OHIO . . . . .	297	205	35 821	188 234	28 418	60 066	135 681	343 331	26 260	35 572	297 067
	INDIANA . . . . .	105	82	11 073	51 124	8 757	17 521	36 402	99 408	9 517	9 483	67 408
	ILLINOIS . . . . .	441	248	31 922	159 324	24 828	51 436	108 957	286 977	23 443	30 760	229 403
	MICHIGAN . . . . .	194	123	26 786	143 773	21 588	46 368	109 951	259 934	47 090	29 168	236 147
	WISCONSIN . . . . .	188	139	36 279	190 416	29 734	64 327	145 754	402 698	27 964	33 124	316 849
	WEST NORTH CENTRAL . . . . .	280	183	28 601	136 418	22 568	47 706	97 273	308 390	25 798	28 366	285 342
	MINNESOTA . . . . .	76	49	11 541	58 952	9 361	20 145	43 944	148 118	18 492	12 928	173 960
	IOWA . . . . .	35	27	2 417	11 752	1 760	3 725	7 875	27 016	1 349	2 128	20 140
	MISSOURI . . . . .	131	86	11 785	52 224	9 202	18 882	35 620	108 121	4 109	10 996	71 245
	NORTH DAKOTA . . . . .	2	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	SOUTH DAKOTA . . . . .	2	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	NEBRASKA . . . . .	13	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	KANSAS . . . . .	21	14	2 064	10 056	1 611	3 557	7 332	17 735	1 521	1 860	16 605
	SOUTH ATLANTIC . . . . .	416	302	70 594	341 636	57 900	120 036	255 899	794 713	134 992	63 025	637 445
	DELAWARE . . . . .	9	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	832	8 241
	MARYLAND . . . . .	63	47	8 938	44 125	7 370	15 935	32 111	74 850	15 493	7 642	53 569
	DISTRICT OF COLUMBIA . . . . .	7	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	VIRGINIA . . . . .	56	48	10 993	53 823	9 013	19 148	39 337	131 028	32 222	10 897	102 124
	WEST VIRGINIA . . . . .	20	16	1 410	5 038	1 233	2 422	4 000	9 877	516	(*)	(*)
	NORTH CAROLINA . . . . .	70	54	10 867	52 171	8 824	18 328	38 769	102 679	23 613	9 731	91 441
	SOUTH CAROLINA . . . . .	26	18	7 081	35 121	5 784	11 512	25 915	83 444	17 548	6 213	68 672
	GEORGIA . . . . .	79	59	16 768	80 510	13 686	28 264	59 870	228 389	14 362	13 803	155 088
	FLORIDA . . . . .	86	50	13 212	64 230	10 861	22 250	50 504	151 538	30 217	11 622	139 238
	EAST SOUTH CENTRAL . . . . .	139	103	29 000	142 344	24 405	50 774	111 048	319 006	50 244	25 821	234 465
	KENTUCKY . . . . .	30	20	2 016	7 442	1 722	3 370	5 485	13 794	3 634	1 134	7 143
	TENNESSEE . . . . .	62	47	9 072	43 706	7 337	15 503	32 110	110 354	17 621	7 925	64 516
	ALABAMA . . . . .	31	22	9 823	51 528	8 283	17 276	40 815	112 347	14 652	8 668	77 069
	MISSISSIPPI . . . . .	16	14	8 089	39 668	7 063	14 625	32 638	82 511	14 337	8 094	85 735
	WEST SOUTH CENTRAL . . . . .	198	133	32 374	166 414	26 748	55 634	127 479	373 985	53 440	29 752	286 198
	ARKANSAS . . . . .	23	20	5 190	26 973	4 562	9 373	22 059	65 565	9 575	3 965	48 705
	LOUISIANA . . . . .	43	38	16 871	85 212	14 414	29 711	68 816	185 595	12 396	17 099	163 187
	OKLAHOMA . . . . .	14	5	625	3 282	471	1 007	2 166	9 144	374	561	6 080
	TEXAS . . . . .	118	70	9 688	50 947	7 301	15 543	34 438	113 681	31 095	8 126	68 224
	MOUNTAIN . . . . .	54	24	2 193	13 028	1 842	4 051	10 402	40 645	4 269	1 548	17 565
	MONTANA . . . . .	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	IDAHO . . . . .	6	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	WYOMING . . . . .	1	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	COLORADO . . . . .	25	14	843	4 235	669	1 400	2 745	9 017	1 002	701	6 292
	ARIZONA . . . . .	11	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	UTAH . . . . .	6	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	NEVADA . . . . .	2	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	PACIFIC . . . . .	512	292	47 253	251 339	38 903	78 085	191 375	618 795	52 399	42 573	468 304
	WASHINGTON . . . . .	66	55	15 767	84 402	13 516	25 998	66 212	251 780	14 539	15 839	221 281
	OREGON . . . . .	55	36	7 017	38 385	5 914	11 789	30 340	103 555	11 342	6 030	64 321
	CALIFORNIA . . . . .	391	201	24 469	128 552	19 473	40 298	94 823	263 460	26 518	20 703	182 701
261	PULP MILLS: TOTAL <sup>1</sup> . . . . .	59	48	14 171	74 797	11 450	22 648	56 491	196 026	42 991	(*)	(*)
262	PAPER MILLS: EXCEPT BUILDING: TOTAL <sup>1</sup> . . . . .	354	318	131 334	740 988	109 266	238 433	570 040	1 541 818	256 479	(*)	(*)
263	PAPERBOARD MILLS: TOTAL <sup>1</sup> . . . . .	252	250	57 086	321 765	47 533	102 760	252 164	840 057	102 100	(*)	(*)

See footnotes at end of table.

Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
264	PAPER AND PAPERBOARD PRODUCTS, TOTAL	2 245	1 072	150 972	704 602	119 208	238 733	484 300	1 412 894	75 930	(*)	(*)
	NEW ENGLAND . . . . .	250	128	19 313	86 450	14 557	29 289	57 380	166 983	12 558	(*)	(*)
	MAINE . . . . .	8	6	1 434	6 479	1 155	2 382	5 011	13 770	817	(*)	(*)
	NEW HAMPSHIRE . . . . .	13	8	1 960	9 661	1 555	3 189	6 911	18 400	696	(*)	(*)
	MASSACHUSETTS . . . . .	172	89	12 723	56 467	9 331	18 585	35 427	107 877	5 553	(*)	(*)
	MIDDLE ATLANTIC . . . . .	831	332	40 850	193 755	31 932	61 976	126 044	413 909	16 698	(*)	(*)
	NEW YORK . . . . .	557	208	24 059	111 405	19 403	37 436	74 292	219 441	8 722	(*)	(*)
	NEW JERSEY . . . . .	130	56	7 715	40 312	5 115	10 576	22 788	80 293	3 396	(*)	(*)
	PENNSYLVANIA . . . . .	144	68	9 076	42 038	7 414	13 964	28 964	114 175	4 580	(*)	(*)
	EAST NORTH CENTRAL . . . . .	521	279	43 653	213 368	34 197	70 710	149 037	406 577	21 791	(*)	(*)
	OHIO . . . . .	120	66	10 435	51 253	7 862	15 883	33 732	91 159	6 221	(*)	(*)
	INDIANA . . . . .	45	31	3 647	15 574	2 947	5 967	11 737	30 841	1 938	(*)	(*)
	ILLINOIS . . . . .	200	99	11 555	56 949	8 952	18 529	37 358	101 019	5 739	(*)	(*)
	MICHIGAN . . . . .	75	32	7 922	39 697	6 154	12 964	28 991	73 179	3 759	(*)	(*)
	WISCONSIN . . . . .	81	51	10 994	49 895	8 282	17 367	37 239	110 379	4 134	(*)	(*)
	WEST NORTH CENTRAL . . . . .	121	68	9 356	41 318	7 019	14 322	26 413	101 009	3 491	(*)	(*)
	MINNESOTA . . . . .	38	19	2 417	10 081	1 861	3 608	6 581	45 335	944	(*)	(*)
	MISSOURI . . . . .	62	39	5 693	25 475	4 316	8 883	16 171	44 413	2 157	(*)	(*)
	SOUTH ATLANTIC . . . . .	143	79	12 557	52 766	10 520	20 807	39 333	89 918	4 443	(*)	(*)
	MARYLAND . . . . .	17	11	702	2 965	591	1 212	1 948	6 404	247	(*)	(*)
	VIRGINIA . . . . .	19	16	2 210	8 977	1 857	3 778	6 658	14 919	(D)	(*)	(*)
	WEST VIRGINIA . . . . .	6	4	574	1 700	516	899	1 428	3 497	115	(*)	(*)
	NORTH CAROLINA . . . . .	17	8	458	1 630	386	818	1 183	3 823	275	(*)	(*)
	GEORGIA . . . . .	32	20	4 447	19 118	3 730	7 315	13 855	33 772	762	(*)	(*)
	FLORIDA . . . . .	37	11	2 824	11 983	2 387	4 605	9 525	15 549	1 416	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	45	26	6 335	26 698	5 481	11 262	21 164	58 036	1 807	(*)	(*)
	KENTUCKY . . . . .	13	5	946	3 051	858	1 763	2 543	5 727	237	(*)	(*)
	TENNESSEE . . . . .	19	11	2 455	10 571	2 090	4 269	8 145	27 651	1 003	(*)	(*)
	ALABAMA . . . . .	10	8	2 688	12 207	2 320	4 734	9 783	23 127	539	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	82	50	6 575	29 164	5 352	10 688	21 110	56 836	7 304	(*)	(*)
	LOUISIANA . . . . .	16	14	2 654	11 701	2 372	4 769	9 805	25 176	3 069	(*)	(*)
	TEXAS . . . . .	52	30	2 748	12 739	1 933	4 020	7 087	24 578	2 193	(*)	(*)
	WEST . . . . .	252	110	12 333	61 083	10 150	19 679	43 819	119 626	7 838	(*)	(*)
	WASHINGTON . . . . .	16	12	2 646	12 195	2 579	4 352	9 603	23 687	1 674	(*)	(*)
	CALIFORNIA . . . . .	194	83	8 157	41 086	6 386	12 886	28 873	82 026	4 989	(*)	(*)
265	PAPERBOARD CONTAINERS & BOXES, TOTAL	2 180	1 439	181 127	835 016	143 533	294 460	592 863	1 501 629	117 821	(*)	(*)
	NEW ENGLAND . . . . .	244	151	16 901	72 215	13 462	27 277	50 571	127 866	6 858	(*)	(*)
	MAINE . . . . .	12	3	342	1 203	279	559	846	2 236	80	(*)	(*)
	MASSACHUSETTS . . . . .	144	95	10 437	43 837	8 401	17 071	30 902	79 134	4 183	(*)	(*)
	RHODE ISLAND . . . . .	26	18	1 303	4 276	981	1 880	2 801	7 140	627	(*)	(*)
	CONNECTICUT . . . . .	52	30	4 319	20 801	3 421	6 970	14 606	32 809	1 812	(*)	(*)
	MIDDLE ATLANTIC . . . . .	759	473	55 320	251 531	43 866	89 665	177 659	426 510	25 224	(*)	(*)
	NEW YORK . . . . .	391	219	25 910	118 875	20 941	42 580	85 161	198 532	8 761	(*)	(*)
	NEW JERSEY . . . . .	158	108	13 544	63 916	10 556	21 509	44 518	105 631	8 220	(*)	(*)
	PENNSYLVANIA . . . . .	210	146	15 866	68 740	12 369	25 576	47 980	122 347	8 243	(*)	(*)
	EAST NORTH CENTRAL . . . . .	492	341	49 961	244 225	38 990	79 766	171 577	420 521	39 975	(*)	(*)
	OHIO . . . . .	118	90	12 904	61 920	10 103	20 449	43 553	106 677	6 241	(*)	(*)
	INDIANA . . . . .	44	38	5 401	25 608	4 146	8 064	17 170	44 940	4 299	(*)	(*)
	ILLINOIS . . . . .	199	124	16 478	80 915	12 762	26 301	55 408	140 178	11 589	(*)	(*)
	MICHIGAN . . . . .	75	50	8 911	44 394	7 014	14 436	32 552	72 703	14 629	(*)	(*)
	WISCONSIN . . . . .	56	39	6 267	31 388	4 965	10 516	22 894	56 023	3 217	(*)	(*)
	WEST NORTH CENTRAL . . . . .	129	93	11 362	52 637	9 039	18 870	37 756	116 207	5 417	(*)	(*)
	MINNESOTA . . . . .	27	19	2 209	11 091	1 782	3 692	7 970	22 409	1 318	(*)	(*)
	IOWA . . . . .	20	17	1 235	5 979	934	1 942	3 976	15 241	767	(*)	(*)
	MISSOURI . . . . .	58	42	5 801	25 419	4 660	9 555	18 500	60 687	1 744	(*)	(*)
	KANSAS . . . . .	13	10	1 674	8 297	1 303	2 899	5 943	14 163	1 379	(*)	(*)
	SOUTH ATLANTIC . . . . .	200	154	20 849	88 043	16 838	35 116	63 059	162 970	13 630	(*)	(*)
	MARYLAND . . . . .	40	30	5 477	25 210	4 468	9 663	18 161	43 204	2 786	(*)	(*)
	VIRGINIA . . . . .	22	17	1 829	7 304	1 535	3 349	5 524	14 287	1 205	(*)	(*)
	WEST VIRGINIA . . . . .	10	8	625	2 318	541	1 072	1 783	4 626	92	(*)	(*)
	NORTH CAROLINA . . . . .	41	36	2 988	10 570	2 413	4 774	7 382	21 025	838	(*)	(*)
	SOUTH CAROLINA . . . . .	13	9	2 702	11 961	2 166	4 317	8 520	21 595	(D)	(*)	(*)
	GEORGIA . . . . .	32	26	4 344	18 854	3 372	7 443	13 259	37 878	1 914	(*)	(*)
	FLORIDA . . . . .	36	26	2 469	10 234	1 972	3 840	7 064	17 638	1 339	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	65	49	4 378	16 171	3 603	7 125	11 635	29 335	5 617	(*)	(*)
	KENTUCKY . . . . .	17	15	1 070	4 391	864	1 607	2 942	8 067	3 397	(*)	(*)
	TENNESSEE . . . . .	31	24	2 461	9 098	2 022	4 128	6 707	16 626	1 666	(*)	(*)
	ALABAMA . . . . .	11	4	401	1 037	357	661	838	1 617	122	(*)	(*)
	MISSISSIPPI . . . . .	6	6	446	1 645	360	729	1 148	3 025	432	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	78	52	6 888	30 446	5 387	11 327	21 873	60 060	4 711	(*)	(*)
	ARKANSAS . . . . .	8	8	1 160	4 796	939	2 053	3 642	14 243	671	(*)	(*)
	LOUISIANA . . . . .	16	13	2 601	11 336	2 065	4 264	8 437	16 204	797	(*)	(*)
	OKLAHOMA . . . . .	5	3	421	2 047	306	611	1 206	3 813	115	(*)	(*)
	TEXAS . . . . .	49	28	2 706	12 267	2 077	4 399	8 588	25 800	3 128	(*)	(*)

See footnotes at end of table.



Table 2—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)
265	PAPERBOARD CONTAINERS & BOXES—CON.											
	MOUNTAIN. . . . .	26	15	755	3 471	597	1 289	2 400	7 136	1 906	(*)	(*)
	COLORADO . . . . .	13	10	461	2 109	372	766	1 445	4 278	777	(*)	(*)
	UTAH . . . . .	4	2	136	552	107	212	370	1 285	8	(*)	(*)
	PACIFIC . . . . .	187	111	14 763	76 277	11 751	24 025	56 333	151 024	14 483	(*)	(*)
	WASHINGTON . . . . .	17	13	1 635	7 666	1 308	2 554	5 574	13 468	521	(*)	(*)
	OREGON . . . . .	12	7	849	4 241	703	1 330	3 426	9 785	310	(*)	(*)
	CALIFORNIA . . . . .	158	91	12 279	64 370	9 740	20 141	47 333	127 771	13 652	(*)	(*)
266	BUILDING PAPER AND BOARD MILLS, TOTAL <sup>1</sup>	181	97	20 658	102 717	17 539	37 337	83 139	215 050	23 167	(*)	(*)

Note: Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (\*) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Paper and allied products (SIC 26)	Pulp mills (SIC 261)	Paper mills, except building (SIC 262)	Paperboard mills (SIC 263)	Paper and paper-board products (SIC 264)	Paperboard containers and boxes (SIC 265)	Building paper and board mills (SIC 266)
Number of establishments, total.....	5,271	59	354	252	2,245	2,180	181
With 1-19 employees.....	2,047	11	36	2	1,173	741	184
With 20-99 employees.....	1,822	17	84	92	671	897	61
With 100 employees or more.....	1,402	31	234	158	401	542	36
Proprietors and working partners.....Number..	1,360	9	18	5	719	565	44
All employees:							
Number (average for the year).....	555,398	14,171	131,334	57,086	150,972	181,177	20,658
Payroll.....\$1,000..	2,779,885	74,797	740,988	321,765	704,602	835,016	102,717
Production workers:							
Number (average for the year).....	448,529	11,450	109,266	47,533	119,208	143,533	17,539
March.....	442,241	11,364	109,696	46,899	116,290	140,858	17,134
May.....	440,640	11,394	109,444	46,992	116,087	139,711	17,012
August.....	450,972	11,509	110,359	48,138	118,732	144,403	17,831
November.....	456,540	11,523	109,512	48,098	120,037	149,080	18,290
Man-hours.....1,000..	934,371	22,648	238,433	102,760	238,733	294,460	37,337
January-March.....do...	229,066	5,835	59,987	25,182	58,699	70,624	8,739
April-June.....do...	229,046	5,530	59,083	24,926	58,838	71,706	8,963
July-September.....do...	232,460	5,373	58,921	26,152	58,782	73,482	9,750
October-December.....do...	242,575	5,905	60,394	26,500	61,996	77,914	9,866
Wages.....\$1,000..	2,038,997	56,491	570,040	252,164	484,300	592,863	83,139
Value added by manufacture, adjusted.....do...	5,707,474	196,026	1,541,818	840,057	1,412,894	1,501,629	215,050
Cost of fuels consumed.....do...	263,208	18,199	115,643	87,306	14,383	12,370	15,307
Cost of electricity purchased.....do...	116,262	4,528	50,306	21,942	13,716	14,609	11,161
Manufacturers' inventories:							
Beginning of year, total.....do...	1,441,122	57,493	400,570	121,856	407,644	417,600	35,959
Finished products.....do...	401,617	14,703	76,316	24,583	149,182	127,209	9,624
Work-in-process.....do...	150,603	3,132	30,275	4,736	46,232	63,062	3,166
Materials, supplies, fuel, etc.....do...	888,902	39,658	293,979	92,537	212,230	227,329	23,169
End of year, total.....do...	1,440,728	52,249	398,140	130,022	402,283	417,916	40,118
Finished products.....do...	429,190	14,064	84,383	28,557	156,517	134,029	11,640
Work-in-process.....do...	155,149	2,802	32,952	5,140	44,223	66,499	3,533
Materials, supplies, fuel, etc.....do...	856,389	35,383	280,805	96,325	201,543	217,388	24,945
Expenditures for plant and equipment, total.....do...	638,315	43,183	258,930	104,694	83,226	124,783	23,499
New, total.....do...	618,488	42,991	256,479	102,100	75,940	117,821	23,167
New structures and additions to plant.....do...	137,910	9,075	54,964	16,505	16,310	36,889	4,167
New machinery and equipment.....do...	480,578	33,916	201,515	85,595	59,630	80,932	19,031
Used plant and equipment.....do...	19,817	192	2,451	2,594	7,606	6,940	171

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

<sup>1</sup>It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count and the number of establishments in the smaller size classes, but has no appreciable effect on other statistics for this industry.



# Pulp, Paper, and Board Mills

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2611—Pulp Mills
- 2621—Paper Mills, Except Building Paper Mills
- 2631—Paperboard Mills
- 2661—Building Paper and Building Board Mills

While there is some overlap in the shipments of products primary to each of the industries in this group, the specialization for this group of industries collectively is very high. In 1958, shipments by mills in this group of industries consisted of 99 percent pulp, paper and board, and only 1 percent of other products (chiefly converted paper and board products and basic chemicals produced as a by-product of the pulp operations). These establishments also accounted for approximately 100 percent of the pulp, paper and board produced in all manufacturing industries.

Although some duplication occurs where the wood pulp and other products produced by mills classified in Industry 2611 are shipped to paper and board mills for incorporation into the products of establishments classified in Industries 2621 and 2631, this situation does not exist for paper, board and converted products.

## 2611—Pulp Mills

This industry comprises establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, wastepaper, and straw. Logging camps operated by pulp mills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in Industry 2411; and pulp mills combined with paper mills or paperboard mills, and not separately reported, are classified with the latter in Industries 2621 and 2631, respectively. For a detailed list of products of Industry 2611, refer to table 6A, product codes 2611111 to 2611289.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the previous classification system. In the 1958 Census of Manufactures, pulp mills operated in conjunction with a paper and board mill at the same location were permitted to file a combined report for such integrated operations. However, in 1954 all pulp mill activity was separately reported whether or not such pulp mill operations were conducted at the same physical location as an associated paper or board mill. This change in treatment has the effect of restricting the reporting of a "pulp mill" for classification in Industry 2611 in the 1958 Census to the following situations:

(a) Those pulp mills which are not affiliated with any paper and board mills and ship all their products to the market;

(b) Pulp mills affiliated or associated with a primary paper or board mill but which are separately located from the pulp mill; and

(c) A few pulp mills affiliated or associated with a primary paper or board mill at the same physical location, where separate departmental records of employment, materials, and fuel costs, shipments, etc., are maintained for the pulp mill from those covering the paper or board mill at that location and the company elected to file such a separate report.

The above-described change in the concept for treating Industry 2611 was made effective in 1955, and as a result comparable figures for previous Censuses are not available for this industry. To provide historical comparison, table 1 has been prepared to show the old SIC Group 261, Pulp, Paper, and Board, for 1957 and earlier years.

In addition, tall oil, formerly classified in this industry, is now considered primary to Industry 2861, Gum and Wood Chemicals, and tall oil fatty acids, also formerly classified in this industry, are now considered primary to Industry 2894, Fatty Acids.

Value of shipments and other receipts of the Pulp Mill industry in 1958 totaled \$428 million. This included shipments of wood pulp and other pulp mill products, except tall oil (primary products), valued at \$417 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts (all resales) of \$1 million.

This industry's shipments of wood pulp and other pulp mill products (primary products) in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted almost entirely of paperboard, alkalies and chlorine, and tall oil.

Industry 2611 shipments of wood pulp and other pulp mill products (primary products) in 1958 represented 73 percent (coverage ratio) of these products valued at \$568 million shipped by all industries. Other industries shipping wood pulp (primary products) consisted mainly of Industry 2621, Paper Mills, Except Building, \$124 million; and Industry 2631, Paperboard Mills, \$25 million.

## 2621—Paper Mills, Except Building Paper Mills

This industry comprises establishments primarily engaged in manufacturing paper (except building paper—Industry 2661) from wood pulp and other fibers, and which may also manufacture converted paper products (confined almost exclusively to off-machine paper coating). Pulp mills combined with paper mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock (including interplant transfers) are classified in Group 264 or 265. For a detailed list of products of Industry 2621, refer to table 6A, product codes 2621111 to 2621878.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. Whereas in 1954 and previous censuses paper mills, except building, and paperboard mills were treated as a



single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily producing paper grades, except building paper, now constitute a separate industry, with mills primarily producing paperboard being classified in new SIC Industry 2631. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.

Value of shipments and other receipts of Paper Mills in 1958 totaled \$3,259 million. This included shipments of paper, except building paper (primary products), valued at \$2,907 million, shipments of other products (secondary products) valued at \$339 million, resales of \$10 million, and other miscellaneous receipts of \$3 million.

This industry's shipments of paper, except building paper (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of pulp other than special alpha and dissolving types, \$124 million; container board, \$76 million; special food board, \$67 million; off-paper machine coating and glazing, \$24 million; special paperboard, \$21 million; folding boxboard stock, \$9 million; and tall oil, \$6 million.

Industry 2621 shipments of paper, except building paper (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$3,045 million shipped by all industries. Other industries shipping paper, except building paper (primary products) consisted mainly of Industry 2631, Paperboard Mills, \$115 million; and Industry 2661, Building Paper and Board Mills, \$14 million.

#### 2631—Paperboard Mills

This industry comprises establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products (confined almost exclusively to pasted, lined, laminated or surface-coated paperboard). Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in Group 264 or 265. For a detailed list of products of Industry 2631, refer to table 6A, product codes 2631112 to 2631612.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. Whereas in 1954 and previous censuses paperboard mills and paper mills, except building paper, were treated as a single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily producing paperboard now constitute a separate industry, with mills primarily producing paper, except building paper, being classified in new SIC Industry 2621. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.

Value of shipments and other receipts of Paperboard Mills in 1958 totaled \$1,691 million. This included shipments of paperboard (primary products), valued at \$1,517

million, shipments of other products (secondary products) valued at \$167 million, and miscellaneous receipts of \$7 million.

This industry's shipments of paperboard (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of coarse paper, \$72 million; wood pulp other than special alpha and dissolving types, \$25 million; special industrial paper, \$24 million; construction paper, \$8 million; tall oil, \$7 million; and more than \$5 million of pasted, lined, laminated or surface-coated paperboard.

Industry 2631 shipments of paperboard (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$1,698 million shipped by all industries. Other industries shipping paperboard (primary products) consisted mainly of Industry 2621, Paper Mills, \$174 million, and Industry 2611, Pulp Mills, \$6 million.

#### 2661—Building Paper and Building Board Mills

This industry comprises establishments primarily engaged in manufacturing building paper and building board from wood pulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. For a detailed list of products of Industry 2661, refer to table 6 A, product codes 2661112 to 2661321.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. As noted previously in connection with Industry 2611, Pulp Mills, establishments producing pulp at the same physical location as paper or board were not required in the 1958 Census of Manufactures to submit a separate report for the pulp mill operations. This change in the reporting requirements had less effect on the general statistics of mills primarily engaged in producing building paper and board than on those producing paperboard and paper, except building paper.

Value of shipments and other receipts of the Building Paper and Board Mills industry in 1958 totaled \$392 million. This included shipments of building paper and board (primary products), valued at \$358 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts (all resales) of \$17 million.

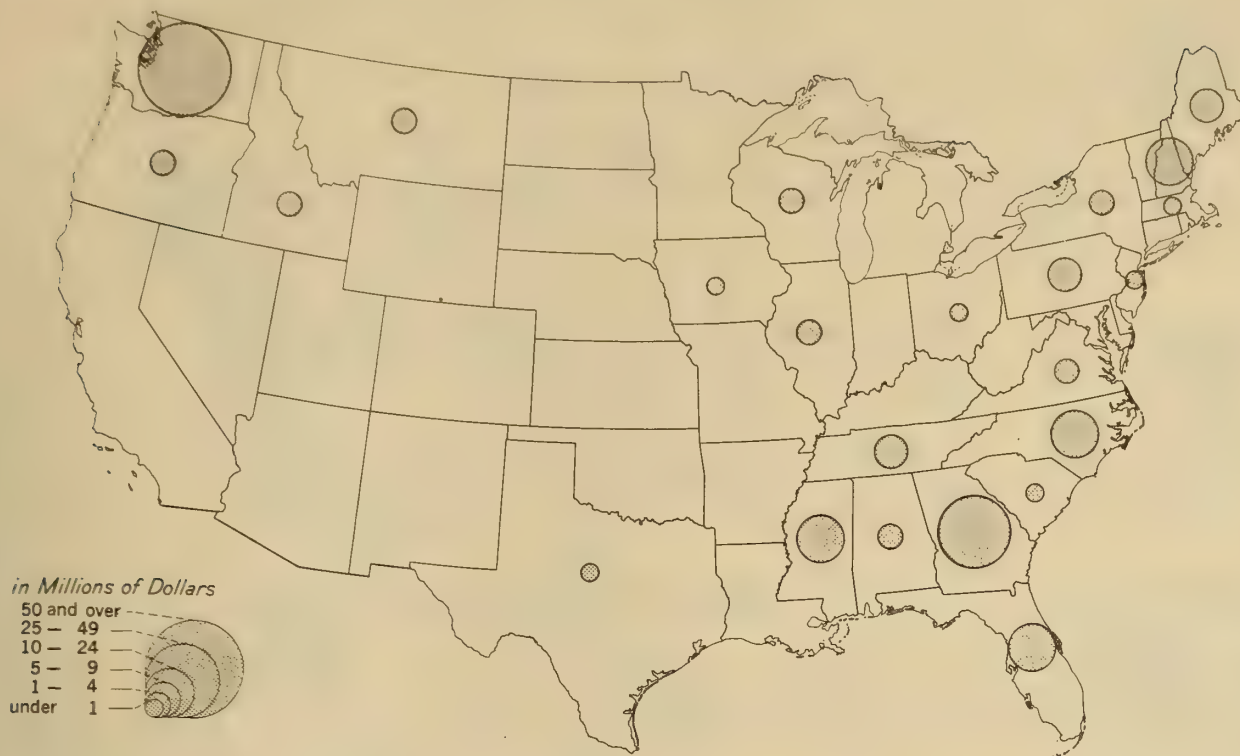
This industry's shipments of building paper and board (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 98 percent. Secondary products shipped by this industry in 1958 consisted mainly of groundwood, coarse, book, and special industrial paper, \$14 million.

Industry 2661 shipments of building paper and board (primary products) in 1958 represented 96 percent (coverage ratio) of these products valued at \$374 million shipped by all industries. In 1954, the coverage ratio was 97 percent. Other industries shipping building paper and board (primary products) consisted mainly of Industry 2631, Paperboard Mills, \$9 million; and Industry 2421, Saw Mills and Planing Mills, \$3 million.



## PULP MILLS: SIC 261

Value Added by Manufacture by State: 1958

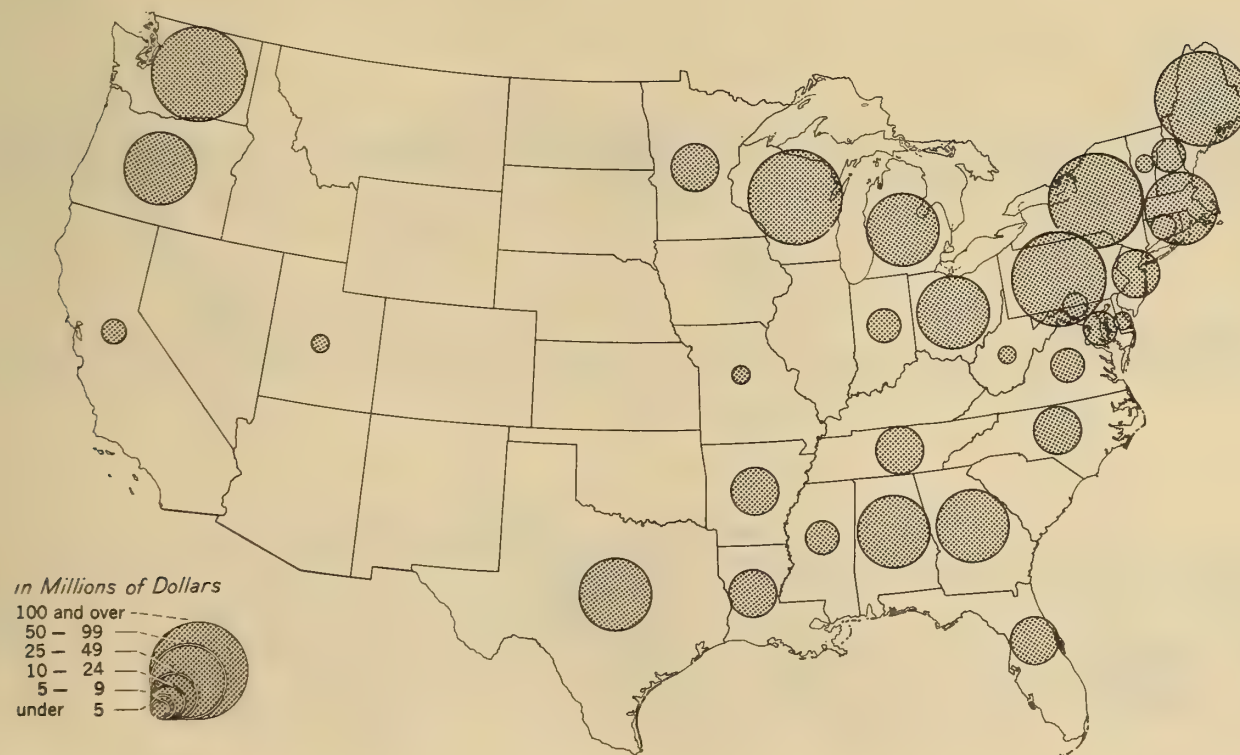


Includes only Industry 2611. See Table 2.

Bureau of the Census M-58-D261

## PAPER MILLS, EXCEPT BUILDING PAPER MILLS: SIC 262

Value Added by Manufacture by State: 1958

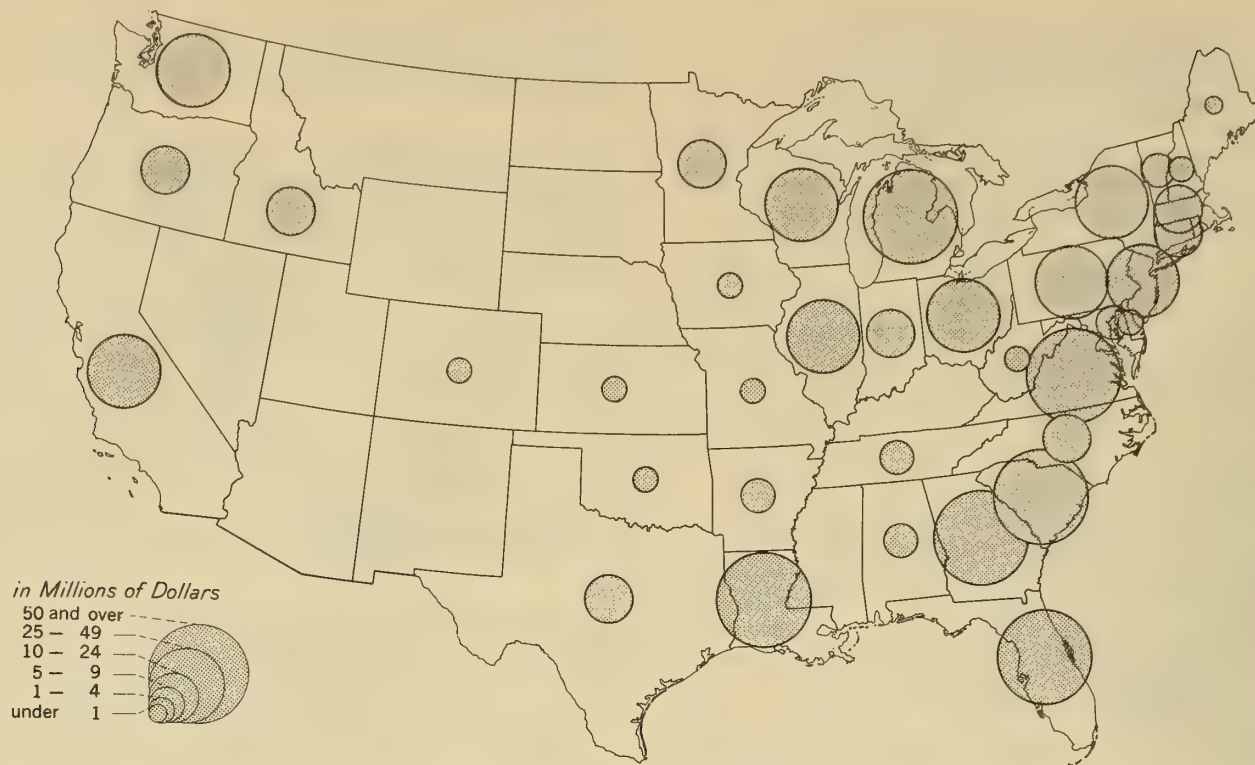


Includes only Industry 2621. See Table 2.

Bureau of the Census M-58-D262

**PAPERBOARD MILLS: SIC 263**

Value Added by Manufacture by State: 1958

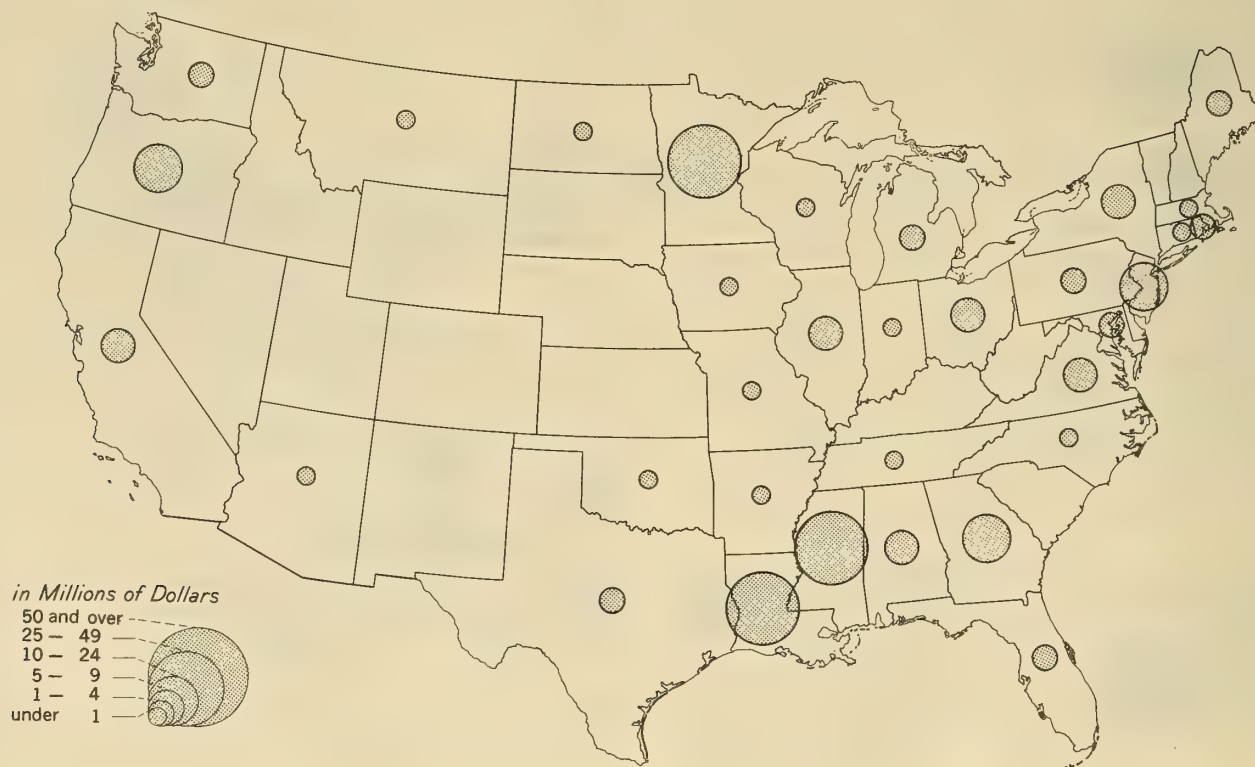


Includes only Industry 2631. See Table 2.

Bureau of the Census M-58-D263

**BUILDING PAPER AND BUILDING BOARD MILLS: SIC 266**

Value Added by Manufacture by State: 1958



Includes only Industry 2661. See Table 2.

Bureau of the Census M-58-D266



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expendi- tures, new	Speci- aliza- tion ratio <sup>6</sup> (per- cent)	Cov- er- age <sup>7</sup> ratio (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2611	Pulp mills.....1958..	40	59	48	14,171	74,797	11,450	22,648	56,491	196,026	231,002	427,997	42,991	98	73
2621	Paper mills.....1958..	242	354	318	131,334	740,988	109,266	238,433	570,040	1,541,818	1,728,641	3,259,415	256,479	90	95
2631	Paperboard mills.....1958..	149	252	250	57,086	321,765	47,533	102,760	252,164	840,057	855,239	1,690,918	102,100	90	90
2661	Building paper and board mills....1958..	8130	8181	97	20,658	102,717	17,539	37,337	83,139	215,050	179,119	391,786	23,167	95	96
	Sum of above indus- tries (formerly SIC Group 261)														
	1958 <sup>9</sup> .....	(NA)	846	713	223,249	1,240,267	101,855	104,011	109,615	2,792,651	(11)	(11)	427,737	xxx	xxx
	1957.....	(NA)	(NA)	(NA)	226,440	1,202,039	188,853	410,620	949,988	2,780,890	(11)	(11)	584,360	...	...
	1956.....	(NA)	(NA)	(NA)	226,834	1,169,660	190,414	425,549	927,123	2,797,208	(11)	(11)	548,476	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	221,961	1,076,514	188,169	422,759	862,978	2,559,070	(11)	(11)	388,885	(NA)	(NA)
	1954.....	(NA)	(NA)	(NA)	216,255	974,866	183,039	401,498	777,832	2,304,785	(11)	(11)	370,539	xxx	xxx
	1953.....	(NA)	(NA)	(NA)	217,061	953,721	184,620	411,059	768,137	2,174,890	(11)	(11)	276,304	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	203,919	850,482	174,063	385,515	687,064	1,995,475	(11)	(11)	274,001	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	206,664	827,326	177,558	400,325	670,229	2,123,531	(11)	(11)	262,806	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	197,208	722,565	170,859	385,845	590,411	1,745,776	(11)	(11)	211,645	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	191,849	(NA)	165,617	360,797	(NA)	1,378,105	(11)	(11)	212,411	(NA)	(NA)
	1947 <sup>12</sup> .....	(NA)	(NA)	(NA)	197,893	609,270	174,096	397,452	509,023	1,462,813	(11)	(11)	290,526	xxx	xxx

NA Not available. <sup>12</sup>Revised.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1958 and 1954 was as follows:

Industry Code	Value Added (\$1,000)	
	1958	1954
2611		
2621		
2631		
2661		
	2,776,080	2,289,349

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	
2611	230,622	
2621	1,725,625	
2631	853,025	
2661	166,335	

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." Value of shipments excluding resales was as follows in 1958:

Industry Code	Value of Shipments (\$1,000)	
	1958	
2611	427,551	
2621	3,255,265	
2631	1,688,467	
2661	375,334	

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count and the number of establishments in the smaller size classes, but has no appreciable effect on other statistics for this industry.

Footnotes continued on next page.

Footnotes for table 1-26A

<sup>9</sup>Because of the changes in content and reporting requirements of the industries making up this group in the 1957 revision of the Standard Industrial Classification Manual (see text), the general statistics for these industries have been combined to provide comparability with the data for 1957 and earlier years. Establishment counts for prior census years are not comparable for the reasons explained in the text for Industry 2611.

<sup>10</sup>In the 1958 Census of Manufactures a special inquiry was included requesting all pulp mills integrated with paper or board mills at the same physical location to report the average number of production workers employed during 1958 in the pulp mill together with the man-hours worked and the wages paid such workers. The results of this inquiry are as follows:

Pulp Mill Production Workers: 1958

Industry	Title	Number	Man-hours	Wages
2621	Paper Mills	21,608	46,512	114,080
2631	Paperboard Mills	11,678	23,776	53,876
2661	Building Paper and Board Mills	3,206	6,693	15,133
		36,492	76,981	183,089
2611	Pulp Mills	11,450	22,648	56,491
	U.S. Total 1958	47,942	99,629	239,580
	Comparable data collected in 1954 are as follows:			
2611	Pulp Mills 1954	48,896	105,252	207,188

<sup>11</sup>The extent of duplication arising from the shipment of market pulp to paper and board mills and from the transfer of pulp by integrated mills to affiliated or associated paper and board mills located elsewhere make invalid a summarization of the cost of materials or value of shipments on a combined basis for the industries making up this group. Value added by manufacture is free of such duplication and hence represents a valid measure for historical comparison for this combined group of industries. (See Introduction, page VII, paragraph 16 for more complete explanation)

<sup>12</sup>Data for earlier years are not shown due to a lack of comparability occasioned by the change in the method of reporting converting operations of paper and board mills which was instituted in the 1945 Standard Industrial Classification Manual and made effective with reporting for the year 1947.

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2611	Pulp mills, total...	59	48	14,171	74,797	11,450	22,648	56,491	196,026	427,997	42,991	(4)	(4)	(4)
	New England.....	7	6	1,957	9,351	1,609	3,314	7,362	19,584	46,942	1,961	(4)	(4)	(4)
	Middle Atlantic...	11	6	1,054	5,033	950	2,092	4,497	8,682	23,793	(3)	(4)	(4)	(4)
	North Central.....	11	9	695	3,248	534	1,045	2,414	6,645	16,042	1,022	(4)	(4)	(4)
	Illinois.....	5	3	141	457	53	86	202	1,772	3,399	(3)	(4)	(4)	(4)
	South.....	15	12	6,505	35,451	5,122	9,997	25,728	94,561	195,484	34,031	(4)	(4)	(4)
	West.....	15	15	3,960	21,714	3,235	6,200	16,490	66,554	145,736	5,683	(4)	(4)	(4)
	Washington.....	11	11	3,348	18,412	2,688	5,130	13,708	60,078	120,688	4,042	(4)	(4)	(4)
2621	Paper mills, except building, total...	354	318	131,334	740,988	109,266	238,433	570,040	<sup>r</sup> 1,541,818	3,259,415	256,479	(4)	(4)	(4)
	New England.....	87	83	28,608	161,047	23,863	52,794	116,736	283,284	622,200	44,453	(4)	(4)	(4)
	Maine.....	16	16	14,187	85,836	11,995	26,430	60,664	154,003	318,404	20,484	(4)	(4)	(4)
	New Hampshire...	16	15	2,401	10,950	2,014	4,391	9,005	20,512	63,106	1,118	(4)	(4)	(4)
	Vermont.....	6	5	583	2,731	539	1,192	2,405	4,352	14,720	(3)	(4)	(4)	(4)
	Massachusetts...	43	42	10,869	57,712	8,833	19,725	41,942	95,145	207,874	(D)	(4)	(4)	(4)
	Connecticut.....	6	5	568	3,818	482	1,056	2,720	9,272	18,096	(D)	(4)	(4)	(4)
	Middle Atlantic...	107	91	24,126	131,673	19,966	43,746	103,458	<sup>r</sup> 251,231	577,851	44,507	(4)	(4)	(4)
	New York.....	60	48	11,718	62,340	9,962	22,052	50,310	116,146	266,994	13,005	(4)	(4)	(4)
	New Jersey.....	18	17	2,974	15,434	2,349	5,031	12,026	<sup>r</sup> 34,718	71,848	2,570	(4)	(4)	(4)
	Pennsylvania....	29	26	9,434	53,899	7,655	16,956	41,122	<sup>r</sup> 100,367	239,008	28,932	(4)	(4)	(4)
	East North Central	88	80	32,661	187,945	27,265	61,133	147,451	<sup>r</sup> 369,169	<sup>r</sup> 833,858	38,119	(4)	(4)	(4)
	Ohio.....	19	17	8,600	53,669	7,183	16,287	41,262	92,478	205,593	10,977	(4)	(4)	(4)
	Michigan.....	22	21	5,404	31,793	4,642	10,638	26,034	57,890	152,382	6,639	(4)	(4)	(4)
	West North Central	6	5	2,990	16,896	2,384	5,286	12,563	31,365	61,329	10,834	(4)	(4)	(4)
	South Atlantic....	20	18	13,640	74,237	11,025	24,114	55,354	172,782	346,225	54,850	(4)	(4)	(4)
	Delaware.....	3	3	187	960	159	341	764	2,948	6,040	(3)	(4)	(4)	(4)
	East South Central	8	8	9,348	54,484	7,889	16,748	43,239	137,630	257,589	24,033	(4)	(4)	(4)
	Alabama.....	4	4	5,170	29,714	4,324	9,053	23,438	71,462	126,166	8,970	(4)	(4)	(4)
	West South Central	11	11	9,975	57,582	8,277	17,172	44,272	134,293	239,922	24,594	(4)	(4)	(4)
	West.....	27	22	9,986	<sup>r</sup> 57,124	8,597	17,440	46,967	162,992	320,442	15,089	(4)	(4)	(4)
	Washington.....	12	12	6,278	35,757	5,396	10,850	29,275	102,313	196,375	6,907	(4)	(4)	(4)
	Oregon.....	5	5	3,094	17,483	2,718	5,422	14,662	52,846	89,517	3,251	(4)	(4)	(4)

See footnotes at end of table.



Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
261	Paperboard mills, total.....	252	250	57,086	321,765	47,533	102,760	252,164	840,057	1,690,918	102,100	(4)	(4)	(4)
	New England.....	36	35	3,949	21,557	3,171	6,919	16,096	36,953	77,937	2,290	(4)	(4)	(4)
	Massachusetts....	10	10	1,447	7,682	1,194	2,597	5,751	11,958	25,112	528	(4)	(4)	(4)
	Connecticut.....	14	14	1,674	9,987	1,284	2,879	7,394	17,232	38,689	(D)	(4)	(4)	(4)
	Middle Atlantic...	61	60	8,512	48,296	7,049	16,280	37,371	101,402	219,203	6,463	(4)	(4)	(4)
	New York.....	24	24	3,019	15,740	2,502	5,604	12,347	26,141	72,991	2,342	(4)	(4)	(4)
	New Jersey.....	21	21	2,899	17,928	2,412	5,728	13,851	41,912	78,739	2,243	(4)	(4)	(4)
	Pennsylvania....	16	15	2,594	14,628	2,135	4,948	11,173	33,349	67,473	1,878	(4)	(4)	(4)
	East North Central	71	71	12,917	73,997	10,728	23,670	58,577	170,273	360,626	31,664	(4)	(4)	(4)
	Illinois.....	11	11	2,447	13,840	1,965	4,164	10,486	29,367	61,873	5,149	(4)	(4)	(4)
	West North Central	8	8	1,354	7,284	1,114	2,491	5,733	22,523	43,789	1,967	(4)	(4)	(4)
	South Atlantic....	34	34	17,606	95,361	14,747	30,560	74,717	280,141	560,497	30,200	(4)	(4)	(4)
	South Carolina..	3	3	3,657	20,221	3,080	6,007	15,452	55,190	110,200	10,541	(4)	(4)	(4)
	East South Central	8	8	1,253	6,843	984	2,189	4,997	15,987	33,419	4,617	(4)	(4)	(4)
	West South Central	9	9	6,150	35,897	5,284	11,197	28,721	86,714	169,160	16,097	(4)	(4)	(4)
	West.....	25	25	5,345	32,530	4,456	9,454	25,952	126,064	226,287	8,802	(4)	(4)	(4)
	Oregon.....	3	3	691	4,514	550	1,164	3,196	17,072	30,038	4,425	(4)	(4)	(4)
	California.....	14	14	2,481	13,996	2,078	4,455	11,278	36,261	76,594	2,696	(4)	(4)	(4)
2661	Building paper and board mills, total <sup>2</sup>	181	97	20,658	102,717	17,539	37,337	83,139	215,050	391,786	23,167	(4)	(4)	(4)
	New England.....	10	4	484	2,244	421	924	1,870	5,422	10,127	(3)	(4)	(4)	(4)
	Middle Atlantic...	44	21	2,428	12,683	1,992	4,091	9,732	21,697	46,753	1,490	(4)	(4)	(4)
	North Central.....	58	26	5,533	28,371	4,623	10,131	22,497	56,449	117,344	5,792	(4)	(4)	(4)
	Ohio.....	14	6	715	3,628	533	1,174	2,567	8,021	18,538	(3)	(4)	(4)	(4)
	South.....	35	28	9,909	47,251	8,544	18,142	39,224	105,438	169,668	12,742	(4)	(4)	(4)
	West.....	34	18	2,304	12,168	1,959	4,049	9,816	26,044	47,894	2,915	(4)	(4)	(4)
	Oregon.....	11	9	1,027	5,346	867	1,797	4,114	12,423	21,733	2,317	(4)	(4)	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>R</sup>Revised.<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2611, Pulp Mills: New England—Maine, 4 (500-999); New Hampshire, 2 (1,000-2,499); Massachusetts, 1 (1-19); Middle Atlantic—New York, 5 (100-249); New Jersey, 3 (20-99); Pennsylvania, 3 (500-999); North Central—Ohio, 1 (20-99); Wisconsin, 4 (250-499); West North Central—Iowa, 1 (20-99); South—Virginia, 2 (500-999); North Carolina, 1 (500-999); South Carolina, 1 (20-99); Georgia, 2 (1,000-2,499); Florida, 2 (1,000-2,499); East South Central—Tennessee, 2 (500-999); Alabama, 1 (100-249); Mississippi, 2 (1,000-2,499); West South Central—Texas, 2 (20-99); West—Montana, 1 (20-99); Idaho, 1 (250-499); Oregon, 2 (100-249).

SIC 2621, Paper Mills, Except Building: East North Central—Indiana, 2 (250-499); Illinois, 7 (250-499); Wisconsin, 38 (17,897); West North Central—Minnesota, 5 (2,500-4,999); Missouri, 1 (1-19); South Atlantic—Maryland, 1 (1,000-2,499); Virginia, 5 (1,858); West Virginia, 2 (20-99); North Carolina, 5 (4,875); Georgia, 2 (1,000-2,499); Florida, 2 (1,000-2,499); East South Central—Tennessee, 3 (2,500-4,999); Mississippi, 1 (1,000-2,499); West South Central—Arkansas, 3 (2,251); Louisiana, 5 (4,638); Texas, 3 (3,086); West—Utah, 1 (1-19); California, 9 (500-999).

SIC 2631, Paperboard Mills: New England—Maine, 3 (100-249); New Hampshire, 8 (250-499); Vermont, 1 (250-499); East North Central—Ohio, 25 (3,113); Indiana, 9 (1,664); Michigan, 19 (4,185); Wisconsin, 7 (1,508); West North Central—Minnesota, 2 (500-999); Iowa, 2 (100-249); Missouri, 2 (100-249); Kansas, 2 (250-499); South Atlantic—Delaware, 1 (20-99); Maryland, 4 (500-999); Virginia, 7 (4,094); West Virginia, 2 (100-249); North Carolina, 4 (1,728); Georgia, 7 (3,242); Florida, 6 (4,102); East South Central—Tennessee, 5 (500-999); Alabama, 3 (500-999); West South Central—Arkansas, 1 (500-999); Louisiana, 3 (2,500-4,999); Oklahoma, 2 (100-249); Texas, 3 (500-999); West—Idaho, 1 (500-999); Colorado, 1 (20-99); Washington, 6 (1,000-2,499);

SIC 2661, Building Paper and Board Mills: New England—Maine, 1 (100-249); Massachusetts, 5 (20-99); Rhode Island, 2 (100-249); Connecticut, 2 (20-99); Middle Atlantic—New York, 23 (500-999); New Jersey, 14 (1,000-2,499); Pennsylvania, 7 (500-999); North Central—Indiana, 5 (20-99); Illinois, 19 (500-999); Michigan, 3 (250-499); Wisconsin, 2 (20-99); Minnesota, 4 (3,235); Iowa, 2 (100-249); Missouri, 8 (100-249); North Dakota, 1 (1-19); South—Maryland, 1 (100-249); Virginia, 1 (250-499); North Carolina, 2 (20-99); Georgia, 4 (500-999); Florida, 3 (250-499); East South Central—Tennessee, 2 (20-99); Alabama, 2 (500-999); Mississippi, 4 (4,328); West South Central—Arkansas, 2 (20-99); Louisiana, 3 (2,415); Oklahoma, 2 (1-19); Texas, 9 (250-499); West—Montana, 1 (1-19); Colorado, 1 (1-19); Arizona, 1 (1-19); Washington, 4 (250-499); California, 16 (500-999).

<sup>2</sup>See footnote 8 to table 1.<sup>3</sup>Less than \$500 thousand.<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1 and text of this report). Table 2A presents comparable data for 1958, 1954 and 1947 for Industries 2611, 2621, 2631, and 2661 combined, i.e. for the industries composing former SIC Group 261.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958								1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)					
2611, 2621, 2631, 2661	Pulp mills, paper mills, paper-board mills, building paper and board mills, total.....	846	713	223,249	1,240,267	185,788	401,178	<sup>r</sup> 961,834	<sup>r</sup> 2,801,879	424,737	216,255	2,289,349	197,893
	New England.....	140	128	34,998	194,199	29,064	63,951	<sup>r</sup> 142,064	345,243	48,932	35,170	289,744	34,584
	Maine.....	24	24	15,243	90,623	12,922	28,400	64,562	163,115	21,329	15,817	138,356	14,387
	Middle Atlantic.....	223	178	36,120	197,685	29,957	66,209	<sup>r</sup> 155,058	<sup>r</sup> 383,012	52,754	36,510	312,807	37,546
	New York.....	112	81	15,754	82,839	13,301	29,335	66,391	150,200	16,004	16,704	134,569	17,860
	New Jersey.....	56	47	7,075	40,122	5,738	12,843	30,926	88,011	5,701	6,695	60,447	6,914
	Pennsylvania.....	55	50	13,291	74,724	10,918	24,324	57,741	<sup>r</sup> 144,610	31,049	13,109	117,790	12,772
	East North Central.....	212	177	48,267	275,278	40,138	89,242	216,131	573,250	72,508	47,383	471,831	48,739
	Ohio.....	59	49	12,482	75,061	<sup>r</sup> 10,453	23,734	58,396	145,495	13,798	11,999	124,973	12,270
	Michigan.....	44	41	9,953	59,682	8,420	18,968	48,408	114,052	28,702	10,675	97,829	11,856
	Wisconsin.....	51	49	19,918	109,133	16,487	36,444	85,621	236,296	20,613	18,801	191,597	17,978
	West North Central.....	30	22	7,883	<sup>r</sup> 42,464	6,510	14,514	33,104	91,174	16,890	7,277	78,863	6,350
	Minnesota.....	11	11	6,915	<sup>r</sup> 57,880	5,718	12,845	29,393	80,374	16,230	6,358	68,492	5,487
	South Atlantic.....	73	69	37,188	200,826	<sup>r</sup> 30,542	<sup>r</sup> 64,113	153,507	541,825	116,919	34,806	449,652	28,464
	Virginia.....	15	15	6,954	37,542	5,621	12,021	27,155	101,822	30,454	7,100	79,483	7,421
	North Carolina.....	12	10	7,421	39,971	<sup>r</sup> 6,025	12,736	30,204	77,831	22,500	6,905	73,616	6,087
	Georgia.....	15	13	7,977	42,538	6,584	13,506	32,756	156,739	11,686	6,597	107,529	2,917
	Florida.....	13	13	7,919	42,013	6,502	13,805	33,915	118,351	27,462	7,399	112,222	4,792
	East South Central.....	29	28	18,287	99,475	15,321	32,387	78,249	<sup>r</sup> 231,635	42,820	16,613	182,228	10,752
	Alabama.....	10	10	6,734	38,794	5,606	11,881	30,194	87,603	13,991	5,421	60,436	3,546
	Mississippi.....	7	6	7,397	37,154	6,490	13,400	30,797	77,955	13,877	7,420	82,689	4,677
	West South Central.....	38	31	18,911	106,804	16,009	33,619	84,496	<sup>r</sup> 254,086	41,425	17,609	204,459	15,252
	Louisiana.....	11	11	11,616	62,175	8,059	20,678	50,574	144,215	8,530	11,970	132,302	11,013
	West.....	101	80	21,595	<sup>r</sup> 123,536	<sup>r</sup> 18,247	37,143	99,225	381,654	32,489	20,885	299,763	16,206
	Washington.....	33	30	11,486	<sup>r</sup> 64,541	9,629	19,092	51,035	214,625	12,392	12,023	189,808	10,170
	Oregon.....	21	19	5,060	28,449	4,343	8,692	22,811	83,863	10,106	4,510	52,863	3,558

<sup>r</sup>Revised.<sup>1</sup>See text and footnote 8 of table 1. Table 2A is based on the definition of this industry group under the 1945 Standard Industrial Classification.



Table 3.—Detailed Statistics for the United States: 1958

Item	Pulp mills (SIC 2611)	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)
Primary product specialization ratio <sup>1</sup> .....	98	90	90	95
Coverage ratio <sup>2</sup> .....	73	95	90	96
Number of establishments, total.....	59	354	252	<sup>3</sup> 181
With 1-19 employees.....	11	36	2	<sup>3</sup> 84
With 20-99 employees.....	17	84	92	61
With 100 employees or more.....	31	234	158	36
Proprietors and working partners.....Number..	9	18	5	44
All employees:				
Number (average for the year).....	14,171	131,334	57,086	20,658
Payroll.....\$1,000..	74,797	740,988	321,765	102,717
Production workers:				
Number (average for the year).....	11,450	109,266	47,533	17,539
March.....	11,364	109,696	46,899	17,134
May.....	11,394	109,444	46,992	17,012
August.....	11,509	110,359	48,138	17,831
November.....	11,523	109,512	48,098	18,290
Man-hours.....1,000..	22,648	238,433	102,760	37,337
January-March.....do....	5,835	59,987	25,182	8,739
April-June.....do....	5,530	59,083	24,926	8,963
July-September.....do....	5,373	58,921	26,152	9,750
October-December.....do....	5,905	60,394	26,500	9,866
Wages.....\$1,000..	56,491	570,040	252,164	83,139
Cost of materials, etc., total.....do....	231,002	1,728,641	855,239	179,119
Materials, parts, containers, and supplies consumed.....do....	207,683	1,558,240	743,101	139,776
Cost of resales.....do....	380	3,016	2,214	12,784
Fuels consumed.....do....	18,199	115,643	87,306	15,307
Electricity purchased.....do....	4,528	50,306	21,942	11,161
Contract work.....do....	212	1,454	886	91
Value of shipments (including resales), total.....do....	427,997	3,259,415	1,690,918	<sup>r</sup> 391,786
Value of resales.....do....	<sup>r</sup> 775	4,150	2,451	16,669
Value added by manufacture, adjusted.....do....	196,026	<sup>r</sup> 1,541,818	840,057	215,050
Manufacturers' inventories:				
Beginning of year, total.....do....	57,493	400,570	121,856	35,959
Finished products.....do....	14,703	76,316	24,583	9,624
Work-in-process.....do....	3,132	30,275	4,736	3,166
Materials, supplies, fuel, etc.....do....	39,658	293,979	92,537	23,169
End of year, total.....do....	52,249	398,140	130,022	40,118
Finished products.....do....	14,064	84,383	28,557	11,640
Work-in-process.....do....	2,802	32,952	5,140	3,533
Materials, supplies, fuel, etc.....do....	34,955	281,869	97,756	24,591
Expenditures for plant and equipment, total.....do....	43,183	258,930	104,694	23,499
New, total.....do....	42,991	256,479	102,100	23,167
New structures and additions to plant.....do....	9,075	54,964	16,505	4,167
New machinery and equipment.....do....	33,916	201,515	85,595	19,031
Used plant and equipment.....do....	192	2,451	2,594	171

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>See footnote 8 to table 1.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2611	Pulp mills:											
	Number of establishments.....	59	3	1	7	11	6	10	11	8	2	...
	All employees:											
	Number.....	14,171	105	(D)	(D)	388	436	1,553	4,100	7,589	(D)	...
	Payroll.....\$1,000...	74,797	422	(D)	(D)	1,559	2,244	8,124	21,934	40,514	(D)	...
	Value added, adjusted..do....	196,026	1,400	(D)	(D)	3,693	3,795	17,857	66,117	103,164	(D)	...
	Value of shipments.....do....	427,997	3,889	(D)	(D)	9,124	9,017	43,896	148,948	213,123	(D)	...
	Capital expend., new...do....	42,991	(1)	...	(D)	2,305	1,381	1,513	4,685	33,048	(D)	...
2621	Paper mills, except building:											
	Number of establishments.....	354	21	7	8	40	44	88	63	52	27	4
	All employees:											
	Number.....	131,334	40	52	134	1,391	3,219	14,408	22,334	36,710	53,046	(D)
	Payroll.....\$1,000...	740,988	241	200	610	7,313	17,040	74,509	128,165	203,252	309,658	(D)
	Value added, adjusted..do....	1,541,518	351	349	1,031	13,978	34,867	147,516	253,038	451,718	638,670	(D)
	Value of shipments.....do....	3,259,415	1,048	785	2,214	38,434	84,332	355,418	598,314	991,952	1,186,918	(D)
	Capital expend., new...do....	256,479	(1)	(1)	(1)	2,203	18,168	15,992	38,794	85,600	95,559	(D)
2631	Paperboard mills:											
	Number of establishments.....	252	...	...	2	38	54	95	36	19	8	...
	All employees:											
	Number.....	57,086	...	...	1,396	(D)	3,915	14,556	11,747	12,342	13,130	...
	Payroll.....\$1,000...	321,765	...	...	7,000	(D)	21,598	80,704	69,147	73,871	69,445	...
	Value added, adjusted..do....	840,057	...	...	13,743	(D)	58,456	199,555	148,518	232,025	187,760	...
	Value of shipments.....do....	1,690,918	...	...	26,808	(D)	114,707	409,560	316,866	465,133	357,844	...
	Capital expend., new...do....	102,100	...	...	1,224	(D)	2,724	28,101	30,676	22,655	16,720	...
2661	Building paper and board mills:											
	Number of establishments.....	2181	(2)	(2)	25	34	27	19	10	3	3	1
	All employees:											
	Number.....	20,658	(2)	(2)	356	1,140	1,910	3,093	3,754	2,047	8,161	(D)
	Payroll.....\$1,000...	102,717	(2)	(2)	1,326	5,178	9,389	16,095	18,609	10,514	40,968	(D)
	Value added, adjusted..do....	215,050	(2)	(2)	2,182	10,925	17,652	32,657	39,404	22,319	88,576	(D)
	Value of shipments.....do....	391,786	(2)	(2)	5,569	21,794	36,189	67,998	69,186	41,041	145,878	(D)
	Capital expend., new...do....	23,167	(1)	(1)	(1)	537	2,107	1,539	4,104	1,047	13,239	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

<sup>2</sup>It has been determined that 44 very small establishments accounting in the aggregate for \$4,295,000 product shipments have been misclassified as to industry and properly should have been assigned to Industry 2643, Bags, except Textile Bags (formerly Industry 2661). This affects the total establishment count, but has no appreciable effect on other statistics for this industry. Because these establishments are primarily in the employment size classes 1-4 and 5-9, the data for those classes have been omitted but are included in the industry totals.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- aneous receipts	Primary product special- ization ratio <sup>1</sup>  Col. B Col. B+C (percent)	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>  Col. G Col. F (percent)
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)		
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
2611	Pulp mills <sup>3</sup> .....1958..	427,997	416,977	10,245	775	98	567,708	416,977	150,731	73
2621	Paper mills, except building <sup>3</sup> ...1958..	3,259,415	2,906,770	339,220	13,425	90	3,044,613	2,906,770	137,843	95
2631	Paperboard mills <sup>3</sup> .....1958..	1,690,918	1,516,706	167,115	7,097	90	1,697,699	1,516,706	180,993	90
2661	Building paper and board mills <sup>3</sup> .1958..	391,786	357,502	17,585	16,699	95	373,597	357,502	16,095	96

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Comparable data for 1954 are not available.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) pulp mill products, paper and board (primary products) (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Pulp mills (SIC 2611)	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)	Other industries	All industries
	Total shipments and receipts of the industry.....	427,997	3,259,415	1,690,918	391,786	xxx	xxx
	Pulp, paper and board.....	424,382	3,205,835	1,666,100	373,001	...	...
26111	Special alpha and dissolving wood pulp.....	134,157	(D)	...	...	( <sup>1</sup> )	134,309
26112	Other pulp (including wood) and pulp mill by products except tall oil.....	282,820	123,887	24,894	710	1,088	433,399
26211	Newsprint.....	...	<sup>2</sup> 214,814	(D)	...	...	214,814
26212	Groundwood paper, uncoated.....	...	<sup>2</sup> 143,796	...	(D)	...	143,796
26213	Paper-machine coated paper.....	...	<sup>2</sup> 362,505	...	...	(D)	362,505
26214	Book paper, uncoated.....	(D)	423,429	(D)	(D)	(D)	426,299
26215	Fine paper, including thin paper.....	...	558,710	5,582	(D)	(D)	568,412
26216	Coarse paper.....	(D)	635,793	72,471	(D)	(D)	712,491
26217	Special industrial paper.....	(D)	148,490	24,175	(D)	1,711	176,222
26218	Sanitary tissue stock and other tissue paper, nec.....	...	<sup>2</sup> 440,074	(D)	...	...	440,074
26311	Container board.....	(D)	75,934	<sup>3</sup> 729,440	(D)	57	805,984
26312	Special food board.....	(D)	66,582	<sup>3</sup> 177,892	...	...	<sup>3</sup> 244,474
26313	Folding box board stock, except special food board.....	(D)	8,929	<sup>3</sup> 345,014	...	...	353,943
26314	Set-up boxboard.....	...	(D)	<sup>2</sup> 65,962	...	...	65,962
26315	Special paperboard, including cardboard, other bending and other nonbending board.....	(D)	21,128	<sup>3</sup> 177,290	...	( <sup>1</sup> )	198,431
26316	Wet machine board.....	...	(D)	<sup>2</sup> 28,905	(D)	...	28,905
26611	Insulating board.....	...	...	1,031	167,904	903	169,838
26612	Construction paper.....	...	589	8,350	110,123	<sup>r</sup> 2,071	121,133
26613	Hard pressed wood fiber board.....	...	...	...	75,496	<sup>r</sup> 42,835	<sup>r</sup> 78,331
26610	Building paper and board, nsk.....	...	...	(D)	3,979	(D)	4,295
	Other products.....	2,840	40,155	17,721	2,086	...	...
2641-	Paper coating and glazing.....	...	24,379	...	...	xxx	xxx
2649-	Converted paper and board products, nec.....	...	1,803	...	...	xxx	xxx
2812-	Alkalies and chlorine.....	(D)	3,229	...	...	xxx	xxx
28612	Other gum and wood chemicals.....	(D)	5,583	7,082	...	xxx	xxx
	Other secondary products.....	(D)	5,161	<sup>5</sup> 10,639	2,086	...	...
	Miscellaneous receipts.....	775	13,425	7,097	16,699	...	...
	Contract and commission work.....	...	3,347	(D)	...	...	...
	Resales.....	<sup>6</sup> 775	10,078	2,451	716,699	...	...

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised.

<sup>1</sup> Less than \$100 thousand.

<sup>2</sup> The total is the same as reported for "All industries" in order to avoid disclosing figures for individual companies in other industries.

<sup>3</sup> Includes a small amount reported by Industry 2611, Pulp Mills, the exact figure withheld to avoid disclosing individual company information.

<sup>4</sup> Contributed mainly by Industry 2421, Sawmills and Planing Mills, general.

<sup>5</sup> Includes more than \$5 million of pasted, lined, laminated, or surface-coated paperboard (product code 26452), and more than \$2 million of industrial inorganic chemicals, nec (product code 28199).

<sup>6</sup> Includes \$329 (000) of "Other miscellaneous receipts."

<sup>7</sup> Includes \$247 (000) of "Other miscellaneous receipts."

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954

		1958						1954					
Product code	Product	Total shipments including interplant transfers <sup>2</sup>						Production for all purposes	Total shipments <sup>3</sup>			Interplant transfers	
		Total shipments <sup>2</sup>			Interplant transfers <sup>2</sup>				Market shipments <sup>3</sup>				
		Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)			Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)
2611---	Products of pulp mills, total.....	xxx	567,708	xxx	xxx	xxx	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611111	Special alpha and dissolving wood pulp (sulfite and sulfate) <sup>5</sup> .....	779,953	134,309	( <sup>6</sup> )	( <sup>6</sup> )	676,739	613,430	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
26112	Other pulp (including wood) and pulp mill byproducts, except tall oil.....	xxx	433,399	xxx	( <sup>6</sup> )	xxx	( <sup>6</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
	Wood pulp (except special alpha and dissolving).	20,932,808	385,610	172,127,491	172,127,491	1,385,136	1,168,516	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611211	Bleached sulfite, paper and board grades:							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611217	Mitscherlich.....	416,378	21,282	120,600	17,080	31,013	4,202	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611217	Other softwood.....	1,315,616	616,478	228,013	24,642	388,465	52,176	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611219	Other hardwood.....	230,720	93,928	64,865	7,363	29,063	3,634	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611221	Unbleached sulfite, Mitscherlich and other....	479,302	116,098	164,093	16,411	52,005	5,818	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611229	Bleached and semibleached sulfate, paper and board grades:							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611231	Bleached (brightness over 70):	3,182,299	122,856	1618,050	167,912	448,353	54,924	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611235	Softwood.....	840,602	347,314	230,981	31,291	116,333	13,948	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611239	Semibleached (brightness 45-70).....	707,974	110,985	32,667	3,645	78,316	11,559	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
	Unbleached sulfate:							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611241	Paper grades.....	2,972,785	372,056	174,100	173,649	97,936	7,909	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611245	Board grades.....	4,613,719	100,653	72,285	3,789	28,368	2,750	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611251	Soda.....	410,114	146,380	92,961	12,956	53,419	7,789	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
	Groundwood (including chemi-ground):							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611261	Bleached.....	1,260,958	3,515	74,139	73,515	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611269	Unbleached.....	1,621,553	84,573	65,600	4,983	18,973	1,079	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611271	Semichemical (including chemi-pulp):							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611273	Bleached.....	346,239	3,524	73,144	73,524	( <sup>7</sup> )	( <sup>7</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611273	Unbleached.....	1,249,450	4,485	75,201	2,810	17,706	1,675	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611275	Defibrated or exploded.....	1,167,519	2,537	61,867	2,061	8,057	296	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611279	Screenings, off-quality, damaged, etc.....	117,582	57,754	40,624	1,413	17,130	957	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
	Pulp, other than wood, and miscellaneous pulp mill products, nec:							( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611281	Cotton and cotton linter pulp.....	139,576	33,185	( <sup>6</sup> )	( <sup>6</sup> )	136,681	633,185	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611285	Other pulp (including pulp made from straw, rags, flax, bagasse, de-linked paper, etc.)...	(NA)	1,823	( <sup>6</sup> )	( <sup>6</sup> )	17,882	61,823	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611287	Turpentine, sulfate (quantity in thousands of gallons).....	25,076	3,939	( <sup>6</sup> )	( <sup>6</sup> )	6320,553	63,939	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2611289	Cooking liquor byproducts other than tall oil and fatty acids (skimmings, binders, fuel, etc.).....	xxx	8,842	64,862	720	223,696	8,122	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
2621---	Paper, except building paper, total.....	13,547,751	13,463,484	3,479,612	712,255	9,983,872	2,332,558	11,648,672	2,389,321	2,825,717	525,960		
2621111	Newsprint.....	1,731,293	1,739,275	150,409	18,294	1,588,866	196,520	1,202,413	1,208,411	137,443	(NA)		
26212--	Groundwood paper, uncoated.....	805,585	807,192	18,111	3,695	789,081	140,101	788,218	782,561	128,743	(NA)		
2621223	Publication and printing.....	636,944	639,086	11,918	359	637,168	111,537	612,601	612,264	100,068	(NA)		
2621241	Converting and miscellaneous groundwood.....	168,641	168,106	16,193	3,336	151,913	28,564	175,617	170,297	28,675	(NA)		
2612310	Paper-machine coated printing and converting paper	1,569,112	1,547,408	29,134	8,677	1,518,274	333,828	1,221,700	252,617	19,563	5,592		

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

PULP, PAPER, AND BOARD MILLS

26A-13

Product code	Product	1958					1954					
		Total shipments including interplant transfers <sup>2</sup>					Total shipments including interplant transfers					
		Production for all purposes <sup>1</sup>  (short tons)	Total shipments <sup>2</sup>		Interplant transfers <sup>2</sup>		Market shipments <sup>3</sup>		Production for all purposes  (short tons)	Total shipments <sup>3</sup>		Interplant transfers  Value (\$1,000)
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	
2621--- 26214-- 2621412 2621432 26215-- 2621542 2621552 2621562 2621572 2621582 26216-- 2621601 2621614 2621618 2621624 2621632 2621642 2621652 2621656 2621759 26218-- 2621812 2621832 2621842 2621851 2621862 2621878 2631--- 26311-- 2631112 2631132 2631152 2631211 2631212 2631412 26315-- 2631511 2631531 2631551 2631598 2631612	Paper, except building paper--Continued Book paper, uncoated..... Publication and printing..... Converting and miscellaneous book..... Fine paper, including thin paper..... Writing, rag..... Writing, chemical wood pulp..... Bristols (except rag index and bogus)..... Cover, text, and colored school paper..... Thin paper..... Coarse paper..... Unbleached kraft paper: Wrapping and shipping sack..... Bag..... Other converting..... Glassine, greaseproof, and vegetable parchment.. Other coarse paper: Wrapping..... Shipping sack and bag (including combination kraft and rope)..... Other converting..... Special industrial paper (excluding windshield wiper stock and industrial wipes)..... Sanitary tissue stock and tissue paper, nec..... Toweling (excluding windshield wiper stock and industrial wipes, but including facial tissue stock for towels)..... Toilet tissue..... Napkins..... Facial tissue stock, other than napkin and toilet..... Other sanitary tissue stock and sanitary napkin stock wadding (including windshield wiper stock and industrial wipes)..... Tissue paper (excluding sanitary and thin)..... Paperboard mills, total..... Container board..... Liners..... Corrugating material..... Container chipboard..... Special food board..... Folding boxboard stock, except special food board. Set-up boxboard..... Special paperboard, including cardboard, other bending and other nonbending board..... Special paperboard..... Cardboard (including bogus bristol)..... Other bending board..... Other nonbending board..... Wet machine board.....	1,675,835 1,014,396 661,459 1,556,406 109,742 1,090,998 119,170 113,770 122,726 3,677,637 1,157,268 983,342 557,976 172,550 240,531 133,035 432,955 607,133 1,924,750 1,223,445 202,294 217,986 77,983 203,042 14,139,140 7,441,182 4,953,596 2,252,052 255,574 1,369,868 2,623,051 682,454 1,892,279 1,241,517 99,905 291,373 259,484 128,306	1,670,549 999,601 670,948 1,535,247 107,415 1,086,793 115,120 110,206 115,713 3,644,738 1,128,906 982,760 563,635 172,198 241,596 129,287 426,356 592,538 1,926,537 1,223,749 201,562 216,568 82,940 201,718 14,011,335 7,399,666 4,918,855 2,224,118 256,693 1,349,423 2,594,179 680,537 1,854,134 1,231,995 94,981 280,928 246,250 133,396	426,299 258,552 167,747 568,412 72,129 338,457 33,058 41,451 85,317 712,491 186,629 147,492 112,843 72,841 54,914 30,466 107,306 176,222 440,074 249,894 45,727 63,649 23,594 57,250 1,697,699 805,984 928,558 253,016 24,410 244,474 353,943 65,962 198,431 115,144 25,592 33,002 24,693 28,905	174,017 28,104 145,913 77,033 851 72,872 594 55 2,661 1,447,744 346,637 700,585 122,450 66,702 39,422 51,501 120,447 42,737 1,540,427 1,079,766 150,662 183,618 56,001 70,380 5,475,893 2,753,898 1,746,857 917,208 89,793 578,680 1,178,662 87,272 867,111 730,455 27,274 88,621 46,711 10,310	40,035 10,923 29,112 17,443 893 15,287 179 24 1,060 268,009 57,235 106,997 24,180 23,227 8,312 12,295 35,765 12,999 343,103 219,158 33,356 53,611 16,641 20,537 1,655,924 300,414 190,353 102,380 7,681 101,126 161,708 8,770 80,277 65,616 25,592 10,526 4,197 3,629	1,496,532 971,497 525,035 1,458,214 106,564 1,013,921 114,326 110,151 113,052 2,196,994 782,269 282,175 441,185 105,496 202,174 77,786 305,909 549,801 386,110 143,983 50,900 32,950 26,959 131,358 8,535,442 4,645,808 3,171,998 1,372,925 166,900 770,743 1,415,517 593,265 987,023 501,540 94,981 192,307 199,519 123,086	386,264 247,629 138,635 550,969 71,236 323,170 32,879 82,584 82,257 444,482 129,394 862,573 88,663 49,614 46,602 18,171 71,534 163,223 96,971 18,171 12,371 10,058 6,953 1,041,775 505,570 338,205 150,636 16,729 143,348 192,245 57,192 118,154 49,528 25,592 27,746 20,496 25,276	(NA) (NA) 166,169 (NA) (NA) (NA) (NA) (NA) (NA) 606,401 (NA) 111,582 861,447 530,424 61,475 258,500 377,881 104,367 467,275 1,596,650 352,665 36,440 49,981 319,002 658,322 167,955 184,519 266,872 12,075,764 6,452,365 4,394,389 1,872,325 219,516 993,288 2,359,600 717,887 1,417,701 1,023,168 71,274 11,347 204,395 134,923	(NA) (NA) 166,169 (NA) (NA) (NA) (NA) (NA) (NA) 606,401 (NA) 111,582 861,447 530,424 61,475 258,500 377,881 104,367 467,275 1,596,650 352,665 36,440 49,981 319,002 658,322 167,955 184,519 266,872 12,075,764 6,452,365 4,394,389 1,872,325 219,516 993,288 2,359,600 717,887 1,417,701 1,023,168 71,274 11,347 204,395 134,923	217,376 6,622 56,734 8,791 26,390 11,254 5,396 9,776 16,321 4,757 262,314 43,467 112,730 26,775 44,500 29,562 261,737 176,806 74,569 10,362 66,373 135,263 8,935 51,926 43,534 6,555 6,541	

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958			1954		
		Production for all purposes <sup>1</sup> (short tons)	Total shipments including inter- plant transfers		Production for all purposes (short tons)	Total shipments including inter- plant transfers	
			Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)
2661---	Building paper and board, total.....	93,107,138	93,149,655	373,597	2,900,870	2,892,173	308,190
2661112	Insulating board (26 lbs. or less per cu. ft.) (in short tons).....	1,063,159	1,061,676	169,838	1,007,692	1,006,210	155,623
2661114	Insulating board (26 lbs. or less per cu. ft.) (thousand sq. ft., 1/2" basis).....	2,789,111	2,742,657	xxx	2,650,209	2,649,684	xxx
2661212	Construction paper (dry basis before saturating).....	1,415,201	1,408,751	121,133	1,428,350	1,422,937	121,133
2661311	Hard pressed wood fiber board (over 26 lbs. per cu. ft.) (in short tons).....	628,778	604,228	78,551	464,888	465,026	51,429
2661321	Hard pressed wood fiber board (over 26 lbs. per cu. ft.) (thousand sq. ft., 1/8" basis)...	1,761,943	1,657,066	xxx	1,267,004	1,258,260	xxx
2661000	Other products, nsk <sup>2</sup> .....	(NA)	(NA)	4,295	xxx	xxx	xxx

D Withheld to avoid disclosing individual company figures.

NA Not available.

<sup>1</sup>Revised.

The differences between the production tonnages reported in the 1958 Census, compared to those shown in the M26A Annual Summary for Pulp, Paper, and Board for 1958, are due to some apparent differences in classification of grades by reporting establishments. These differences occurred most notably in the case of types of pulp and grades of paper or board where the accounting records of many companies tend to group grade classifications by common types of pulp furnished and common end-uses.

<sup>2</sup>In the case of wood pulp, total shipments and interplant transfers in 1958 excluded transfers of wood pulp to a paper or board mill operated at the same physical location. In the case of paper and board, total shipments and interplant transfers both in 1958 and 1954 included transfers of paper and board to a converting facility conducted at the same physical location. (See text and footnote 8 to table 1 for a further explanation of the change in treatment accorded in the 1958 Census to the reports of integrated companies.)

<sup>3</sup>The difference between total shipments and interplant transfers represents "market shipments."

<sup>4</sup>Comparable data for 1954 are not available for this industry (see text).

<sup>5</sup>Sulfite and sulfate wood pulp for chemical conversion, paper making, and other uses. For pulp of similar characteristics made from cotton and cotton linters, see product code 2611281.

<sup>6</sup>An insignificant amount of interplant transfers has been combined with commercial (market) shipments to avoid disclosing individual company figures.

<sup>7</sup>An insignificant amount of commercial (market) shipments has been combined with interplant transfers to avoid disclosing individual company figures.

<sup>8</sup>Includes "solid bleached chemical pulpboard, except special food board." Beginning with the year 1959, the paper and board detailed grade survey (Current Industrial Reports Series M26A) classifies this grade in the "folding boxboard stock" category.

<sup>9</sup>See footnote 8, table 1.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Special alpha and dissolving wood pulp (26111):</u>	1958 <sup>1</sup>	<u>Groundwood paper, uncoated (26211)--Continued</u>	1958 <sup>1</sup>	<u>Fine paper, including thin (26215):</u>	
United States, total.....	154,500	New England.....	55,096	United States, total:	
South Atlantic.....	50,000	Maine.....	52,057	1958.....	568,412
Pacific.....	40,260			1954.....	439,429
				1947.....	343,020
					1958 <sup>1</sup>
<u>Other pulp and pulp mill byproducts (26112):</u>		Middle Atlantic.....	43,376	New England.....	155,904
United States, total.....	433,509	New York.....	43,073	Maine.....	36,268
New England.....	47,877	East North Central.....	10,491	Massachusetts.....	98,148
Maine.....	29,171	West North Central.....	25,942	Middle Atlantic.....	110,451
Middle Atlantic.....	25,041	Minnesota.....	25,942	New York.....	35,416
New York.....	6,117				
New Jersey.....	2,165	<u>Paper-machine coated paper (26213):</u>	Value of shipments	East North Central.....	205,871
Pennsylvania.....	17,259	United States, total:		Ohio.....	76,063
East North Central.....	52,535	1958.....	362,505	Michigan.....	53,991
Ohio.....	2,008	1957.....	329,001	Wisconsin.....	85,250
Illinois.....	3,491	1956.....	318,273		
Wisconsin.....	25,998	1955.....	263,680	South Atlantic.....	38,694
		1954.....	252,617	Virginia.....	5,506
West North Central.....	4,269	1947.....	100,609		
Minnesota.....	3,543				
		1958 <sup>1</sup>	1954	West South Central.....	12,782
South Atlantic.....	108,622	New England.....	57,858	Pacific.....	34,909
Virginia.....	15,609	Maine.....	57,858	Washington.....	19,065
North Carolina.....	39,029	Middle Atlantic.....	61,412		
Georgia.....	41,008	New York.....	37,353		Value of shipments
Florida.....	8,986		( <sup>2</sup> )	<u>Coarse paper (26216):</u>	
East South Central.....	64,222	East North Central.....	156,330	United States, total:	
Tennessee.....	28,531	Wisconsin.....	115,480	1958.....	712,491
Alabama.....	20,045	South.....	65,353	1954.....	606,401
			( <sup>2</sup> )	1947.....	451,038
West South Central.....	18,228				1958 <sup>1</sup>
Louisiana.....	2,658	<u>Book paper, uncoated (26214):</u>	Value of shipments	New England.....	69,356
Texas.....	15,019	United States, total:		Massachusetts.....	24,244
Pacific.....	103,661	1958.....	426,299	Middle Atlantic.....	49,187
Washington.....	97,420	1954.....	343,376	New York.....	8,576
		1947.....	282,073		
		1958 <sup>1</sup>		East North Central.....	116,733
<u>Newsprint (26211):</u>	Value of shipments	New England.....	84,646	Ohio.....	17,475
United States, total:		Maine.....	38,029	Michigan.....	24,339
1958.....	214,814	Massachusetts.....	35,244	Wisconsin.....	69,206
1954.....	137,445				
1947.....	68,457	Middle Atlantic.....	119,591	West North Central.....	7,643
	1958 <sup>1</sup>	Pennsylvania.....	76,691	South Atlantic.....	182,338
New England.....	58,821	East North Central.....	147,305	Virginia.....	28,997
Maine.....	58,821	Ohio.....	53,271	Florida.....	59,000
East South Central.....	70,317	Michigan.....	62,240	East South Central.....	80,306
Pacific.....	53,861	Wisconsin.....	27,467	Alabama.....	65,276
				West South Central.....	113,564
<u>Groundwood paper, uncoated (26212):</u>	Value of shipments	South Atlantic.....	27,183	Arkansas.....	50,706
United States, total:		Virginia.....	5,708	Louisiana.....	50,000
1958.....	143,796				
1954.....	125,743				
1947.....	105,709				

See footnotes at end of table.





Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Special paperboard (26515)--</u> Continued	1958 <sup>1</sup>	<u>Wet machine board (26316)--</u> Continued	1958 <sup>1</sup>	<u>Construction paper (26612)--</u> Continued	
Middle Atlantic.....	37,695	Northeast.....	21,765	United States, total-- Continued	
New York.....	14,375	New Hampshire.....	4,571	1953.....	108,360
New Jersey.....	16,017	Massachusetts.....	4,013	1952.....	108,469
Pennsylvania.....	7,303	Connecticut.....	5,887	1951.....	127,317
		New York.....	1,993	1950.....	113,882
				1947.....	113,148
East North Central.....	62,160	East North Central.....	5,808		
Ohio.....	21,961			1958 <sup>1</sup>	1954
Illinois.....	9,425			New England.....	4,535 3,485
Michigan.....	18,094			Middle Atlantic.....	34,250 36,012
		<u>Insulating board (26611):</u> United States, total:	Value of shipments	New York.....	12,196 12,260
West North Central.....	7,479	1958.....	169,838	New Jersey.....	15,179 16,622
		1954.....	135,628	Pennsylvania.....	6,875 7,109
		1947.....	79,958		
South Atlantic.....	29,028			East North Central.....	30,193 31,289
Virginia.....	10,346	Northeast.....	15,930	Ohio.....	10,764 11,153
North Carolina.....	6,279	North Central.....	38,843	Illinois.....	17,391 17,216
Georgia.....	1,913	South.....	98,658	West North Central.....	17,949 17,305
East South Central.....	7,682	Mississippi.....	18,124	Missouri.....	2,095 (2)
		West.....	16,407	South Atlantic.....	8,416 6,964
Pacific.....	22,546			East South Central.....	2,706 2,315
California.....	15,245			West South Central.....	10,490 10,430
		<u>Construction paper (26612):</u> United States, total:	Value of shipments	Texas.....	4,367 5,570
<u>Wet machine board (26316):</u> United States, total:	Value of shipments	1958.....	121,133		
1958.....	28,905	1957.....	111,609	Pacific.....	12,594 13,331
1954.....	37,394	1956.....	121,713	California.....	11,335 (2)
1947.....	21,575	1955.....	122,762		
		1954.....	121,131		

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>Revised.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 26111, New Hampshire, New York, Georgia, Florida, Mississippi, and Washington; 26112, New Hampshire, Maryland, South Carolina, Mississippi, Montana, Idaho, and Oregon; 26211, New York, Michigan, Tennessee, Alabama, Arkansas, Texas, Washington, and Oregon; 26212, Vermont, Ohio, Michigan, Wisconsin, Washington, and Oregon; 26213, Pennsylvania, Michigan, Minnesota, Maryland, Virginia, Tennessee, Texas, Washington, and Oregon; 26214, New Hampshire, New York, Illinois, Minnesota, Maryland, North Carolina, Tennessee, Alabama, Louisiana, Texas, and Washington; 26215, New Hampshire, Vermont, Connecticut, New Jersey, Pennsylvania, Indiana, Illinois, Minnesota, Delaware, Maryland, North Carolina, Alabama, Louisiana, Texas, Oregon, and California; 26216, Maine, New Hampshire, Vermont, New Jersey, Pennsylvania, Indiana, Illinois, Minnesota, West Virginia, North Carolina, South Carolina, Georgia, Mississippi, Texas, and California; 26217, Maine, Rhode Island, Connecticut, New Jersey, Pennsylvania, Delaware, North Carolina, Alabama, Louisiana, Idaho, Washington, and Oregon; 26218, Vermont, Connecticut, Ohio, Indiana, Illinois, Delaware, North Carolina, Tennessee, Mississippi, Oregon, and California; 26311, New Hampshire, Massachusetts, Connecticut, New Jersey, Minnesota, Iowa, Missouri, Kansas, Delaware, Maryland, West Virginia, North Carolina, South Carolina, Tennessee, Mississippi, Arkansas, Texas, and Colorado; 26312, Vermont, Wisconsin, Virginia, North Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Texas, Idaho, Washington, Oregon, and California; 26313, Minnesota, Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Louisiana, Texas, Idaho, and Washington; 26314, Indiana, Illinois, Maryland, Virginia, West Virginia, North Carolina, Tennessee, and Alabama; 26315, Vermont, Connecticut, Indiana, Wisconsin, Minnesota, Iowa, Missouri, Kansas, South Carolina, Florida, Alabama, Oklahoma, Texas, Idaho, Washington, and Oregon; 26316, Maine, New Jersey, Pennsylvania, Illinois, and Michigan; 26611, Maine, New Jersey, Pennsylvania, Ohio, Michigan, Iowa, Virginia, Georgia, Florida, Alabama, Louisiana, Washington, and Oregon; 26612, Rhode Island, Indiana, Minnesota, Maryland, Georgia, Florida, Alabama, Louisiana, Oklahoma, and Oregon.

<sup>3</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>4</sup>Shipments of less than \$1 million reported.

Table 6C.—Wood Pulp Production, Wood Pulp and Other Fibrous Materials Consumption in the Manufacture of Paper and Board, and Paper Board Production by Divisions and States. 1958 and 1954

(All figures in tons of 2000 lbs.)

Region and State	1958				1954			
	Wood pulp production <sup>1</sup>	Wood pulp consumption <sup>2</sup>	Other fibrous materials consumption <sup>2</sup>	Paper and board production <sup>1</sup>	Wood pulp production	Wood pulp consumption	Other fibrous materials consumption	Paper and board production
United States, total.....	21,795,652	22,533,118	9,808,445	30,774,800	18,256,139	18,989,159	9,056,329	26,875,242
Northeast.....	2,785,306	<sup>r</sup> 4,323,373	3,225,339	7,681,002	2,576,371	4,149,274	3,220,000	7,264,875
New England.....	1,775,289	<sup>r</sup> 2,283,124	868,416	3,163,139	1,625,742	2,078,146	875,500	2,879,905
Maine.....	1,409,854	<sup>r</sup> 1,502,590	28,193	1,608,794	1,294,450	1,367,159	27,457	( <sup>3</sup> )
New Hampshire.....	(D)	<sup>r</sup> 238,173	(D)	(D)	(D)	209,981	120,387	( <sup>3</sup> )
Vermont.....	(D)	<sup>r</sup> 85,237	(D)	(D)	(D)	82,481	25,970	( <sup>3</sup> )
Massachusetts.....	(D)	<sup>r</sup> 360,929	399,529	760,092	(D)	345,755	414,830	( <sup>3</sup> )
Connecticut.....	(D)	<sup>r</sup> (D)	275,628	308,796	(D)	72,770	286,856	( <sup>3</sup> )
Middle Atlantic.....	1,010,017	<sup>r</sup> 2,040,249	2,356,923	4,517,863	950,629	2,071,128	2,344,500	4,384,970
New York.....	516,524	<sup>r</sup> 980,377	803,796	1,795,111	540,774	998,218	873,992	( <sup>3</sup> )
New Jersey.....	83,082	<sup>r</sup> 231,265	831,819	1,123,568	84,135	254,247	813,066	( <sup>3</sup> )
Pennsylvania.....	410,411	<sup>r</sup> 828,607	721,308	1,599,184	325,720	818,663	657,442	( <sup>3</sup> )
North Central.....	2,344,388	<sup>r</sup> 3,774,978	3,871,200	7,324,782	2,069,698	3,410,780	3,622,468	6,720,398
East North Central.....	1,816,656	<sup>r</sup> 3,077,963	3,347,742	6,318,834	1,501,842	2,732,323	3,213,041	5,719,578
Ohio.....	120,190	<sup>r</sup> 644,527	746,529	1,480,938	82,168	552,142	901,151	( <sup>3</sup> )
Indiana.....	(D)	<sup>r</sup> 27,424	257,502	282,657	...	24,736	271,154	( <sup>3</sup> )
Illinois.....	(D)	<sup>r</sup> 150,102	1,080,406	835,533	77,939	138,943	754,491	( <sup>3</sup> )
Michigan.....	390,234	<sup>r</sup> 801,003	892,857	1,657,950	266,511	658,516	903,692	( <sup>3</sup> )
Wisconsin.....	1,180,726	<sup>r</sup> 1,434,907	370,448	2,061,756	1,075,224	1,327,986	382,553	( <sup>3</sup> )
West North Central.....	527,732	<sup>r</sup> 697,015	523,458	1,005,948	567,856	678,457	409,427	1,000,820
Minnesota.....	(D)	<sup>r</sup> 653,109	284,263	830,530	(D)	661,367	183,042	( <sup>3</sup> )
Iowa.....	(D)	<sup>r</sup> (D)	123,517	(D)	(D)	(D)	83,092	( <sup>3</sup> )
Missouri.....	(D)	<sup>r</sup> (D)	(D)	77,455	...	(D)	72,673	( <sup>3</sup> )
Kansas.....	(D)	<sup>r</sup> (D)	(D)	(D)	...	(D)	69,810	( <sup>3</sup> )
South.....	12,581,220	<sup>r</sup> 11,247,948	1,865,609	12,081,936	10,169,250	9,060,441	1,454,852	9,965,262
South Atlantic.....	7,502,338	<sup>r</sup> 6,554,959	924,897	6,844,393	6,064,201	5,399,232	617,400	5,714,135
Delaware.....	(D)	(D)	58,698	(D)	...	26,270	25,333	( <sup>3</sup> )
Maryland.....	(D)	<sup>r</sup> 122,864	185,195	301,382	(D)	117,156	172,148	( <sup>3</sup> )
Virginia.....	1,095,275	<sup>r</sup> 1,045,886	218,414	1,113,708	845,152	847,739	122,772	( <sup>3</sup> )
West Virginia.....	(D)	(D)	(D)	(D)	...	6,211	(D)	( <sup>3</sup> )
North Carolina.....	1,113,349	<sup>r</sup> 756,365	121,111	834,860	859,692	645,845	91,059	( <sup>3</sup> )
South Carolina.....	(D)	<sup>r</sup> 912,079	(D)	938,533	(D)	918,447	(D)	( <sup>3</sup> )
Georgia.....	2,138,848	<sup>r</sup> 1,792,591	103,368	1,749,739	1,573,458	1,271,211	55,229	( <sup>3</sup> )
Florida.....	2,102,162	<sup>r</sup> 1,902,348	88,828	1,817,594	1,747,224	1,565,903	36,481	( <sup>3</sup> )
East South Central.....	2,546,816	<sup>r</sup> 2,152,357	262,157	2,286,194	1,934,501	1,517,708	179,909	1,675,886
Tennessee.....	(D)	<sup>r</sup> 557,041	151,290	643,913	(D)	245,395	122,266	( <sup>3</sup> )
Alabama.....	1,127,630	<sup>r</sup> 879,341	(D)	955,073	(D)	619,015	57,643	( <sup>3</sup> )
Mississippi.....	(D)	<sup>r</sup> 716,002	(D)	687,208	1,012,603	653,298	...	( <sup>3</sup> )
West South Central.....	2,532,066	<sup>r</sup> 2,540,632	678,555	2,951,349	2,170,548	2,143,501	657,543	2,575,241
Arkansas.....	(D)	(D)	(D)	(D)	(D)	343,837	24,167	( <sup>3</sup> )
Louisiana.....	1,434,254	<sup>r</sup> 1,488,426	422,824	1,671,441	1,456,837	1,480,476	399,476	( <sup>3</sup> )
Oklahoma.....	(D)	<sup>r</sup> (D)	(D)	(D)	...	(D)	99,040	( <sup>3</sup> )
Texas.....	568,303	<sup>r</sup> 473,953	179,888	656,854	(D)	(D)	134,860	( <sup>3</sup> )
West.....	4,084,738	<sup>r</sup> 3,186,819	846,297	3,687,080	3,440,820	2,368,664	759,009	2,925,707
Pacific.....	(D)	(D)	846,297	(D)	(D)	(D)	(D)	(D)
Washington.....	4,592,347	<sup>r</sup> 1,443,904	(D)	1,476,080	2,382,945	1,276,007	(D)	( <sup>3</sup> )
Oregon.....	970,045	<sup>r</sup> 933,101	(D)	(D)	371,626	681,588	26,763	( <sup>3</sup> )
California.....	(D)	<sup>r</sup> 495,132	728,274	1,090,312	(D)	(D)	647,168	( <sup>3</sup> )

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>These geographic distributions of wood pulp production and paper and board production were collected and published in the Pulp, Paper and Board Summary for 1958 (Facts for Industry (now Current Industrial Reports), Series M26A-08). They are reproduced here for convenience of reference in using the figures collected in the 1958 Census of Manufactures on wood pulp consumption and other fibrous materials consumption. For more detailed geographic data on production by type of pulp and by major grade group of paper and board, see tables 6 through 9 of the above-mentioned release.

<sup>2</sup>Table 7D of this report provides a distribution of wood pulp consumption by divisions and States by types of pulp, and shows separately the amount of other fibrous materials consumption represented by waste paper.

<sup>3</sup>Data not available on the production of paper and board by States.

<sup>4</sup>Includes data for Alaska.



Table 7A.—Materials Consumed, by Kind: 1958

Code	Description of material	Unit of measure	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2611—PULP MILLS		INDUSTRY 2621—PAPER MILLS, EXCEPT BUILDING		INDUSTRY 2631—PAPERBOARD MILLS		INDUSTRY 2661—BUILDING PAPER AND BOARD MILLS	
	Materials, pulpwood, chemicals, and mill supplies, total.....		xxx	207,683	xxx	1,558,240	xxx	743,101	xxx	139,776
	Pulpwood:									
	Softwood:									
	Bolts and logs:									
241131	Spruce and true fir.....	Cords of 128 cu. ft.	560,861	17,340	3,109,062	96,019	(D)	(D)	111,701	3,103
241133	Hemlock.....	do.....	914,731	20,885	1,591,396	37,357	(D)	(D)	(D)	(D)
241135	Jack pine.....	do.....	(D)	(D)	755,806	17,680	(D)	(D)	92,850	2,124
241137	Southern pine.....	do.....	1,492,405	29,475	6,010,818	115,985	7,529,954	150,794	343,384	5,745
241139	Other softwoods (including Douglas fir).....	do.....	163,600	3,461	253,906	6,096	(D)	(D)	164,362	2,808
242171	Chips.....	do.....	980,718	18,421	1,567,114	28,108	1,606,012	26,096	384,092	4,404
242173	Slabs, cores, and other mill wastes.....	do.....	(D)	(D)	156,487	2,917	(D)	(D)	(D)	(D)
	Hardwood:									
	Bolts and logs:									
241141	Northern mixed hardwoods.....	do.....	76,012	1,380	785,282	15,140	246,557	4,109	(D)	(D)
241143	Poplar (aspen and popple).....	do.....	92,101	2,203	826,060	18,150	240,201	3,861	(D)	(D)
241145	Southern mixed hardwoods.....	do.....	766,071	12,808	721,114	11,388	765,800	11,591	388,102	5,665
241149	Other hardwoods.....	do.....	412,675	9,401	206,762	3,347	168,057	2,614	70,709	1,156
242175	Slabs, chips, cores, and other mill waste.....	do.....	(D)	(D)	65,354	1,206	(D)	(D)	69,157	1,126
	Chemicals:									
147711	Crude sulfur.....	Long tons...	110,882	8,107	219,641	7,825	42,873	1,535	(D)	(D)
281211	Chlorine.....	Short tons..	158,649	10,610	307,614	22,091	114,204	8,183	(D)	(D)
281221	Sodium hydroxide (caustic soda).....	Short tons (basis 100% NaOH).....	192,854	11,343	154,201	10,074	107,533	6,166	(D)	(D)
281231	Sodium carbonate (soda ash).....	Short tons (basis 98-100% Na <sub>2</sub> CO <sub>3</sub> ).....	(D)	(D)	116,046	4,725	145,247	5,988	(D)	(D)
281971	Sodium sulfate (including salt cake).....	Short tons..	118,772	4,380	381,989	12,546	367,305	12,130	(D)	(D)
	Wood pulp:									
261111	Own wood pulp, produced at the same location.....	Short tons (air dry basis).....	xxx	xxx	9,148,335	xxx	7,214,950	xxx	1,619,502	xxx
261113	Produced at affiliated or associated mills, except pulp mill at same location.....	do.....	xxx	xxx	1,673,807	212,996	262,808	26,898	(D)	(D)
261115	Purchased (market) wood pulp.....	do.....	xxx	xxx	2,135,790	301,744	360,341	49,458	69,116	3,772
	Other fibrous materials:									
941251	Waste paper.....	Short tons..	(D)	(D)	1,099,492	58,771	6,629,056	192,706	1,009,972	12,582
941255	Rags.....	do.....	(D)	(D)	52,387	10,857	(D)	(D)	196,695	3,569
288117	Cotton linters and linter pulp.....	do.....	(D)	(D)	32,860	8,258	(D)	(D)	(D)	(D)
941259	Other including bagasse, straw, etc.....	do.....	(D)	(D)	140,881	13,299	183,665	4,607	408,285	7,509
970099	All other materials, components, parts, containers, chemicals, and supplies consumed.....		xxx	38,550	xxx	541,661	xxx	223,222	xxx	79,476

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

Table 7B.—Pulpwood Consumed in the Manufacture of Wood Pulp, by Kind of Wood, by Divisions and States: 1958

(All figures in cords of 128 cubic feet)

Divisions, regions, and States	Kind of wood								
	Total softwoods and hardwoods <sup>1</sup>	Softwood							
		Total softwoods <sup>1</sup>	Bolts and logs					Mill waste	
			Spruce and true fir	Hemlock	Jack pine	Southern pine	Other softwoods	Chips	Slabs etc.
United States, total.....	<sup>r</sup> 35,143,840	<sup>r</sup> 28,832,915	<sup>r</sup> 3,826,322	<sup>r</sup> 2,689,568	938,645	<sup>r</sup> 15,376,561	782,473	<sup>r</sup> 4,617,936	<sup>r</sup> 601,410
New England.....	<sup>r</sup> 2,769,157	2,110,153	1,805,778	144,553	33,972	...	78,159	27,279	20,412
Maine.....	2,169,650	1,757,081	1,538,956	143,596	(D)	...	(D)	14,294	2,515
New Hampshire.....	500,610	(D)	(D)	957	...	...	(D)	...	...
Vermont.....	28,593	(D)	(D)	...	...	...	...	...	...
Massachusetts.....	<sup>r</sup> 17,697	(D)	(D)	...	...	...	...	...	...
Middle Atlantic.....	<sup>r</sup> 1,455,818	<sup>r</sup> 897,074	<sup>r</sup> 509,904	20,847	(D)	(D)	38,027	15,720	101,874
New York.....	<sup>r</sup> 715,851	(D)	<sup>r</sup> 367,314	8,127	(D)	...	7,068	(D)	98,207
New Jersey.....	<sup>r</sup> 80,764	(D)	7,251	...	(D)	13,828	14,130	...	(D)
Pennsylvania.....	659,203	326,117	135,339	12,720	(D)	1,460	16,829	(D)	(D)
East North Central.....	<sup>r</sup> 2,697,923	1,395,007	749,426	(D)	(D)	20,986	(D)	11,569	25,457
Ohio.....	<sup>r</sup> 173,898	(D)	...	...	...	20,986	...	(D)	...
Illinois.....	<sup>r</sup> 108,426	(D)	...	...	...	...	(D)	(D)	(D)
Michigan.....	<sup>r</sup> 499,164	<sup>r</sup> 206,264	(D)	(D)	(D)	...	10,317	...	(D)
Wisconsin.....	1,908,703	1,120,214	(D)	96,859	337,782	...	(D)	(D)	...

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7B.—Pulpwood Consumed in the Manufacture of Wood Pulp, by Kind of Wood, by Divisions and States: 1958--Continued

Divisions, regions, and States	Kind of wood								
	Total softwoods and hardwoods <sup>1</sup>	Softwood							
		Total softwoods <sup>1</sup>	Bolts and logs					Mill waste	
			Spruce and true fir	Hemlock	Jack pine	Southern pine	Other softwoods	Chips	Slabs etc.
West North Central.....	<sup>R</sup> 723,259	357,064	165,827	(D)	160,212	...	(D)	...	(D)
Minnesota.....	(D)	(D)	165,827	(D)	160,212	...	(D)	...	...
South Atlantic.....	<sup>R</sup> 11,936,047	<sup>R</sup> 10,424,797	(D)	...	(D)	9,372,872	(D)	<sup>R</sup> 590,097	47,201
Maryland.....	<sup>R</sup> 189,990	(D)	(D)	...	(D)	(D)	(D)	...	...
Virginia.....	<sup>R</sup> 1,623,694	<sup>R</sup> 1,244,987	...	...	(D)	1,051,339	...	<sup>R</sup> 160,628	33,020
North Carolina.....	1,793,240	1,392,330	...	...	...	1,267,131	(D)	(D)	(D)
South Carolina.....	1,348,919	1,156,645	...	...	...	(D)	...	(D)	...
Georgia.....	<sup>R</sup> 3,564,112	<sup>R</sup> 3,279,117	...	...	...	3,208,245	6,123	...	...
Florida.....	<sup>R</sup> 3,388,610	(D)	(D)	...	...	2,726,806	(D)	211,187	(D)
East South Central.....	4,068,813	2,865,034	...	...	...	2,605,613	(D)	163,082	(D)
Tennessee.....	647,382	(D)	...	...	...	(D)	...	(D)	...
Alabama.....	1,821,244	(D)	...	...	...	1,545,803	(D)	(D)	...
Mississippi.....	1,600,187	661,570	...	...	...	(D)	(D)	...	(D)
West South Central.....	<sup>R</sup> 4,295,210	<sup>R</sup> 3,920,192	...	...	...	<sup>R</sup> 3,361,802	(D)	530,244	23,057
Arkansas.....	963,204	(D)	...	...	...	(D)	...	(D)	...
Louisiana.....	<sup>R</sup> 2,358,656	(D)	...	...	...	<sup>R</sup> 2,008,361	...	(D)	...
Texas.....	963,183	(D)	...	...	...	(D)	(D)	216,739	(D)
West.....	<sup>R</sup> 7,197,613	<sup>R</sup> 6,863,594	<sup>R</sup> 246,842	<sup>R</sup> 2,424,578	(D)	...	(D)	<sup>R</sup> 3,279,945	(D)
Pacific.....	(D)	(D)	<sup>R</sup> 246,842	<sup>R</sup> 2,424,578	(D)	...	(D)	<sup>R</sup> 2,790,295	(D)
Washington.....	4,433,800	(D)	115,670	<sup>R</sup> 1,877,424	(D)	...	170,932	<sup>R</sup> 1,845,150	(D)
Oregon.....	<sup>R</sup> 1,416,997	<sup>R</sup> 1,404,950	(D)	<sup>R</sup> 546,654	...	...	(D)	569,397	(D)
California.....	(D)	(D)	(D)	...	...	...	(D)	375,748	(D)
Kind of wood—Continued									
	Total hardwoods <sup>1</sup>	Bolts and logs				Slabs, chips, cores and other mill waste			
		Northern mixed hardwoods	Poplar (aspen and popple)	Southern mixed hardwoods	Other hardwoods				
United States, total.....	<sup>R</sup> 6,310,925	<sup>R</sup> 1,133,150	<sup>R</sup> 1,376,695	2,641,087	<sup>R</sup> 858,203	<sup>R</sup> 301,790			
New England.....	<sup>R</sup> 659,004	364,052	(D)	...	179,750	(D)			
Maine.....	<sup>R</sup> 412,569	321,032	<sup>R</sup> 91,254	...	...	...			
New Hampshire.....	(D)	25,323	(D)	...	179,750	(D)			
Vermont.....	(D)	...	(D)	...	...	...			
Middle Atlantic.....	<sup>R</sup> 558,744	<sup>R</sup> 243,763	143,075	...	152,673	19,213			
New York.....	(D)	(D)	119,350	...	(D)	17,939			
New Jersey.....	(D)	(D)	...	...	(D)	(D)			
Pennsylvania.....	333,086	183,396	23,725	...	125,965	...			
East North Central.....	<sup>R</sup> 1,302,916	304,308	(D)	(D)	(D)	27,421			
Ohio.....	(D)	(D)	...	...	(D)	(D)			
Illinois.....	(D)	(D)	...	(D)	(D)	(D)			
Michigan.....	292,900	(D)	(D)	...	(D)	(D)			
Wisconsin.....	788,489	(D)	606,736	...	(D)	(D)			
West North Central.....	<sup>R</sup> 366,195	<sup>R</sup> 40,425	317,778	...	(D)	(D)			
Minnesota.....	<sup>R</sup> 332,498	(D)	317,778	...	(D)	...			
South Atlantic.....	1,511,250	154,515	...	1,141,571	171,992	43,172			
Maryland.....	(D)	(D)	...	...	...	...			
Virginia.....	378,707	...	...	(D)	(D)	(D)			
North Carolina.....	400,910	...	...	(D)	(D)	(D)			
South Carolina.....	192,274	...	...	(D)	(D)	...			
Georgia.....	284,995	...	...	(D)	(D)	...			
Florida.....	(D)	(D)	(D)	(D)	(D)	(D)			
East South Central.....	1,203,779	...	...	1,146,117	43,566	14,096			
Tennessee.....	(D)	...	...	(D)	(D)	...			
Alabama.....	(D)	...	...	(D)	(D)	(D)			
Mississippi.....	938,617	...	...	(D)	(D)	(D)			
West South Central.....	375,018	...	...	(D)	(D)	(D)			
Arkansas.....	(D)	...	...	(D)	...	...			
Louisiana.....	(D)	...	...	(D)	...	(D)			
Texas.....	(D)	...	...	(D)	...	(D)			
West.....	<sup>R</sup> 334,019	(D)	...	...	(D)	(D)			
Pacific.....	<sup>R</sup> 334,019	(D)	...	...	(D)	(D)			
Washington.....	(D)	(D)	...	...	(D)	(D)			
Oregon.....	(D)	(D)	...	...	(D)	(D)			
California.....	(D)	...	...	...	(D)	(D)			

D Withheld to avoid disclosing figures for individual companies. <sup>R</sup>Revised.

<sup>1</sup>The differences between the quantities of pulpwood consumed as reported in the 1958 Census of Manufactures and the corresponding totals reported in the M26A survey (Current Industrial Reports Series M26A-08) are accounted for almost entirely by small establishments (generally those with fewer than 6 employees) which were mailed the short form designed to minimize the reporting burden and thus were not requested to complete this special inquiry on pulpwood consumed. This under-reporting was confined largely to building paper and board mills and the effect on the overall totals was less than 1 percent, and on neither the softwoods nor hardwoods subtotal did it amount to as much as 3 percent.



Table 7C.—Fibrous Materials Consumed in the Manufacture of Paper and Board,  
Totals by Kind, 1954 and 1958, and by Major Grade  
(All figures in tons of 2000 lbs.)

Kind of material	Total consumption for all grades of paper and board		Major grade group in 1958							
	1954	1958 <sup>1</sup>	Paper							
			News-print	Ground wood paper (uncoated)	Paper machine coated paper	Book paper (uncoated)	Fine paper	Coarse paper	Special industrial paper	Sanitary and other tissue papers
Production of paper and board.	26,876,242	30,707,186	1,731,293	805,585	1,569,112	1,675,835	1,556,406	3,677,637	607,133	1,924,750
Fibrous materials consumed, total <sup>1</sup> .....	28,045,488	32,341,563	1,925,428	870,028	1,185,020	1,679,862	1,596,529	3,865,047	715,956	2,072,450
Wood pulp, total.....	18,989,159	22,533,118	1,917,565	822,865	1,218,833	1,225,964	1,360,671	3,734,600	532,218	1,773,144
Sulfite, total.....	3,092,240	3,214,186	243,174	186,727	292,281	429,784	597,495	305,878	103,550	812,929
Bleached sulfite.....	2,116,173	2,264,289	...	81,288	259,035	409,836	515,805	165,293	87,402	583,054
Unbleached sulfite.....	976,067	949,897	243,174	105,439	33,246	19,948	81,690	140,585	16,148	229,875
Sulfate, total.....	10,429,338	13,119,684	208,231	61,775	419,694	510,898	580,019	3,390,662	358,484	680,278
Bleached sulfate, softwood.....	2,611,096	3,077,440	(D)	(D)	240,040	236,963	323,131	612,411	132,330	350,828
Bleached sulfate, hardwood.....	602,714	919,237	(D)	(D)	159,947	231,648	163,624	68,024	10,112	118,582
Semibleached sulfate.....	314,546	772,372	205,154	(D)	7,946	13,725	5,057	169,035	45,509	41,175
Unbleached sulfate.....	6,900,982	8,400,635	...	(D)	11,761	28,562	88,207	2,541,192	170,533	169,693
Groundwood (including chemiground)	2,710,312	3,232,949	1,461,293	559,300	307,130	29,097	6,466	3,233	12,932	265,102
Semichemical (including chemipulp)	1,138,012	1,194,263	4,867	15,063	16,139	30,723	54,743	12,671	...	478
All other wood pulp (soda, de-fibrated or exploded, screenings, etc.) <sup>2</sup> .....	1,619,257	1,772,036		...	93,589	225,462	121,948	22,156	57,252	14,357
Other fibrous materials, total.....	9,056,329	9,808,445		7,863	47,163	56,187	453,898	235,858	130,447	183,738
Waste paper.....	7,856,637	8,666,049	(D)	47,163	56,187	424,715	103,299	(D)	145,856	(D)
Other fibrous materials (rags, straw, bagasse, etc.).....	1,199,692	1,142,396	(D)	...	...	29,183	132,559	(D)	37,882	(D)
Major grade group in 1958—Continued										
	Paperboard						Construction paper and board			
	Container board	Bending board			Non-bending special paper-board, cardboard, and wet machine board	Construction paper	Hardboard and insulating board			
		Special food board	Folding and other							
Production of paper and board.	7,441,182		1,289,868		2,916,424	2,441,666	1,415,201		1,681,937	
Fibrous materials consumed, total <sup>1</sup> .....	7,961,832		1,310,110		3,129,627	2,550,132	1,444,422		2,035,120	
Wood pulp, total.....	6,003,644		1,141,889		605,790	580,017	360,735		1,345,183	
Sulfite, total.....	17,324		133,627		66,741	20,876	3,800		...	
Bleached sulfite.....	226		84,232		58,192	19,926	...		...	
Unbleached sulfite.....	17,098		49,395		8,549	950	3,800		...	
Sulfate, total.....	5,159,592		958,372		465,583	256,395	69,701		...	
Bleached sulfate, softwood.....	73,859		723,198		286,202	18,465	52,316		...	
Bleached sulfate, hardwood.....	14,708		94,681		25,739	(D)	16,545		...	
Semibleached sulfate.....	13,003		137,973		46,954	(D)	...		...	
Unbleached sulfate.....	5,058,022		2,502		106,688	221,777	840		...	
Groundwood (including chemiground)	3,232		19,398		48,494	58,193	16,165		442,914	
Semichemical (including chemipulp)	789,464		5,499		3,347	174,892	30,364		56,075	
All other wood pulp (soda, de-fibrated or exploded, screenings, etc.) <sup>2</sup> .....	34,032		24,993		21,625	69,661	240,705		846,194	
Other fibrous materials, total.....	1,958,188		168,221		2,523,837	1,970,115	1,083,687		689,937	
Waste paper.....	1,809,331		168,221		2,520,199	1,951,946	780,378		231,321	
Other fibrous materials, (rags, straw, bagasse, etc.).....	148,857		...		3,638	18,169	303,309		458,616	

Note: All figures on this page except those for Other fibrous materials and 1954 have been revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The differences between the total amount of wood pulp and other fibrous materials consumed as reported in the 1958 Census of Manufactures and the corresponding totals reported in the M26A survey (Current Industrial Reports Series M26A-08) are due to minor differences in interpretation by respondents in classifying types of pulp and other fibrous materials consumed. However, except for semibleached sulfate and the bleached sulfate grades, these differences are not considered statistically significant either in the totals or in the detail by kind of material. Similarly, there are slight differences in the tonnages reported by major grade of paper and board produced (see footnote 1 to table 6A).

<sup>2</sup>For 1958, includes a total of 74,885 tons of dissolving and special alpha grades; the distribution of this total by major paper and board grades is not given to avoid disclosing individual company figures. In 1954 no separate data were collected on the consumption of special alpha and dissolving wood pulp in paper and board manufacture.

Table 7D.—Fibrous Materials Consumed in the Manufacture of Paper and Board by Divisions and States: 1958

(All figures in tons of 2000 lbs.)

Regions, divisions, and States	Type of material											
	Wood pulp									Other fibrous materials		
	Total <sup>1</sup>	Sulfite		Sulfate			Ground- wood	Semi- chemical	Other wood pulp	Total <sup>1</sup>	Waste paper	Other fibrous materials
		Bleached	Un- bleached	Bleached	Semi- bleached	Un- bleached						
U. S., total..	22,533,118	2,264,289	949,897	3,996,677	722,372	8,400,635	3,232,949	1,194,263	1,772,036	9,808,445	8,666,049	1,142,396
Northeast.....	4,323,373	1,030,164	506,813	756,811	95,505	317,789	1,118,789	43,610	453,892	3,225,339	2,928,453	296,886
New England.....	2,283,124	527,790	217,731	310,536	54,853	207,874	753,763	...	210,577	868,416	765,029	103,387
Maine.....	1,502,590	285,487	180,311	180,311	(D)	(D)	721,243	...	105,181	28,193	23,540	4,653
New Hampshire...	238,173	95,269	(D)	21,436	(D)	97,651	(D)	...	(D)	(D)	(D)	(D)
Vermont.....	85,237	(D)	(D)	3,049	(D)	44,323	23,866	...	3,409	22,466	22,466	...
Massachusetts...	360,929	133,544	21,656	101,060	14,437	50,530	3,609	...	36,093	399,529	322,469	77,060
Rhode Island....	(D)	(D)	...	...	...	...	...	...	(D)	(D)	(D)	(D)
Connecticut.....	(D)	8,376	9,971	4,320	(D)	(D)	(D)	...	5,329	275,628	268,821	6,807
Middle Atlantic...	2,040,249	502,374	289,082	446,275	40,652	109,915	365,026	43,610	243,315	2,356,923	2,163,424	193,499
New York.....	980,377	235,290	147,057	166,664	(D)	49,019	294,113	(D)	49,019	803,796	680,337	123,459
New Jersey.....	231,265	18,501	50,878	39,315	(D)	27,752	4,625	(D)	70,005	831,819	782,888	48,931
Pennsylvania....	828,607	248,583	91,147	240,296	8,286	33,144	66,288	16,572	124,291	721,308	700,199	21,109
North Central.....	3,774,978	902,343	201,645	876,979	84,590	287,342	621,868	408,928	391,283	3,871,200	3,458,470	412,730
East North Central	3,077,963	867,343	176,285	818,199	71,528	241,624	362,957	338,146	201,881	3,347,742	2,988,233	359,509
Ohio.....	644,527	96,679	38,672	296,482	19,336	51,562	6,445	45,117	90,234	746,529	613,138	133,391
Indiana.....	47,424	3,794	3,794	18,970	(D)	5,691	3,794	...	(D)	257,502	176,132	81,370
Illinois.....	150,102	18,012	6,004	10,502	(D)	13,509	24,016	(D)	60,041	1,080,406	996,318	84,088
Michigan.....	801,003	232,291	56,070	248,311	8,010	56,070	56,070	(D)	(D)	892,857	852,197	40,660
Wisconsin.....	1,434,907	516,567	71,745	243,934	28,698	114,792	272,632	157,840	28,699	370,448	350,448	20,000
West North Central	699,015	35,000	25,360	58,780	13,062	45,718	258,911	70,782	189,402	523,458	470,237	53,221
Minnesota.....	653,109	(D)	(D)	58,780	13,062	45,718	(D)	(D)	189,402	284,263	(D)	(D)
Iowa.....	(D)	...	...	...	...	...	...	(D)	...	123,517	98,517	25,000
Missouri.....	(D)	...	...	...	...	...	(D)	...	...	(D)	(D)	(D)
Kansas.....	(D)	(D)	(D)	...	...	...	...	...	...	(D)	(D)	(D)
South.....	11,247,948	26,011	43,148	2,048,814	396,065	6,631,140	832,063	672,794	597,913	1,865,609	1,509,689	355,920
South Atlantic....	6,554,959	(D)	(D)	831,128	114,026	5,061,476	95,795	385,651	39,316	924,897	825,070	99,827
Delaware.....	(D)	6,680	(D)	(D)	(D)	...	(D)	...	(D)	58,698	(D)	(D)
Maryland.....	122,864	(D)	(D)	(D)	(D)	(D)	(D)	...	(D)	185,195	(D)	(D)
Virginia.....	1,045,886	(D)	(D)	219,636	(D)	554,320	(D)	156,883	10,459	218,414	217,371	1,043
West Virginia...	(D)	...	...	(D)	...	(D)	...	...	...	(D)	33,060	(D)
North Carolina..	756,365	...	...	302,546	(D)	249,600	...	(D)	...	121,111	92,073	29,038
South Carolina..	912,079	...	...	...	...	793,709	...	118,370	...	(D)	(D)	...
Georgia.....	1,792,591	...	...	142,897	...	1,631,258	...	(D)	(D)	103,368	(D)	(D)
Florida.....	1,902,348	...	...	(D)	...	1,826,254	...	...	(D)	88,828	75,912	12,916
East South Central	2,152,357	...	(D)	582,026	107,606	392,599	538,565	110,387	399,505	262,157	242,618	19,539
Tennessee.....	557,014	...	(D)	139,254	(D)	(D)	(D)	(D)	(D)	151,290	(D)	(D)
Alabama.....	879,341	...	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mississippi.....	716,002	...	...	(D)	23,253	(D)	(D)	(D)	(D)	(D)	(D)	...
West South Central	2,540,632	(D)	(D)	635,660	174,433	1,177,065	197,703	176,756	159,092	678,555	442,001	236,554
Arkansas.....	(D)	...	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana.....	1,488,426	...	...	(D)	(D)	937,708	...	163,727	74,421	422,824	(D)	(D)
Oklahoma.....	(D)	...	...	(D)	...	...	(D)	...	...	(D)	(D)	...
Texas.....	473,953	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	179,888	158,924	20,964
West.....	3,186,819	305,771	198,291	314,073	146,212	1,164,364	660,229	68,931	328,948	846,297	769,437	76,860
Mountain.....	(D)	...	...	...	...	(D)	...	...	...	...	...	...
Idaho.....	(D)	...	...	...	...	(D)	...	...	...	...	...	...
Pacific.....	(D)	305,771	198,291	314,073	146,212	(D)	660,229	(D)	328,948	846,297	769,437	76,860
Washington.....	1,443,904	187,708	57,756	202,147	57,756	534,244	360,976	...	43,317	(D)	(D)	(D)
Oregon.....	933,101	93,310	130,634	(D)	(D)	(D)	231,937	...	186,620	(D)	(D)	(D)
California.....	(D)	24,753	9,901	(D)	(D)	94,625	67,316	(D)	99,011	728,274	676,986	51,288

Note: All figures on this page except those for Other fibrous materials have been revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The differences between the total amount of wood pulp and other fibrous materials consumed as reported in the 1958 Census of Manufactures and the corresponding totals reported in the M26A survey (Current Industrial Reports Series M26A-08) are due to minor differences in interpretation by respondents in classifying types of pulp and other fibrous materials consumed. However, these differences are not considered statistically significant.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2611	PULP MILLS (entire industry).....	59	14,171	74,797	11,450	22,648	56,491	196,026	231,002	427,997	42,991
26111	Special alpha and dissolving wood pulp (primary product class of estab.).....	7	4,576	23,670	4,069	7,433	19,201	71,878	74,610	147,110	21,490
26112	Other pulp and pulp mill by products (primary product class of estab.)..	45	9,425	50,264	7,337	15,106	37,112	123,529	155,921	279,431	20,800
	Establishments with:										
	90% or more specialization....	42	7,002	37,238	5,775	11,915	29,107	92,645	120,908	214,731	12,797
2621	PAPER MILLS, EXCEPT BUILDING (entire industry).....	354	131,334	740,988	109,266	238,433	570,040	1,541,518	1,728,641	3,259,415	256,479
	Establishments with:										
	90% or more specialization.....	291	92,294	522,038	77,090	169,374	399,767	1,045,466	1,219,691	2,256,797	161,132
	75-89% specialization.....	19	16,954	94,531	14,443	30,986	75,788	210,355	200,447	408,783	47,157
26211	Newsprint (primary product class of estab.).....	11	7,645	44,419	6,520	14,509	36,352	129,593	98,906	228,332	33,423
26212	Groundwood paper, uncoated (primary product class of estab.).....	12	4,257	22,212	3,671	8,153	18,405	42,862	55,656	98,458	8,374
	Establishments with:										
	90% or more specialization....	7	2,355	12,359	2,018	4,400	10,102	22,739	29,461	52,249	4,272
26213	Paper-machine coated paper (primary product class of estab.).....	19	20,871	118,976	17,725	38,035	95,380	245,392	219,386	462,167	30,974
	Establishments with:										
	90% or more specialization....	8	4,407	24,752	3,895	8,764	21,500	54,982	53,100	107,157	3,801
26214	Book paper, uncoated (primary product class of estab.).....	36	20,907	128,656	17,451	40,188	93,043	196,353	272,646	466,963	42,497
	Establishments with:										
	90% or more specialization....	16	5,231	30,264	4,657	11,044	25,893	53,829	83,391	137,375	4,811
	75-89% specialization.....	5	2,249	12,423	1,866	4,279	9,388	25,871	31,265	56,980	10,591
26215	Fine paper, including thin paper (primary product class of estab.)..	68	27,503	148,644	22,279	48,782	110,645	270,272	293,609	559,769	47,268
	Establishments with:										
	90% or more specialization....	39	10,162	53,884	8,276	18,039	39,398	106,451	95,842	201,551	11,638
	75-89% specialization.....	10	6,133	34,355	4,943	10,540	26,033	56,942	71,448	127,185	17,542
26216	Coarse paper (primary product class of estab.).....	61	31,614	173,791	26,131	54,753	135,047	433,745	451,877	885,974	60,561
	Establishments with:										
	90% or more specialization....	29	8,769	46,161	7,111	14,752	34,805	93,939	105,239	199,607	6,105
	75-89% specialization.....	7	3,323	17,816	2,812	6,316	14,558	51,053	53,831	105,885	3,268
26217	Special industrial paper (primary product class of estab.).....	34	6,246	34,607	5,224	11,251	25,934	70,840	75,308	144,452	4,185
	Establishments with:										
	90% or more specialization....	28	2,982	16,312	2,396	5,179	11,333	30,219	31,346	61,314	2,598
26218	Sanitary tissue stock and tissue paper, nec (primary product class of estab.).....	78	11,660	66,461	9,732	21,603	52,500	165,481	254,603	417,781	28,733
	Establishments with:										
	90% or more specialization....	64	8,564	48,131	7,188	16,037	38,325	119,031	193,304	310,296	25,640
2631	PAPERBOARD MILLS (entire industry)....	252	57,086	321,765	47,533	102,760	252,164	840,057	855,239	1,690,918	102,100
	Establishments with:										
	90% or more specialization.....	216	39,846	221,255	33,095	71,692	174,394	572,755	598,047	1,167,775	70,190
	75-89% specialization.....	19	5,669	33,315	4,689	10,259	26,056	87,490	94,462	181,816	11,507
26311	Container board (primary product class of estab.).....	81	28,298	157,263	23,496	48,547	123,473	462,845	421,437	881,675	61,840
	Establishments with:										
	90% or more specialization....	56	12,955	71,281	10,719	22,036	56,616	223,680	216,736	438,059	29,339
	75-89% specialization.....	3	1,885	10,802	1,537	3,425	8,376	36,063	31,284	67,276	2,114

See footnotes at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
26312	PAPERBOARD MILLS--Continued Special food board (primary product class of estab.).....	17	6,737	41,829	5,670	12,823	32,360	112,715	146,951	258,485	14,854
	Establishments with:										
	90% or more specialization....	4	613	3,160	530	1,157	2,609	14,201	18,908	33,055	(D)
	75-89% specialization.....	3	950	5,993	720	1,550	4,220	9,370	19,830	29,145	8,304
26313	Folding boxboard, except special food board (primary product class of estab.).....	62	12,396	71,346	10,416	23,890	57,103	155,881	180,280	335,323	11,283
	Establishments with:										
	90% or more specialization....	22	3,806	21,690	3,139	7,174	17,054	48,847	63,887	112,786	3,534
	75-89% specialization.....	11	2,748	17,497	2,351	5,686	14,501	33,283	42,274	75,033	3,863
26314	Set-up boxboard (primary product class of estab.).....	17	2,122	11,911	1,662	3,775	8,533	24,962	20,228	45,363	1,353
	Establishments with:										
	90% or more specialization....	6	398	2,449	324	757	1,744	6,012	3,343	9,319	( <sup>1</sup> )
26315	Special paperboard <sup>2</sup> (primary product class of estab.).....	47	5,517	29,864	4,580	10,165	23,443	68,425	76,495	144,928	11,978
	Establishments with:										
	90% or more specialization....	24	2,120	11,346	1,729	3,983	9,046	29,056	31,739	60,824	6,791
	75-89% specialization.....	6	932	4,875	750	1,626	3,741	8,038	9,325	17,446	( <sup>1</sup> )
26316	Wet machine board (primary product class of estab.).....	28	2,016	9,552	1,709	3,560	7,242	15,229	9,848	25,144	792
2661	Building paper and board mills (entire industry).....	181	20,658	102,717	17,539	37,337	83,139	215,050	179,119	391,786	23,167
	Establishments with:										
	90% or more specialization.....	169	17,737	87,454	15,117	31,943	70,888	186,961	145,638	330,704	19,702
26611	Insulating board (primary product class of estab.).....	34	10,040	50,358	8,467	18,496	40,272	111,326	86,627	196,748	10,596
26612	Construction paper (primary product class of estab.).....	111	6,348	31,110	5,438	11,249	25,607	62,527	67,178	129,303	(D)
	Establishments with:										
	90% or more specialization....	99	3,862	18,894	3,285	6,820	15,636	35,397	40,770	75,992	(D)
	75-89% specialization.....	4	796	3,882	662	1,274	3,073	7,232	8,081	15,232	322
26613	Hard pressed wood fiberboard (primary product class of estab.)..	22	4,113	20,617	3,500	7,357	16,736	39,687	23,168	62,098	(D)
	Establishments with:										
	90% or more specialization....	22	4,113	20,617	3,500	7,357	16,736	39,687	23,168	62,098	(D)

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.<sup>1</sup>Less than \$500 thousand.<sup>2</sup>Includes cardboard, other bending board, and other nonbending board.



# Converted Paper and Paperboard Products, Except Containers and Boxes

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 edition)

- 2641—Paper Coating and Glazing
- 2642—Envelopes
- 2643—Bags, Except Textile Bags
- 2644—Wallpaper
- 2645—Die Cut Paper and Paperboard; and Card-board
- 2646—Pressed and Molded Pulp Goods
- 2649—Converted Paper and Paperboard Products, N.E.C.

### 2641—Paper Coating and Glazing

This industry comprises establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper (including interplant transfers). Establishments primarily engaged in coating paper on the paper machine are classified in Industry 2621; those manufacturing carbon paper in Industry 3955; and photographic and blue-print paper in Industry 3861.

Principal products of this industry include: off-machine coated paper; oiled, waxed, and wax-laminated paper and wrappers; pressure sensitive tape; gummed products; and other coated and processed paper. For a detailed list of products of Industry 2641, refer to table 6A, product codes 2641111 to 2641698.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed as to content by the assignment to this industry of several products formerly classified in Industry 2699.

The changes in the content of Industry 2641 were as follows: new product class 26415, Laminated or coated wrappers, except waxed (rolls and sheets), is composed of the following products which were formerly considered primary to old SIC Industry 2699, Paper and Board Products, N.E.C.: waterproof paper, moisture proof and vapor barrier paper, and other laminations (except foil), including paper laminated to other sheet materials.

Value of shipments and other receipts of the Paper Coating and Glazing Industry in 1958 totaled \$805 million. This included shipments of paper coating and glazing (primary products), valued at \$648 million, shipments of other products (secondary products) valued at \$120 million, resales of \$18 million, and other miscellaneous receipts of \$19 million.

This industry's shipments of coated, waxed, and other processed paper (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization (primary product) ratio in 1954 was 85 percent. Secondary products shipped by this industry in 1958 consisted mainly of specialty bags and liners, \$14 million, metal foil and leaf, \$11 million, wrapping products other than

laminated or coated wrappers (gift wrap, etc) \$9 million; and letterpress printing of labels and wrappers, \$9 million.

Industry 2641 shipments of paper coating and glazing (primary products) in 1958 represented 81 percent (coverage ratio) of these products valued at \$805 million shipped by all industries. In 1954, the coverage ratio was 86 percent. Other industries reporting paper coating and glazing (primary products) consisted mainly of Industry 2643, Bags, Except Textile Bags, \$27 million; Industry 2649, Paper and Board Products, N.E.C., \$26 million; Industry 2621, Paper Mills, Except Building, more than \$20 million; and Industry 3291, Abrasive Products.

The lower coverage ratio in 1958 compared with the 1954 figure primarily results from changes in the Standard Industrial Classification system as described above and changes in the primary product specialization of a number of plants during this period.

### 2642—Envelopes

This industry comprises establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard (including interplant transfers). Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in Industry 2649.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2642 from code number 2651 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Envelopes Industry in 1958 totaled \$272 million. This included shipments of envelopes (primary products), valued at \$233 million, shipments of other products (secondary products) valued at \$17 million, resales of \$13 million and other miscellaneous receipts of \$9 million.

This industry's shipments of envelopes (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 96 percent. Secondary products shipped by this industry in 1958 consisted mainly of stationery, tablets, and related products, \$6 million; and specialty bags and liners, \$4 million.

Industry 2642 shipments of envelopes (primary products) in 1958 represented 94 percent (coverage ratio) of these products valued at \$247 million shipped by all industries. In 1954, the coverage ratio was 92 percent. Other industries shipping envelopes (primary products) consisted mainly of Industry 2649, Paper and Board Products, N.E.C., \$5 million.

### Industry 2643—Bags, Except Textile Bags

This industry comprises establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar



sheet or film materials (including interplant transfers). For a detailed list of products of Industry 2643, refer to table 6A, product codes 2643111 to 2643351.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2643 from code number 2661 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Bags, except textile bags, Industry in 1958 totaled \$909 million. This included shipments of bags, except textile bags (primary products), valued at \$771 million, shipments of other products (secondary products) valued at \$112 million, resales of \$20 million, and other miscellaneous receipts of \$6 million.

This industry's shipments of bags, except textile bags (primary products) in 1958 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary products shipped by this industry in 1958 consisted mainly of labels and wrappers, letterpress printing, \$21 million; laminated or coated wrappers, \$14 million; textile bags from purchased fabric, \$16 million; 26493, Sanitary tissuehealth products, \$8 million; 26416, Other coated and processed paper, \$7 million; and 34970, Metal foil and leaf, \$6 million.

Industry 2643 shipments of bags, except textile bags (primary products) in 1958 represented 89 percent (coverage ratio) of these products valued at \$869 million shipped by all industries. In 1954, the coverage ratio was 88 percent. Other industries shipping bags, except textile bags (primary products) consisted mainly of Industry 2393, Textile Bags, \$22 million; Industry 2649, Converted Paper and Board Products, N.E.C., \$17 million; Industry 2641, Paper Coating and Glazing, \$14 million; Industry 2653, Corrugated Shipping Containers, \$5 million; and Industry 2642, Envelopes, \$4 million.

#### 2644—Wallpaper

This industry comprises establishments primarily engaged in designing, printing, and embossing paper for interior walls, and ceilings. Establishments primarily engaged in manufacturing wall cloth from textile fabrics are classified in Industry 2299. For a detailed list of products of Industry 2644, refer to table 6A, product codes 2644011 to 2644055.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2644 from code number 2693 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Wallpaper industry in 1958 totaled \$41 million. This included shipments of wallpaper (primary products), valued at \$35 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts (mainly resales) of \$3 million.

This industry's shipments of wallpaper in 1958 represented 93 percent of its total product shipments. The industry specialization (primary product) ratio in 1954 was 99 percent.

Industry 2644 shipments of wallpaper in 1958 represented 99 percent of these products valued at \$36 million shipped

by all industries. In 1954, the coverage ratio was 98 percent.

#### 2645—Die Cut Paper and Paperboard; and Cardboard

This industry comprises establishments primarily engaged in die cutting purchased paper and paperboard (including interplant transfers), and in manufacturing cardboard by laminating, lining, or surface coating paperboard. For a detailed list of products of Industry 2645, refer to table 6A, product codes 2645111 to 2645210.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2645 from code number 2691 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Die cut Paper and Board Industry in 1958 totaled \$251 million. This included shipments of die cut paper and board (primary products), valued at \$212 million, shipments of other products (secondary products) valued at \$18 million, resales of \$13 million and other miscellaneous receipts of \$8 million.

This industry's shipments of die cut paper and board (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization (primary product) ratio in 1954 was 88 percent. Secondary products shipped by this industry in 1958 consisted mainly of other general "job printing," letterpress, \$4 million; and other coated and processed papers, \$3 million.

Industry 2645 shipments of die cut paper and board (primary products) in 1958 represented 80 percent (coverage ratio) of these products valued at \$265 million shipped by all industries. In 1954, the coverage ratio was 82 percent. Other industries shipping die cut paper and board (primary products) consisted mainly of Industry 2654, Sanitary Food Containers, an amount in excess of \$10 million; Industry 2649, Paper and Board Products, N.E.C., \$6 million; Industry 2631, Paperboard Mills, \$5.5 million; Industry 2641, Paper Coating and Glazing, \$4 million; and Industry 2651, Folding Paperboard Boxes, also \$4 million.

#### 2646—Pressed and Molded Pulp Goods

This industry comprises establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods. For a detailed list of products of Industry 2646, refer to table 6A, product codes 2646111 to 2646298.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2646 from code number 2694 in the previous classification system, but were not changed as to content.

Value of shipments and other receipts of the Pressed and Molded Pulp Goods Industry in 1958 totaled \$79 million. This included shipments of pressed and molded pulp goods (primary products), valued at \$77 million, shipments of other products (secondary products) valued at \$1 million, and miscellaneous receipts of \$1 million.

This industry's shipments of pressed and molded pulp goods (primary products) in 1958 represented 99 percent (specialization ratio) of its total product shipments (prima-



ry and secondary). The industry specialization (primary product) ratio in 1954 was also 99 percent.

Industry 2646 shipments of pressed and molded pulp goods (primary products) in 1958 represented 96 percent (coverage ratio) of these products valued at \$80 million shipped by all industries. In 1954, the coverage ratio was 93 percent.

#### 2649—Converted Paper and Paperboard Products, N.E.C.

This industry comprises establishments primarily engaged in manufacturing from purchased paper or paperboard (including interplant transfers) miscellaneous converted paper or paperboard products, n.e.c.

The principal products of this industry are: stationery, tablets and related products; sanitary tissue health products; sanitary napkins and tampons; wrapping products such as gift wrap and creped wadding; patterns, business machine supplies, tiled and laminated wallboard, unprinted tags, and other miscellaneous paper and board products. For a detailed list of products of Industry 2649, refer to table 6A, product codes 2649111 to 2649598.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2649 from code number 2699 in the previous classification system and were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

The most significant change in the composition of this industry from the previous classification system was the assignment of separate industry status (as new SIC Industry 2654) to Sanitary Food Containers. The products making up the new Industry 2654 were formerly considered primary products of this industry and composed old product class 26993, Sanitary food containers, as well as part of old product class 26995, Food serving paper and paperboard products. As shown in table 1A, this change had the effect of removing from the 1958 statistics of Industry 2649 a total of 135 establishments with 29,374 employees, the activities of which accounted for \$308 million in value added from manufacturing. This transfer of establishments to new Industry 2654 was offset in small part by the reclassification in this industry of sanitary napkins and tampons, formerly considered primary products of Industry 3842, Surgical Appliances and Supplies.

In addition, playing cards and printed tags, labels and seals, formerly classified in this industry, are now considered primary to Industries 2751 and 2752, Printing: Letterpress, and Printing: Lithographic, respectively, depending upon the primary printing process employed. Corrugated paperboard sheets (including pallets, pads, and partitions), formerly classified in this industry, are now included in Industry 2653, Corrugated Shipping Containers; and waterproofing, moisture proof, and vapor barrier paper, together with laminations of paper to other sheet materials, are now considered primary to Industry 2641, Paper Coating and Glazing.

Value of shipments and other receipts of the Paper and Board Products, N.E.C., Industry in 1958 totaled \$1,245 million. This included shipments of converted paper and paperboard products, n.e.c. (primary products), valued at \$1,079 million, shipments of other products (secondary products) valued at \$105 million, resales of \$50 million, and other miscellaneous receipts (mainly contract work on materials owned by others) of \$11 million.

This industry's shipments of converted paper and paperboard products, n.e.c. (primary products) in 1958 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of oiled, waxed, and wax-laminated paper, \$16 million; labels and wrappers, and other letterpress printing, \$15 million; grocers' and variety bags, \$13 million; office supplies and miscellaneous die-cut products, \$6 million; gummed products, \$5 million; and envelopes, also \$5 million.

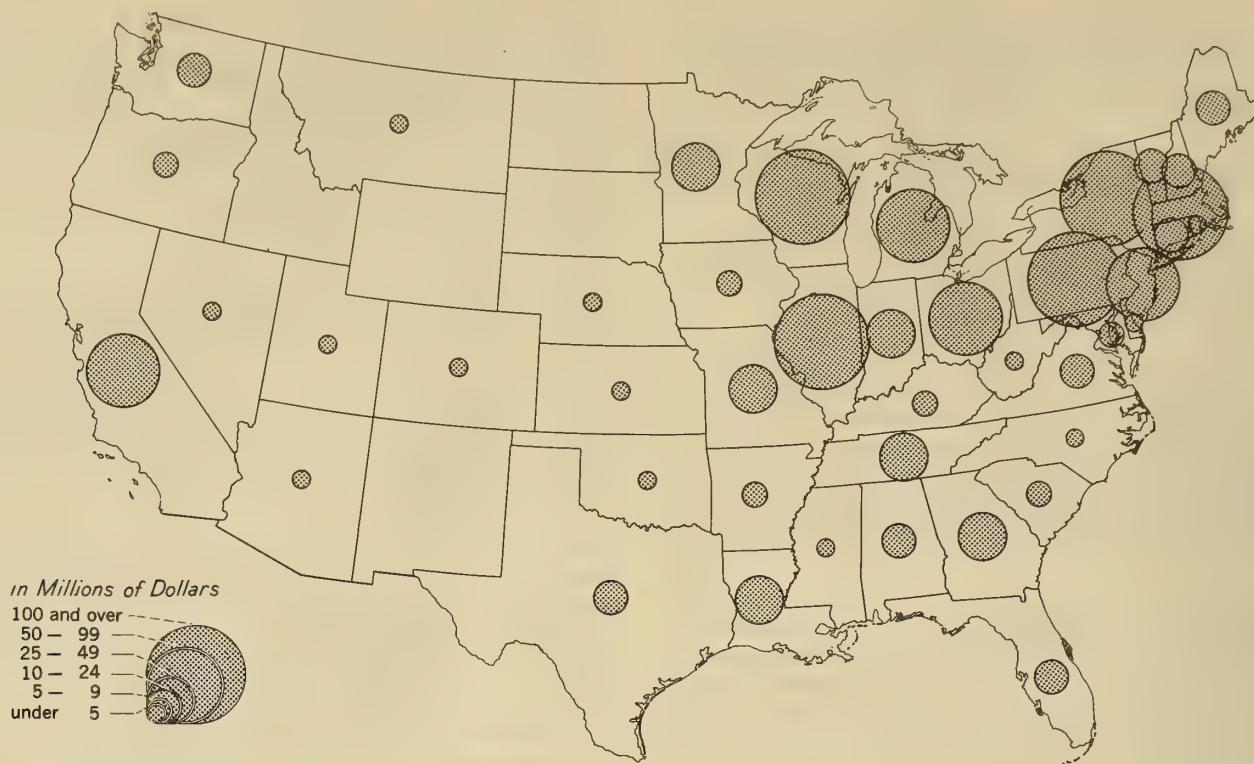
Industry 2649 shipments of converted paper and paperboard products, n.e.c. (primary products) in 1958 represented 92 percent (coverage ratio) of these products valued at \$1,171 million shipped by all industries. Other industries shipping converted paper and paperboard products, n.e.c. (primary products) consisted mainly of Industry 2641, Paper Coating and Glazing, \$17 million; Industry 2643, Bags, Except Textile Bags, \$15 million; Industry 2751, Printing: Letterpress, \$9 million; Industry 2771, Greeting Cards, \$7 million; Industry 2642, Envelopes, \$6 million and Industry 2654, Sanitary Food Containers.

The higher coverage ratio in 1958 compared with the 1954 figure primarily results from changes in the Standard Industrial Classification system as described above.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES: SIC 264

Value Added by Manufacture by State: 1958



Includes Industries 2641, 2642, 2643, 2644, 2645, 2646 and 2649. See Table 2.

Bureau of the Census M-58-D264



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>1</sup>	Cost of materials	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization ratio <sup>4</sup> (per cent)	Coverage ratio <sup>5</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2643 (old SIC 2651)	Paper coating and glazing:														
	1958.....	201	340	176	27,794	143,476	20,652	43,399	94,206	319,588	486,653	805,185	16,827	84	81
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	28,104	142,864	21,156	44,122	93,204	350,201	477,045	816,712	17,472	86	86
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	27,211	132,122	20,704	44,141	89,602	339,913	439,399	776,659	22,214	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	26,209	122,599	20,551	43,805	85,355	321,096	401,684	718,224	15,790	(NA)	(NA)
	1954 <sup>6</sup> .....	243	277	132	25,197	111,241	20,017	42,091	80,101	284,969	355,516	639,173	15,240	85	86
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	20,880	87,549	15,856	34,673	58,688	165,837	288,167	454,004	8,838	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	21,370	85,690	16,476	36,007	58,954	170,231	318,846	489,077	12,339	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	21,186	76,757	16,795	36,638	54,898	151,411	276,511	427,922	7,658	(NA)	(NA)
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	21,040	72,063	16,432	35,415	49,335	124,345	224,367	348,712	9,551	(NA)	(NA)
	1947.....	(NA)	182	119	22,269	70,661	17,733	38,967	50,047	126,840	225,497	401,371	10,072	87	92
2643 (old SIC 2651)	Envelopes:														
	1958.....	172	205	146	17,757	84,566	14,303	29,445	58,156	138,318	133,249	271,631	6,430	92	94
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	18,789	89,272	14,837	29,972	58,784	152,793	124,230	271,588	(S)	93	96
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	18,057	79,417	14,514	29,473	54,160	137,323	117,466	251,187	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,566	70,740	13,501	27,639	47,824	120,416	103,960	219,734	(S)	(NA)	(NA)
	1954 <sup>6</sup> .....	170	196	144	15,902	63,044	13,019	26,517	43,516	102,799	102,985	205,258	6,942	96	92
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,213	61,085	13,473	28,651	44,244	98,838	95,012	193,850	4,051	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,092	59,997	13,313	27,521	41,587	94,569	84,928	179,497	(S)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,726	60,017	13,912	(NA)	41,607	107,800	91,987	199,787	(NA)	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	15,376	50,441	12,640	(NA)	34,914	86,532	72,806	159,338	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	14,725	45,573	12,225	(NA)	31,557	77,601	68,924	146,525	(NA)	(NA)	(NA)
	1947.....	142	164	119	13,797	39,191	11,543	24,898	27,656	68,253	60,093	128,346	5,338	92	95
	1939.....	(NA)	169	(NA)	11,161	15,827	8,689	(NA)	9,597	25,495	24,623	50,118	(NA)	(NA)	(NA)
	1937.....	(NA)	162	(NA)	11,202	14,767	9,511	(NA)	10,503	26,183	25,107	51,290	(NA)	(NA)	(NA)
	1935.....	(NA)	166	(NA)	10,679	13,306	9,038	(NA)	9,087	22,718	20,900	43,618	(NA)	(NA)	(NA)
	1933.....	(NA)	163	(NA)	9,395	9,147	7,981	(NA)	6,755	17,978	15,918	33,896	(NA)	(NA)	(NA)
	1931.....	(NA)	162	(NA)	(NA)	(NA)	8,924	(NA)	9,658	24,491	22,452	46,943	(NA)	(NA)	(NA)
	1929.....	(NA)	171	(NA)	12,394	16,951	10,367	(NA)	11,527	31,359	29,928	61,287	(NA)	(NA)	(NA)
	1927.....	(NA)	153	(NA)	11,463	14,931	9,745	(NA)	10,755	27,033	28,973	56,006	(NA)	(NA)	(NA)
	1925.....	(NA)	135	(NA)	10,716	13,721	9,052	(NA)	9,987	23,766	27,423	51,189	(NA)	(NA)	(NA)
	1923.....	(NA)	132	(NA)	10,980	13,382	9,241	(NA)	9,525	23,224	27,528	50,752	(NA)	(NA)	(NA)
	1921.....	(NA)	123	(NA)	9,429	11,553	7,944	(NA)	8,181	19,858	24,052	43,910	(NA)	(NA)	(NA)
	1919.....	(NA)	106	(NA)	9,460	9,448	8,129	(NA)	6,650	17,699	21,965	39,664	(NA)	(NA)	(NA)
	1914.....	(NA)	90	(NA)	8,007	4,698	6,970	(NA)	3,378	8,246	10,235	18,481	(NA)	(NA)	(NA)
	1909.....	(NA)	78	(NA)	(NA)	(NA)	5,303	(NA)	2,226	5,887	7,567	13,454	(NA)	(NA)	(NA)
	1904.....	(NA)	72	(NA)	4,827	2,213	4,298	(NA)	1,630	4,247	5,975	10,222	(NA)	(NA)	(NA)
	1899.....	(NA)	51	(NA)	3,297	1,467	2,984	(NA)	1,150	2,634	3,665	6,299	(NA)	(NA)	(NA)
2643 (old SIC 2661)	Bags, except textile bags:														
	1958.....	379	461	251	39,042	169,888	31,667	63,197	122,343	308,874	601,838	908,521	17,747	87	89
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	37,630	162,176	30,839	62,706	115,119	318,851	543,749	851,983	26,006	92	90
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	36,857	149,052	30,292	60,930	107,314	293,453	505,431	790,739	20,946	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	34,337	133,003	28,513	58,461	97,314	237,395	459,556	692,890	19,374	(NA)	(NA)
	1954 <sup>6</sup> .....	326	381	203	33,326	121,116	27,773	56,227	89,530	216,090	425,548	639,355	18,901	91	88
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	29,036	103,232	24,825	50,188	77,700	193,944	360,287	554,231	13,415	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	29,102	98,103	25,222	50,734	74,899	194,125	371,008	565,133	13,842	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	31,189	98,891	27,227	(NA)	76,216	209,910	417,699	627,609	(NA)	(NA)	(NA)
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	26,805	81,115	23,202	(NA)	62,343	146,171	277,761	423,932	(NA)	(NA)	(NA)
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	23,841	69,179	20,412	(NA)	55,559	128,153	225,533	353,686	(NA)	(NA)	(NA)
	1947.....	160	192	124	22,230	53,774	19,527	41,416	42,265	119,074	200,854	319,928	9,189	96	86
	1939.....	(NA)	119	(NA)	12,703	14,934	11,081	(NA)	10,629	31,812	53,964	85,776	(NA)	(NA)	(NA)
	1937.....	(NA)	107	(NA)	11,379	12,594	10,360	(NA)	9,850	29,034	53,424	82,458	(NA)	(NA)	(NA)
	1935.....	(NA)	107	(NA)	10,043	10,493	9,120	(NA)	8,038	23,798	41,766	65,564	(NA)	(NA)	(NA)
	1933.....	(NA)	96	(NA)	8,467	7,158	7,665	(NA)	5,813	20,083	29,296	49,379	(NA)	(NA)	(NA)
	1931.....	(NA)	95	(NA)	(NA)	(NA)	6,836	(NA)	6,423	20,864	33,427	54,291	(NA)	(NA)	(NA)
	1929.....	(NA)	95	(NA)	7,843	9,009	6,970	(NA)	6,661	21,383	43,238	64,621	(NA)	(NA)	(NA)
	1927.....	(NA)	88	(NA)	7,296	8,506	6,463	(NA)	6,394	16,755	40,735	57,490	(NA)	(NA)	(NA)
	1925.....	(NA)	66	(NA)	6,260	7,162	5,585	(NA)	5,524	16,021	29,957	45,978	(NA)	(NA)	(NA)
	1923.....	(NA)	64	(NA)	5,541	6,610	4,686	(NA)	4,587	12,897	29,375	42,272	(NA)	(NA)	(NA)
	1921.....	(NA)	57	(NA)	4,421	5,091	3,707	(NA)	3,475	11,393	29,797	41,190	(NA)	(NA)	(NA)
	1919.....	(NA)	75	(NA)	5,046	5,838	4,168	(NA)	3,663	13,914	33,350	47,264	(NA)	(NA)	(NA)
	1914.....	(NA)	59	(NA)	4,130	2,572	3,505	(NA)	1,659	5,402	12,201	17,603	(NA)	(NA)	(NA)
	1909.....	(NA)	74	(NA)	3,641	2,020	3,212	(NA)	1,306	5,343	10,355	15,698	(NA)	(NA)	(NA)
	1904.....	(NA)	62	(NA)	2,833	1,335	2,473	(NA)	930	3,492	6,595	10,087	(NA)	(NA)	(NA)
	1899.....	(NA)	63	(NA)	2,329	997	1,989	(NA)	628	2,300	4,499	6,799	(NA)	(NA)	(NA)

See footnotes at end of table.

Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization ratio <sup>4</sup>	Coverage ratio <sup>5</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2644 (old SIC 2693)	Wallpaper:														
	1958.....	70	73	29	2,806	13,417	2,095	4,374	9,063	21,463	19,505	40,840	416	93	99
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	2,255	10,259	1,687	3,310	7,015	16,845	15,396	32,885	523	94	100
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	2,746	12,725	2,168	4,506	8,709	20,454	17,419	37,250	1,355	(NA)	(NA)
	1954.....	71	76	37	3,636	14,330	2,926	6,038	10,325	19,401	20,850	39,912	526	99	98
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,403	15,881	3,651	(NA)	11,934	20,822	24,247	45,069	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,988	17,400	4,169	(NA)	12,996	29,347	27,472	56,819	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	4,827	15,968	4,060	(NA)	10,748	19,925	21,671	41,596	(NA)	(NA)	(NA)
	1949 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,802	15,324	4,043	(NA)	11,232	25,919	23,251	49,170	(NA)	(NA)	(NA)
	1947.....	50	58	45	5,462	16,287	4,771	10,696	12,222	32,732	26,163	58,895	5,994	98	100
	1939.....	(NA)	46	(NA)	4,885	7,655	4,054	(NA)	5,333	13,273	11,696	24,969	(NA)	(NA)	(NA)
	1937.....	(NA)	42	(NA)	5,171	7,114	4,543	(NA)	5,455	14,852	11,920	26,772	(NA)	(NA)	(NA)
	1935.....	(NA)	40	(NA)	4,888	5,982	4,265	(NA)	4,486	9,768	9,890	19,658	(NA)	(NA)	(NA)
	1933.....	(NA)	39	(NA)	3,706	3,942	3,239	(NA)	3,116	8,949	6,851	15,800	(NA)	(NA)	(NA)
	1931.....	(NA)	50	(NA)	(NA)	(NA)	3,734	(NA)	3,994	11,044	9,150	20,194	(NA)	(NA)	(NA)
	1929.....	(NA)	56	(NA)	5,420	8,283	4,705	(NA)	5,732	16,528	13,480	30,008	(NA)	(NA)	(NA)
	1927.....	(NA)	53	(NA)	5,637	8,269	4,811	(NA)	5,981	15,447	14,612	30,059	(NA)	(NA)	(NA)
	1925.....	(NA)	49	(NA)	5,806	8,036	5,069	(NA)	5,863	15,070	14,999	30,069	(NA)	(NA)	(NA)
	1923.....	(NA)	51	(NA)	6,142	8,594	5,412	(NA)	6,221	17,765	16,991	34,756	(NA)	(NA)	(NA)
	1921.....	(NA)	43	(NA)	4,623	6,794	3,988	(NA)	4,982	12,812	16,336	29,148	(NA)	(NA)	(NA)
	1919.....	(NA)	48	(NA)	5,095	5,650	4,262	(NA)	3,882	9,895	13,153	23,048	(NA)	(NA)	(NA)
	1914.....	(NA)	48	(NA)	5,684	4,221	4,738	(NA)	2,703	7,351	8,536	15,887	(NA)	(NA)	(NA)
	1909.....	(NA)	45	(NA)	4,736	3,093	4,037	(NA)	2,039	6,826	7,623	14,449	(NA)	(NA)	(NA)
	1904.....	(NA)	44	(NA)	4,410	2,560	3,913	(NA)	1,868	5,979	6,658	12,637	(NA)	(NA)	(NA)
	1899.....	(NA)	51	(NA)	4,684	2,891	4,172	(NA)	2,074	4,590	6,073	10,663	(NA)	(NA)	(NA)
2645 (old SIC 2691)	Die cut paper and board:														
	1958.....	343	372	118	12,209	58,512	9,441	18,538	39,122	111,164	139,070	251,364	5,836	92	80
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,661	62,513	11,078	22,156	42,660	119,053	128,049	244,613	(S)	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,704	59,349	11,240	22,683	41,929	110,175	128,795	237,905	11,292	(S)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	13,264	53,571	10,847	21,799	39,233	111,913	125,086	235,526	(S)	(NA)	(NA)
	1954.....	337	352	115	12,260	47,940	9,933	19,677	34,633	99,714	116,865	216,328	6,424	88	82
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,255	61,446	12,787	26,102	43,403	117,198	112,706	229,904	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	11,885	46,310	9,438	21,992	34,463	88,074	82,471	170,545	(NA)	(NA)	(NA)
	1947.....	(NA)	208	83	9,281	25,478	7,739	14,771	18,864	50,224	47,431	97,655	2,052	(NA)	(NA)
	1939.....	(NA)	121	(NA)	5,670	8,861	4,354	(NA)	5,454	17,194	16,070	33,264	(NA)	(NA)	(NA)
	1937.....	(NA)	115	(NA)	(NA)	(NA)	5,046	(NA)	6,064	18,524	15,520	34,044	(NA)	(NA)	(NA)
2646 (old SIC 2694)	Pressed and molded pulp goods:														
	1958.....	46	55	28	4,472	21,254	3,697	7,781	15,929	49,819	30,157	78,780	2,170	99	96
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	3,378	17,027	2,854	6,234	13,298	41,678	22,022	62,040	7,274	98	94
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	3,147	15,058	2,686	5,824	12,010	38,004	18,761	54,789	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	2,889	12,687	2,507	5,261	10,184	31,773	15,390	46,342	(S)	(NA)	(NA)
	1954.....	25	29	16	2,882	11,630	2,401	5,018	9,111	26,012	16,921	42,381	3,215	100	93
	1950 <sup>6</sup> .....	(NA)	(NA)	(NA)	2,910	10,234	2,633	(NA)	8,235	20,138	11,484	31,622	(NA)	(NA)	(NA)
	1947.....	19	19	10	1,748	4,910	1,482	3,224	3,870	9,672	6,519	16,191	1,046	95	86
	1939.....	(NA)	14	(NA)	856	1,081	701	(NA)	819	2,304	1,522	3,826	(NA)	(NA)	(NA)
	1937.....	(NA)	10	(NA)	(NA)	(NA)	819	(NA)	873	2,567	1,475	4,042	(NA)	(NA)	(NA)
2649 (old SIC 2649)	Paper and Board Products, NEC: <sup>7</sup>														
	1958.....	679	739	324	46,892	213,489	37,353	71,999	145,481	463,668	784,618	1,245,092	26,504	91	92

See footnotes on next page.



Footnotes for Table 1—26B

NA Not available. <sup>r</sup>Revised.

<sup>S</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Cost of Materials, etc. (\$1,000)		Value of shipments (\$1,000)	
		1958	1954	1958	1954
2641	282,067	470,798	340,124	787,147	622,192
2642	101,430	121,451	93,910	258,740	195,341
2643	211,688	584,880	411,379	888,530	623,068
2644	19,005	17,599	20,662	38,464	39,668
2645	97,964	128,021	100,509	238,152	206,652
2646	25,439	29,624	16,185	78,208	42,293
2649	584,323	740,713	799,293	1,194,814	1,427,622

<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>6</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>7</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.)

Industry	Composition of new industry				Totals for industry on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2649—Paper and board products, nec.....	739	324	46,892	463,668	xxx	xxx	xxx	xxx
Old Industry 2699—Paper and board products, nec <sup>1</sup> .....	<sup>r</sup> 726	<sup>r</sup> 313	<sup>r</sup> 43,181	<sup>r</sup> 412,206	<sup>r</sup> 981	<sup>r</sup> 516	<sup>r</sup> 81,298	<sup>r</sup> 1802,626
Old Industry 3842—Surgical appliances and supplies...	10	9	3,245	49,559	571	153	<sup>r</sup> 25,071	<sup>r</sup> 279,700
Other Industries <sup>2</sup> .....	3	2	466	1,903	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>As noted in the text, the establishments remaining in the Paper and Board Products, NEC Industry exclude those primarily engaged in manufacturing sanitary food containers. This latter group which is now classified in New Industry 2654 represents 135 establishments in all (124 of these employing 20 or more persons), with an aggregate employment of 29,374 and total value added by manufacturing of \$307,926(000). The other reclassifications out of old SIC Industry 2699 (to Industries 2641, 2751 and 2752—see text) affected value added by less than 10 percent.

<sup>2</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2641	Paper coating and glazing, total.....	340	176	27,794	143,476	20,652	43,399	94,206	319,588	805,185	16,827	25,197	282,067	22,269
	New England.....	68	39	4,704	24,065	3,509	7,573	15,272	45,049	112,723	3,014	4,182	29,773	4,613
	Vermont.....	6	5	375	1,579	327	749	1,230	2,951	10,816	(2)	...	...	...
	Massachusetts....	46	26	2,539	13,123	1,894	3,962	8,031	26,500	64,391	2,224	2,313	14,802	2,033
	Middle Atlantic...	115	45	5,891	29,780	4,192	8,523	18,386	84,994	187,456	3,609	4,981	63,169	3,637
	New York.....	64	19	2,051	9,778	1,604	3,194	6,509	19,417	46,743	1,132	1,818	15,371	1,191
	New Jersey.....	30	18	2,499	13,388	1,589	3,338	7,523	30,594	84,089	715	2,020	22,843	1,562
	Pennsylvania....	21	8	1,341	6,614	999	1,991	4,354	34,983	56,624	1,762	1,141	24,955	885
	East North Central	85	54	12,477	65,890	9,581	20,265	45,857	116,218	234,200	6,732	10,404	85,580	7,115
	Ohio.....	27	17	3,363	18,109	2,514	5,261	12,421	33,936	83,809	2,084	3,243	31,081	1,412
	Indiana.....	6	3	211	929	166	335	638	2,613	7,076	(2)	104	729	(D)
	Illinois.....	26	14	1,896	10,529	1,290	2,621	5,647	14,642	46,978	1,194	1,902	17,417	(D)
	Michigan.....	12	9	4,133	21,258	3,276	7,196	16,369	32,539	102,869	1,854	3,232	18,466	2,905
	Wisconsin.....	14	11	2,874	15,065	2,335	4,852	10,782	32,488	93,468	1,455	1,922	17,886	2,023
	West North Central	16	7	1,468	6,469	1,078	2,198	4,416	39,772	76,385	733	3,692	85,742	5,451
	South.....	26	16	1,662	8,026	1,139	2,386	4,205	15,459	43,544	820	606	5,030	351
	Pacific.....	30	15	1,592	9,246	1,153	2,454	6,070	18,096	50,877	1,909	1,331	12,770	1,102
2642	Envelopes, total....	205	146	17,757	84,566	14,303	29,445	58,156	138,318	271,631	6,430	15,902	101,430	13,797
	New England.....	22	13	2,987	12,943	2,446	4,825	9,524	19,471	45,789	797	2,461	12,950	2,979
	Middle Atlantic...	58	37	3,721	17,608	3,092	6,347	12,666	29,001	56,750	1,313	3,425	21,704	2,976
	New York.....	43	28	2,604	12,341	2,181	4,471	8,984	20,082	40,177	1,009	2,448	15,836	2,158
	New Jersey.....	5	3	480	2,257	394	843	1,665	4,258	8,697	(2)	307	1,969	205
	Pennsylvania....	10	6	637	3,010	517	1,033	2,017	4,661	7,876	(2)	670	3,898	613
	East North Central	45	34	4,968	24,882	4,023	8,344	17,237	37,877	72,444	1,761	4,905	31,270	4,376
	Ohio.....	11	8	1,725	8,066	1,456	3,007	6,057	12,388	24,323	(2)	1,795	11,294	1,691
	Illinois.....	20	16	2,185	11,266	1,773	3,750	7,867	16,783	31,947	711	2,098	13,435	1,893
	Michigan.....	6	5	540	3,215	385	796	1,725	4,895	8,555	(2)	438	3,161	389
	West North Central	23	18	2,260	10,832	1,750	3,598	6,813	18,311	32,597	711	2,008	13,652	1,649
	Minnesota.....	8	6	658	3,020	522	960	1,952	5,218	8,990	(2)	525	3,607	414
	Missouri.....	10	9	1,368	6,633	1,047	2,231	4,107	10,855	19,094	415	1,276	8,405	1,096
	South Atlantic....	15	14	1,235	5,533	997	2,130	3,630	9,925	20,223	(2)	1,098	6,884	(D)
	Georgia.....	4	4	340	1,540	278	578	986	3,119	6,229	(2)	...	...	...
	East South Central	5	4	293	1,014	256	569	788	1,766	3,785	(2)	224	1,034	(D)
	West South Central	11	8	636	2,779	481	1,034	1,763	5,240	10,298	(2)	442	2,994	150
	West.....	26	18	1,657	8,975	1,258	2,598	5,735	16,727	29,745	1,018	1,337	10,940	999
2643	Bags, except textile bags, total...	461	251	39,042	169,888	31,667	63,197	122,343	308,874	908,521	17,747	33,326	211,688	22,230
	New England.....	23	13	1,212	4,607	908	1,631	3,050	10,462	26,155	(2)	1,696	8,961	727
	Massachusetts....	17	11	1,134	4,346	847	1,515	2,892	9,837	24,657	(2)	1,580	7,860	564
	Middle Atlantic...	148	69	7,287	34,328	5,538	11,373	21,504	66,071	167,480	3,682	6,070	43,256	6,349
	New York.....	106	48	4,890	21,978	3,722	7,554	13,638	40,969	104,683	2,234	3,644	25,069	3,973
	New Jersey.....	18	9	975	5,376	681	1,463	2,855	9,667	24,294	561	1,006	7,384	555
	Pennsylvania....	24	12	1,422	6,974	1,135	2,356	5,011	15,435	38,503	887	1,419	10,801	1,821
	East North Central	102	48	7,190	32,127	5,579	11,219	21,383	59,995	153,964	3,775	5,684	35,721	4,457
	Ohio.....	28	14	2,954	14,183	2,180	4,199	8,730	23,502	65,859	1,678	2,598	17,043	2,320
	Indiana.....	8	6	1,069	3,944	876	1,772	2,861	7,358	16,972	(2)	...	...	...
	Illinois.....	48	23	2,473	11,154	2,008	4,188	7,719	22,346	53,464	1,449	1,902	13,132	1,259
	West North Central	28	21	3,177	13,795	2,256	4,685	8,454	23,359	71,191	1,302	2,266	14,312	787
	Missouri.....	15	13	2,201	9,370	1,630	3,353	5,737	15,205	46,641	1,051	1,570	7,475	(D)
	South Atlantic....	52	33	8,138	32,976	6,990	13,690	26,159	51,548	190,746	2,017	7,348	45,807	3,558
	Maryland.....	6	4	235	1,013	199	408	670	2,525	6,077	(2)	...	...	...
	Virginia.....	8	8	1,192	4,465	1,039	2,101	3,555	7,716	28,726	(2)	1,210	7,182	644
	Georgia.....	12	7	2,898	12,221	2,535	4,928	9,865	18,222	75,259	(2)	2,861	15,632	(D)
	Florida.....	13	4	2,513	10,693	2,145	4,129	8,708	13,330	51,765	631	2,358	16,308	...
	East South Central	20	15	4,023	16,313	3,516	7,155	13,334	30,290	86,398	1,131	2,925	16,750	2,047
	Alabama.....	6	5	2,171	9,969	1,899	3,858	8,372	20,210	57,469	(2)	2,334	12,927	(D)
	West South Central	31	22	4,156	17,907	3,689	7,217	15,063	35,607	111,472	3,321	4,327	25,697	2,765
	Arkansas.....	6	5	1,100	4,408	993	1,772	4,005	6,630	23,220	(2)	1,169	9,049	(D)
	Louisiana.....	12	11	2,525	11,145	2,280	4,576	9,435	23,901	74,505	2,757	2,344	11,228	1,555
	West.....	57	30	3,859	17,835	3,191	6,227	13,396	31,542	101,115	2,067	3,008	21,181	1,540
	California.....	43	21	2,752	13,243	2,261	4,511	9,976	22,972	74,133	1,480	1,969	14,274	1,038
2644	Wallpaper, total....	73	29	2,806	13,417	2,095	4,374	9,063	21,463	40,840	(2)	3,636	19,005	5,462
	New England.....	5	3	214	1,060	156	313	696	1,900	3,144	(2)	273	1,687	3,144
	Middle Atlantic...	45	13	1,553	7,642	1,158	2,479	5,079	11,637	21,114	(2)	1,705	9,514	...
	North Central....	17	12	937	4,181	700	1,391	2,933	6,694	14,772	(2)	1,597	7,316	(D)
	Illinois.....	10	9	722	3,160	518	1,019	2,134	4,641	10,716	(2)	1,284	5,557	1,735
	South and West....	6	1	102	534	81	191	355	1,232	1,810	(2)	...	...	...
2645	Die cut paper and board, total.....	372	118	12,209	58,512	9,441	18,538	39,122	111,164	251,364	5,836	12,260	97,964	9,281
	New England.....	28	7	515	2,064	378	719	1,328	3,676	9,862	(2)	616	3,482	558
	Massachusetts....	20	6	411	1,649	293	559	997	3,218	7,078	(2)	509	3,130	423
	Middle Atlantic...	176	49	5,601	27,744	4,272	8,375	17,566	49,189	100,386	1,498	5,257	46,316	4,238
	New York.....	123	35	4,578	22,665	3,517	6,924	14,388	39,489	75,397	1,079	4,266	38,635	3,701
	New Jersey.....	34	11	812	4,341	587	1,183	2,689	8,274	22,383	(2)	855	6,798	186
	Pennsylvania....	19	3	211	738	168	268	489	1,426	2,606	(2)	135	881	351

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted	Value of shipments	Capital ex- pend- itures, new	All em- ployees, number	Value added by manufac- ture, unadjusted	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Die cut paper, etc.—Continued													
	North Central.....	109	41	4,112	19,160	3,223	6,356	13,205	35,640	87,734	2,185	4,982	32,372	3,805
	Ohio.....	15	4	358	1,484	303	575	1,165	3,341	6,478	(2)	402	2,880	940
	Michigan.....	20	9	928	5,078	676	1,373	3,292	8,453	21,055	(2)	...	...	...
	Wisconsin.....	11	6	274	1,147	221	423	735	2,068	6,036	(2)	367	2,395	(D)
	South and West....	59	21	1,981	9,544	1,568	3,088	7,023	22,659	53,382	2,009	1,404	15,792	680
2646	Pressed and molded pulp goods, total..	55	28	4,472	21,254	3,697	7,781	15,929	49,819	78,780	2,170	2,882	25,439	1,748
	New England.....	6	5	1,537	7,245	1,221	2,516	5,441	16,652	24,802	571	1,321	11,187	1,518
	Middle Atlantic...	17	6	1,105	5,281	899	1,832	3,795	12,195	22,535	(2)	634	5,721	
	North Central.....	20	12	1,476	7,071	1,280	2,791	5,388	15,559	23,129	798	708	6,178	230
	Wisconsin.....	4	4	291	1,252	243	482	1,005	3,505	4,962	(2)	...	...	
	South and West....	12	5	354	1,657	297	642	1,305	5,413	8,314	515	218	2,354	
2649	Paper and board products, nec, total.....	739	324	46,892	213,489	37,353	71,999	145,481	463,668	1,245,092	26,504	(3)	(3)	(3)
	New England.....	98	48	8,144	34,466	5,939	11,712	22,069	69,773	156,754	7,563	(3)	(3)	(3)
	Vermont.....	5	4	839	3,195	677	1,287	2,293	10,204	17,943	(2)	(3)	(3)	(3)
	Massachusetts....	67	32	5,448	23,030	3,723	7,327	13,092	43,678	84,479	2,002	(3)	(3)	(3)
	Connecticut.....	14	4	744	3,488	543	1,122	2,507	4,742	12,647	(D)	(3)	(3)	(3)
	Middle Atlantic...	272	113	15,692	71,372	12,781	23,047	47,048	160,822	410,154	6,086	(3)	(3)	(3)
	New York.....	180	66	7,875	34,476	6,809	11,980	23,920	80,235	193,358	2,856	(3)	(3)	(3)
	New Jersey.....	37	14	2,851	14,522	1,781	3,584	7,712	26,777	64,911	1,570	(3)	(3)	(3)
	Pennsylvania.....	55	33	4,966	22,374	4,191	7,483	15,416	53,810	151,885	1,660	(3)	(3)	(3)
	East North Central	165	87	13,196	62,841	10,409	21,517	44,894	141,185	386,291	6,597	(3)	(3)	(3)
	Ohio.....	32	19	1,756	7,982	1,190	2,381	4,409	14,780	32,672	1,819	(3)	(3)	(3)
	Indiana.....	20	13	855	3,073	675	1,332	2,260	5,459	10,549	(2)	(3)	(3)	(3)
	Illinois.....	51	23	2,504	12,999	1,909	3,946	8,558	29,531	69,081	1,235	(3)	(3)	(3)
	Michigan.....	23	7	2,040	9,121	1,637	3,220	6,958	25,367	51,198	1,011	(3)	(3)	(3)
	Wisconsin.....	39	25	6,041	29,666	4,998	10,638	22,709	66,048	222,791	2,314 <sup>9</sup>	(3)	(3)	(3)
	West North Central	32	13	1,748	7,438	1,337	2,668	4,870	12,976	28,733	614	(3)	(3)	(3)
	Minnesota.....	7	3	130	411	107	184	315	796	1,365	(2)	(3)	(3)	(3)
	Missouri.....	20	10	1,588	6,904	1,208	2,444	4,468	11,966	26,964	534	(3)	(3)	(3)
	South Atlantic....	38	16	1,495	6,531	1,169	2,278	3,910	11,207	26,025	1,029	(3)	(3)	(3)
	North Carolina..	6	3	120	410	91	179	258	799	1,826	(2)	(3)	(3)	(3)
	Georgia.....	11	5	754	3,491	572	1,119	1,815	6,499	12,931	(2)	(3)	(3)	(3)
	Florida.....	12	4	186	798	145	295	487	1,192	3,814	718	(3)	(3)	(3)
	East South Central	17	5	1,920	9,027	1,622	3,357	6,733	23,668	68,157	602	(3)	(3)	(3)
	West South Central	26	11	624	2,418	454	897	1,415	4,865	11,162	1,968	(3)	(3)	(3)
	Mountain.....	11	2	102	411	77	145	249	710	1,751	(2)	(3)	(3)	(3)
	Pacific.....	80	29	3,971	18,985	3,565	6,378	14,293	38,462	156,065	1,969	(3)	(3)	(3)
	Washington.....	5	3	1,651	8,141	1,740	2,837	6,621	15,301	79,677	(2)	(3)	(3)	(3)
	Oregon.....	8	3	340	1,461	277	529	1,144	2,100	9,597	(2)	(3)	(3)	(3)
	California.....	67	23	1,980	9,383	1,548	3,012	6,528	21,061	66,791	857	(3)	(3)	(3)

Note: Detailed figures may not add to the totals because of independent rounding. <sup>9</sup>Revised.<sup>D</sup> Withheld to avoid disclosing figures for individual companies.

<sup>1</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2641, Paper Coating and Glazing: New England—Maine, 1 (1-19); New Hampshire, 1 (1,000-2,499); Rhode Island, 5 (100-249); Connecticut, 9 (250-499); West North Central—Minnesota, 5 (500-999); Iowa, 2 (100-249); Missouri, 9 (250-499); South—Delaware, 1 (20-99); Maryland, 2 (1-19); Virginia, 2 (100-249); North Carolina, 5 (100-249); South Carolina, 2 (20-99); Georgia, 3 (250-499); Florida, 2 (1-19); Kentucky, 1 (20-99); Alabama, 1 (20-99); Louisiana, 2 (20-99); Texas, 5 (500-999); Pacific—Oregon, 3 (250-499); California, 27 (1,000-2,499).

SIC 2642, Envelopes: New England—Massachusetts, 19 (2,500-4,999); Connecticut, 3 (250-499); East North Central—Indiana, 3 (250-499); Wisconsin, 5 (100-249); West North Central—Iowa, 3 (100-249); Nebraska, 1 (100-249); Kansas, 1 (1-19); South Atlantic—Maryland, 4 (250-499); District of Columbia, 1 (20-99); Virginia, 2 (500-999); Florida, 4 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 2 (20-99); Alabama, 1 (20-99); Mississippi, 1 (100-249); West South Central—Louisiana, 1 (1-19); Texas, 10 (500-999); West—Colorado, 2 (100-249); Washington, 2 (100-249); Oregon, 1 (100-249); California, 2 (1,000-2,499).

SIC 2643, Bags, Except Textile Bags: New England—Maine, 2 (20-99); Rhode Island, 2 (20-99); Connecticut, 2 (1-19); East North Central—Michigan, 10 (250-499); Wisconsin, 8 (250-499); West North Central—Minnesota, 10 (250-499); Iowa, 1 (250-499); Nebraska, 1 (100-249); Kansas, 1 (20-99); South Atlantic—West Virginia, 4 (500-999); North Carolina, 3 (100-249); South Carolina, 6 (500-999); East South Central—Kentucky, 6 (500-999); Tennessee, 8 (1,005); West South Central—Oklahoma, 2 (1-19); Texas, 11 (500-999); West—Arizona, 2 (1-19); Utah, 1 (20-99); Washington, 6 (500-999); Oregon, 5 (100-249).

SIC 2644, Wallpaper: New England—Massachusetts, 2 (100-249); Connecticut, 3 (20-99); Middle Atlantic—New York, 31 (1,041); New Jersey, 4 (20-99); Pennsylvania, 10 (250-499); North Central—Ohio, 5 (100-249); Indiana, 1 (20-99); Missouri, 1 (1-19); South and West—Florida, 1 (1-19); California, 5 (20-99).

SIC 2645, Die Cut Paper and Board: New England—New Hampshire, 1 (1-19); Vermont, 1 (1-19); Rhode Island, 4 (20-99); Connecticut, 2 (1-19); North Central—Indiana, 4 (500-999); Illinois, 42 (1,000-2,499); Minnesota, 6 (250-499); Iowa, 3 (20-99); Missouri, 5 (20-99); Nebraska, 1 (1-19); Kansas, 2 (20-99); South and West—Maryland, 3 (20-99); District of Columbia, 2 (250-499); Virginia, 2 (100-249); West Virginia, 1 (1-19); North Carolina, 3 (20-99); South Carolina, 1 (1-19); Georgia, 2 (100-249); Florida, 4 (1-19); Alabama, 1 (1-19); Arkansas, 1 (1-19); Texas, 4 (100-249); Colorado, 3 (1-19); Washington, 2 (20-99); Oregon, 2 (1-19); California, 28 (500-799).

SIC 2646, Pressed and Molded Pulp Goods: New England—Maine, 2 (500-999); New Hampshire, 3 (250-499); Massachusetts, 1 (250-499); Middle Atlantic—New York, 10 (1,020); New Jersey, 2 (1-19); Pennsylvania, 5 (20-99); North Central—Ohio, 2 (100-249); Indiana, 3 (250-499); Illinois, 3 (500-999); Michigan, 4 (20-99); Minnesota, 2 (1-19); Missouri, 2 (100-249); South and West—Virginia, 1 (20-99); Florida, 1 (1-19); Texas, 2 (100-249); Wyoming, 1 (1-19); Washington, 1 (20-99); Oregon, 3 (20-99); California, 3 (20-99).

SIC 2649, Paper and Board Products, NEC: New England—Maine, 3 (500-999); New Hampshire, 8 (250-499); Rhode Island, 1 (1-19); West North Central—Iowa, 1 (1-19); Nebraska, 2 (20-99); Kansas, 2 (1-19); South Atlantic—Delaware, 1 (100-249); Maryland, 2 (100-249); District of Columbia, 1 (1-19); Virginia, 4 (100-249); West Virginia, 1 (1-19); East South Central—Kentucky, 5 (20-99); Tennessee, 9 (1,377); Alabama, 1 (250-499); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (20-99); Louisiana, 1 (20-99); Oklahoma, 3 (1-19); Texas, 20 (500-999); Mountain—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 5 (20-99); Arizona, 3 (20-99); Nevada, 1 (1-19).

<sup>2</sup> Less than \$500 thousand.

<sup>3</sup> Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

Table 3.-Detailed Statistics for the United States: 1958

Item	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Paper and board products, nec (SIC 2649)
Primary product specialization ratio <sup>1</sup> .....	84	92	87	93	92	99	91
Coverage ratio <sup>2</sup> .....	81	94	89	99	80	96	92
Number of establishments, total.....	340	205	461	73	372	55	739
With 1-19 employees.....	164	59	210	44	254	27	415
With 20-99 employees.....	111	81	138	19	89	16	217
With 100 employees or more.....	65	65	113	10	29	12	107
Proprietors and working partners.....Number..	85	42	126	14	177	15	260
All employees:							
Number (average for the year).....	27,794	17,757	39,042	2,806	12,209	4,472	46,892
Payroll.....\$1,000..	143,476	84,566	169,888	13,417	58,512	21,254	213,489
Production workers:							
Number (average for the year).....	20,652	14,303	31,667	2,095	9,441	3,697	37,353
March.....	20,573	14,368	31,255	1,880	9,358	3,510	35,346
May.....	20,481	14,141	30,978	2,081	9,348	3,641	35,417
August.....	20,711	14,174	32,038	2,164	9,354	3,839	36,452
November.....	20,861	14,438	32,069	2,257	9,819	3,823	36,770
Man-hours.....1,000..	243,399	29,445	63,197	4,374	18,538	7,781	71,999
January-March.....do....	10,826	7,457	15,353	995	4,635	1,849	17,584
April-June.....do....	10,671	7,376	15,458	1,041	4,508	1,927	17,857
July-September.....do....	10,643	6,998	15,761	1,101	4,446	1,955	17,878
October-December.....do....	11,158	7,537	16,492	1,216	4,876	2,037	18,680
Wages.....\$1,000..	94,206	58,156	122,343	9,063	39,122	15,929	145,481
Cost of materials, etc., total.....do....	486,653	133,249	601,838	19,505	139,070	30,157	784,618
Materials, parts, containers, and supplies consumed.....do....	454,686	117,912	570,255	16,370	125,344	25,703	731,118
Cost of resales.....do....	15,855	11,798	16,958	1,906	11,049	533	43,905
Fuels consumed.....do....	5,677	564	1,652	380	559	2,131	3,420
Electricity purchased.....do....	3,582	1,173	2,650	269	854	1,746	3,442
Contract work.....do....	6,853	1,802	2,900	1,047	1,264	44	2,733
Value of shipments (including resales), total.....do....	805,185	271,631	908,521	40,840	251,364	78,780	1,245,092
Value of resales.....do....	18,038	12,891	19,991	2,376	13,212	572	50,278
Value added by manufacture, adjusted.....do....	319,588	138,318	308,874	21,463	111,164	49,819	463,668
Manufacturers' inventories:							
Beginning of year, total.....do....	100,012	32,388	104,474	9,563	34,793	7,941	118,473
Finished products.....do....	35,356	9,677	32,245	6,625	7,173	4,727	53,379
Work-in-process.....do....	13,596	3,144	6,159	836	4,443	281	17,773
Materials, supplies, fuel, etc.....do....	51,060	19,567	66,070	2,102	23,177	2,933	47,321
End of year, total.....do....	97,400	31,758	102,662	9,169	29,923	8,990	122,381
Finished products.....do....	35,500	9,676	34,553	6,635	7,533	5,922	56,698
Work-in-process.....do....	13,730	3,086	6,301	577	2,790	282	17,457
Materials, supplies, fuel, etc.....do....	48,170	18,996	61,808	1,957	19,600	2,786	48,226
Expenditures for plant and equipment, total.....do....	17,657	7,096	20,213	459	6,140	2,216	29,445
New, total.....do....	16,827	6,430	17,747	416	5,836	2,170	26,504
New structures and additions to plant.....do....	3,198	822	2,817	83	1,048	384	7,958
New machinery and equipment.....do....	13,639	5,608	14,930	333	4,788	1,786	18,546
Used plant and equipment.....do....	820	666	2,496	43	304	46	3,231

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	
2641	Paper coating and glazing:											
	Number of establishments.....	340	61	43	60	71	40	38	15	9	3	...
	All employees:											
	Number.....	27,794	139	298	864	2,287	2,954	6,105	5,314	6,233	3,600	...
	Payroll.....\$1,000..	143,476	616	1,456	3,992	11,569	13,577	32,176	29,303	31,855	18,932	...
	Value added, adjusted..do...	319,588	1,831	2,693	8,670	24,174	29,488	74,376	51,852	99,907	26,597	...
	Value of shipments.....do...	805,185	3,961	6,770	22,396	61,918	84,530	191,795	150,298	199,179	84,338	...
	Capital expend., new...do....	16,827	( <sup>1</sup> )	546	( <sup>1</sup> )	1,834	1,647	5,214	3,385	2,562	1,095	...
2642	Envelopes:											
	Number of establishments.....	205	19	17	23	41	40	53	10	2	...	...
	All employees:											
	Number.....	17,757	50	123	320	1,363	2,798	8,493	4,610	(D)	...	...
	Payroll.....\$1,000..	84,566	181	482	1,289	5,955	13,705	41,172	21,782	(D)	...	...
	Value added, adjusted..do...	138,318	487	858	2,591	10,739	22,281	68,648	32,714	(D)	...	...
	Value of shipments.....do...	271,631	903	1,663	5,307	20,764	41,592	131,672	69,730	(D)	...	...
	Capital expend., new...do....	6,430	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,059	3,327	1,314	(D)	...	...
2643	Bags, except textile bags:											
	Number of establishments.....	461	74	57	79	87	51	75	27	9	2	...
	All employees:											
	Number.....	39,042	164	371	1,109	2,719	3,366	12,097	9,399	9,817	(D)	...
	Payroll.....\$1,000..	169,888	541	1,350	4,370	11,479	14,024	51,792	40,525	45,807	(D)	...
	Value added, adjusted..do...	308,874	1,443	2,621	8,674	20,103	28,183	101,668	71,958	74,224	(D)	...
	Value of shipments.....do...	908,521	5,499	8,048	26,123	57,036	74,244	286,957	213,647	236,967	(D)	...
	Capital expend., new...do....	17,747	( <sup>1</sup> )	( <sup>1</sup> )	1,648	1,531	1,257	6,092	3,609	2,866	(D)	...
2644	Wallpaper:											
	Number of establishments.....	73	13	19	12	12	7	9	1	...	...	...
	All employees:											
	Number.....	2,806	33	120	168	413	506	1,566	(D)	...	...	...
	Payroll.....\$1,000..	13,417	161	480	748	1,882	2,437	7,709	(D)	...	...	...
	Value added, adjusted..do...	21,463	398	783	1,236	3,443	4,381	11,222	(D)	...	...	...
	Value of shipments.....do...	40,840	1,097	1,366	2,414	6,297	7,230	22,436	(D)	...	...	...
	Capital expend., new...do....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	(D)	...	...	...
2645	Die cut paper and board:											
	Number of establishments.....	372	114	67	73	65	24	21	5	3	...	...
	All employees:											
	Number.....	12,209	250	458	982	2,077	1,574	3,233	3,635	(D)	...	...
	Payroll.....\$1,000..	58,512	896	1,852	3,931	8,668	6,389	15,302	21,474	(D)	...	...
	Value added, adjusted..do...	111,164	2,178	4,183	7,682	18,650	11,086	31,036	36,349	(D)	...	...
	Value of shipments.....do...	251,364	4,359	10,024	16,654	46,137	21,178	70,933	82,079	(D)	...	...
	Capital expend., new...do....	5,836	( <sup>1</sup> )	( <sup>1</sup> )	712	611	( <sup>1</sup> )	1,972	1,949	(D)	...	...
2646	Pressed and molded pulp goods:											
	Number of establishments.....	55	15	5	7	10	6	6	4	2	...	...
	All employees:											
	Number.....	4,472	29	32	110	326	437	977	2,561	(D)	...	...
	Payroll.....\$1,000..	21,254	116	115	420	1,341	2,075	4,757	12,430	(D)	...	...
	Value added, adjusted..do...	49,819	196	125	797	2,521	6,428	13,255	26,497	(D)	...	...
	Value of shipments.....do...	78,780	367	269	1,854	4,588	8,683	21,581	41,438	(D)	...	...
	Capital expend., new...do....	2,170	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,189	1,398	551	723	(D)	...	...
2649	Paper and board products, nec.:											
	Number of establishments.....	739	200	89	126	142	75	64	27	12	4	...
	All employees:											
	Number.....	46,892	442	595	1,751	4,389	5,537	9,960	9,487	8,768	5,963	...
	Payroll.....\$1,000..	213,489	1,495	2,325	6,650	17,399	24,127	45,660	42,384	43,933	29,516	...
	Value added, adjusted..do...	463,668	3,584	4,984	12,957	33,829	45,139	94,740	98,461	91,183	78,791	...
	Value of shipments.....do...	1,245,092	8,476	11,279	28,571	79,926	117,602	274,126	231,689	269,562	223,861	...
	Capital expend., new...do....	26,504	1,438	566	1,018	2,950	2,176	8,475	3,326	3,577	2,978	...

Note: Detailed figures may not add to the totals because of independent roundings.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2641	Paper coating and glazing.....1958..	805,185	648,247	119,987	36,951	84	<sup>r</sup> 812,206	648,247	<sup>r</sup> 163,959	<sup>r</sup> 80
	1954..	639,173	525,470	92,368	21,335	85	609,588	525,470	84,118	86
2642	Envelopes.....1958..	271,631	232,752	17,313	21,566	93	246,881	232,752	14,129	94
	1954..	205,258	181,477	8,239	15,542	96	197,283	181,477	15,806	92
2643	Bags, except textile bags.....1958..	908,521	770,680	112,171	25,670	87	<sup>r</sup> 857,156	770,680	<sup>r</sup> 86,476	<sup>r</sup> 90
	1954..	639,355	561,055	58,042	20,258	91	634,594	561,055	73,539	88
2644	Wallpaper.....1958..	40,840	35,122	2,783	2,935	93	35,599	35,122	477	99
	1954..	39,912	38,948	546	418	99	39,621	38,948	673	98
2645	Die cut paper and board.....1958..	251,364	212,394	18,261	20,709	92	264,887	212,394	52,493	80
	1954..	216,328	176,170	24,316	15,842	88	215,553	176,170	39,383	82
2646	Pressed and molded pulp goods..1958..	78,780	77,100	1,008	672	99	80,411	77,100	3,311	96
	1954..	42,381	42,119	122	140	100	45,236	42,119	3,117	93
2649	Paper and board products, nec..1958..	1,245,092	1,078,994	104,502	61,596	91	1,171,163	1,078,994	92,169	92

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) converted paper and board products, except containers (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The figures thus correspond to the totals shown in table 6A.

Prod. class code	Class of products and miscellaneous receipts	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Paper and board products, nec (SIC 2649)	Other industries	All industries
	Total shipments and receipts of the industry...	805,185	271,631	908,521	40,840	251,364	78,780	1,245,092	xxx	xxx
	Converted paper and board products, nec.....	682,808	244,076	613,857	35,372	217,345	77,100	1,137,287	...	...
26-11	Off-machine coated paper.....	84,232	...	(D)	...	(D)	...	(1)	<sup>2</sup> 11,790	96,022
26-12	Oiled, waxed and wax laminated paper.....	203,234	...	2,459	...	...	...	15,735	<sup>3</sup> 18,868	240,296
26-13	Gummed products.....	68,003	(D)	3,130	...	393	...	5,216	1,627	70,369
26-14	Pressure sensitive tape.....	133,415	...	230	...	(D)	...	...	<sup>4</sup> 49,792	183,437
26-15	Laminated or coated wrappers.....	49,470	...	14,063	...	(D)	...	3,386	10,057	76,976
26-16	Other coated and processed paper.....	107,697	...	7,304	250	3,337	...	1,634	<sup>5</sup> 14,581	134,003
26-19	Paper coating and glazing, nsk.....	2,305	...	...	...	...	...	...	...	2,305
26-20	Envelopes.....	...	232,752	762	...	540	...	4,569	8,258	246,881
26-31	Grocers' and variety bags.....	(D)	(D)	219,516	...	...	...	13,489	6,954	239,959
26-32	Specialty bags and liners.....	14,070	4,181	258,713	...	(D)	...	1,660	25,872	304,496
26-33	Shipping sacks and multiwall bags.....	...	...	280,512	...	...	...	1,781	<sup>7</sup> 30,408	312,701
26-40	Wallpaper.....	...	...	...	35,122	...	...	...	<sup>8</sup> 477	35,599
26-51	Office supplies and other die cut products.....	(D)	1,315	578	...	173,702	...	6,323	26,020	207,958
26-52	Pasted, lined, laminated, or surface coated paperboard.....	4,114	...	...	...	38,692	...	(D)	<sup>9</sup> 14,143	56,347
26-61	Bituminous fibre pipe and conduits.....	...	...	...	...	...	28,257	...	1,228	29,485
26-62	Other pressed and molded pulp goods.....	...	...	(D)	...	...	48,843	(D)	2,083	50,926
26-91	Stationery, tablets, and related products.....	(D)	5,828	(D)	...	270	...	138,660	<sup>10</sup> 6,424	151,182
26-92	Wrapping products (gift wrap, etc.).....	9,210	...	4,086	...	(D)	...	61,210	<sup>11</sup> 12,713	87,219
26-93	Sanitary tissue health products.....	2,109	...	8,364	...	...	...	557,827	<sup>12</sup> 4,340	573,240
26-94	Sanitary napkins and tampons.....	...	...	...	...	...	...	114,671	3,416	116,087
26-95	Other converted paper and board products.....	4,951	(1)	2,201	(D)	411	...	<sup>13</sup> 190,663	<sup>14</sup> 28,539	226,765
26-99	Other converted paper and paperboard products,nec	...	...	...	...	(D)	...	15,963	707	16,670
	Other products.....	85,426	5,989	68,994	2,533	13,310	1,008	146,209	xxx	xxx
26-53	Other sanitary food containers.....	2,858	...	1,100	...	(D)	...	2,965	xxx	xxx
27-10	Commercial printing, letterpress - nsk.....	...	...	(D)	...	...	...	...	xxx	xxx
27-12	Labels and wrappers, letterpress.....	9,324	152	20,939	...	(1)	...	8,509	xxx	xxx
27-16	Other general "job" printing, letterpress.....	(D)	1,020	...	...	3,567	...	6,221	xxx	xxx
27-18	Gravure printing, except publication.....	4,281	(D)	2,730	...	...	...	(D)	xxx	xxx
34-70	Metal foil and leaf.....	11,110	...	5,915	...	...	...	(D)	xxx	xxx
	Other secondary products.....	<sup>14</sup> 57,853	4,817	<sup>15</sup> 38,310	2,533	9,743	1,008	128,514	xxx	xxx
	Miscellaneous receipts, total.....	36,951	21,566	25,670	2,935	20,709	672	61,596	xxx	xxx
	Resales.....	<sup>16</sup> 18,038	12,891	19,991	2,376	13,212	572	50,278	xxx	xxx
	Other miscellaneous receipts.....	<sup>17</sup> 18,913	8,675	5,679	559	7,497	100	11,318	xxx	xxx

D Withheld to avoid disclosing figures for individual companies.

<sup>17</sup>Revised.

<sup>1</sup>Less than \$100 (thousand).

<sup>2</sup>Virtually all accounted for by primary paper mills (Industry 2621) engaged in paper-machine coating which also coat paper off-the-paper machine in a finishing department.

<sup>3</sup>Includes \$4 million reported by Industry 2751, Printing: Letterpress, and more than \$10 million produced in Industry 2621, Paper Mills, Except Building.

<sup>4</sup>Includes more than \$5 million produced in Industry 3069, Fabricated Rubber Products, NEC, and in Industry 3291, Abrasive Products.

<sup>5</sup>Includes \$6 million produced in Industry 2295, Coated Fabric, Not Rubberized.

<sup>6</sup>Includes \$16 million reported by Industry 2751, Printing: Letterpress.

<sup>7</sup>Includes \$18 million reported by Industry 2393, Textile Bags.

<sup>8</sup>Includes between \$6 and \$10 million reported by Industry 2654, Sanitary Food Containers, and \$3.5 million by Industry 2751, Printing: Letterpress.

<sup>9</sup>Includes \$5.5 million reported by Industry 2631, Paperboard Mills, \$4.2 million by Industry 2651, Folding Paperboard Boxes, and between \$2 and \$6 million by Industry 2654, Sanitary Food Containers.

<sup>10</sup>Includes \$2 million from Industry 2782, Blankbooks; Looseleaf Binders.

<sup>11</sup>Includes \$7.2 million from Industry 2771, Greeting Cards.

<sup>12</sup>Includes \$3 million from Industry 2654, Sanitary Food Containers.

<sup>13</sup>Includes \$9 million from Industry 2751, Printing: Letterpress, \$7 million from Industry 2654, Sanitary Food Containers, and \$3 million from Industry 3955, Carbon Paper and Inked Ribbons.

<sup>14</sup>Includes more than \$2 million shipments of the following products, the exact figures for which are withheld to avoid disclosing individual company information: Other electronic components and accessories, nec; Other rubber goods, nec; Resin-coated fabrics; and Folding paperboard boxes.

<sup>15</sup>Includes \$16 million of product class 23930, Textile bags, and more than \$2 million of product class 22992, Textile bags, nec, the exact figure for which is withheld to avoid disclosing individual company information.

**Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954**

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity <sup>1</sup>	Value	Quantity <sup>1</sup>	Value
		(Tons of 2,000 lbs.)	(\$1,000)	(Tons of 2,000 lbs.)	(\$1,000)
2641---	Paper coating and glazing, total.....	xxx	812,206	xxx	609,588
26411--	Off-machine coated paper for printing.....	238,189	96,022	231,745	82,450
2641111	Coated one side.....	165,075	63,346	132,545	46,077
2641151	Coated two sides.....	73,114	32,676	99,200	36,373
26412--	Oiled, waxed and wax-laminated paper.....	437,594	240,296	366,808	208,763
2641211	Oiled and similarly treated paper.....	261,944	226,669	13,259	6,008
	Waxed and wax-laminated paper:				
2641221	Printed bread wraps.....	84,313	59,036	76,311	53,986
2641225	Unprinted bread wraps.....	8,794	4,809	14,935	9,406
2641231	Household waxed paper.....	119,593	59,602	102,960	53,330
2641241	Delicatessen paper.....	18,871	11,219	22,056	9,455
2641245	Locker (including freezer) paper.....	9,819	4,835	16,964	7,758
2641255	Biscuit and cracker inner wraps.....	15,553	7,779	21,880	14,437
2641265	Cereal and similar inner wraps, except biscuit and cracker.....	14,092	6,712		
2641275	Frozen food carton overwraps.....	19,776	17,795		
2641281	Other waxed and wax-laminated paper, including candy wraps, cheese wraps, etc.	81,772	40,073		
2641200	Wax and wax-laminated paper, nsk.....	3,067	1,767		
26413--	Gummed products.....	(NA)	78,369	111,761	66,391
2641311	Paper base gummed tape, all types.....	103,364	46,638	97,136	45,661
2641315	Cloth base gummed tape.....	xxx	2,969	xxx	5,841
2641331	Gummed paper, including stock labels, unprinted <sup>3</sup> .....	34,619	26,180	14,625	14,889
2641300	Gummed products, nsk.....	(NA)	2,582	(NA)	(NA)
26414--	Pressure sensitive tapes.....	xxx	183,437	xxx	148,941
2641411	Paper backing.....	(NA)	72,794	(NA)	50,861
2641431	Cloth backing (excluding surgical adhesive).....	xxx	15,702	xxx	10,289
2641451	Plastic backing, including cellophane tape.....	xxx	88,120	xxx	84,754
2641471	Other, excluding rubber.....	(NA)	6,072	(NA)	3,037
2641400	Pressure sensitive tapes, nsk.....	(NA)	749	(NA)	(NA)
26415--	Laminated or coated wrappers, except waxed (rolls and sheets).....	186,998	76,976	138,921	53,747
2641511	Paper, waterproof (plain reinforced, creped or lined).....	81,167	30,036	75,280	30,112
2641541	Paper moisture proof and vapor barrier.....	55,339	26,468	44,619	13,885
2641555	Other laminations (except foil) including paper laminated to other sheet materials.....	50,492	20,472	19,032	9,750
26416--	Coated and processed paper.....	xxx	134,803	135,534	<sup>a</sup> 103,043
2641611	Casein and similarly coated paper.....	25,251	10,950	xxx	24,727
2641621	Special coated paper (Mica, pyroxylin, lacquer, metallic—other than foil, etc.) <sup>4</sup> .....	28,652	27,517	30,527	32,406
2641641	Processed plain paper (embossed, leatherette, etc.).....	15,019	6,652	13,245	6,739
2641655	Processed coated paper (embossed, leatherette, etc.).....	12,419	9,674	6,862	4,664
	Laminated or coated rolls and sheets, plain or printed, except wax-laminated paper and foil:				
2641661	Polyethylene coated paper <sup>5</sup> .....	22,352	16,807	22,324	34,507
2641665	Polyethylene coated films, including coated cellophane.....	xxx	16,937		
2641669	Other coated rolls and sheets <sup>6</sup> .....	9,909	4,318		
2641698	Other coated and processed paper, including soap impregnated paper <sup>7</sup> .....	37,562	31,660	...	...
2641600	Processed and coated paper, nsk <sup>8</sup> .....	21,239	10,288		
2641000	Paper coating and glazing, nsk <sup>8</sup> .....	xxx	2,303	...	...
		(Short tons)		(Short tons)	
2642---	Envelopes, total.....	367,023	246,881	332,426	197,283
2642011	Envelopes, all types and materials (excluding stationary envelopes).....	<sup>r</sup> 367,023	246,881	332,426	197,283
		(Tons of 2,000 lbs.)		(Tons of 2,000 lbs.)	
2643---	Bags, except textile bags, total.....	xxx	857,156	xxx	635,084
26431--	Grocers' and variety bags (paper) and wardrobe, shopping and other bags.....	980,311	239,959	861,921	173,300
2643111	Grocers' and variety bags, paper.....	957,493	227,835	815,571	159,772
2643151	Shopping bags.....	13,482	5,864	15,161	5,000
2643198	Other bags (wardrobe, mothproof, etc.).....	20,836	6,260	31,189	<sup>r</sup> 108,528

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity (Tons of 2,000 lbs.)	Value (\$1,000)	Quantity (Tons of 2,000 lbs.)	Value (\$1,000)
2643---	Bags, except textile bags--Continued				
26431--	Specialty bags and liners.....	xxx	<sup>r</sup> 304,496	xxx	206,783
2643212	Paper and paper combinations (except foil) waxed and unwaxed:				
2643213	Kraft and sulfite.....	185,403	80,014	133,521	49,542
2643215	Glassine and greaseproof, including parchment.....	38,878	32,638	47,113	32,076
2643221	Polyethylene and other combinations and laminations, except foil:				
2643225	Polyethylene combinations and laminations, except foil.....	xxx	23,983		
	All other combinations and laminations, except foil.....	xxx	11,932		
2643241	Unsupported film:				
2643243	Cellophane—Quantity (in 1,000 lbs.) of cellophane shipments and transfers....	35,486	35,303	xxx	<sup>10</sup> 119,009
2643245	Polyethylene—Quantity (in 1,000 lbs.) of polyethylene shipments and transfers	73,557	63,379		
2643246	Other unsupported films (pliofilm, acetate, etc.).....	xxx	13,605		
2643248	Cellophane, polyethylene, and other unsupported film <sup>11</sup> .....	(NA)	15,324		
2643257	Foil and foil combinations and laminations:				
2643259	Unlaminated foil—Quantity (in 1,000 lbs.) of shipments and transfers.....	(NA)	1,694		
	Foil combined or laminated with foil, polyethylene or other materials--			xxx	6,156
	quantity (in 1,000 lbs. of metal content) of shipments and transfers.....	xxx	7,917		
2643265	Resale household bags (all materials) (garbage, lunch, sandwich, etc.).....	xxx	11,829	xxx	(NA)
2643268	Specialty bags and liners, nsk.....	xxx	<sup>r</sup> 6,878	xxx	xxx
26433--	Shipping sacks and multiwall bags.....	927,564	<sup>r</sup> 312,701	848,616	255,001
2643311	Single and double wall.....	173,021	54,208	186,216	62,905
2643351	Multiwall (three or more plies).....	754,543	246,453	662,400	192,206
2643360	Shipping sacks and multiwall bags, nsk <sup>2</sup> .....	xxx	<sup>r</sup> 12,040	xxx	xxx
2644---	Wallpaper, total.....	xxx	35,599	xxx	39,621
2644011	Machine printed wallpaper:				
2644015	Quantity (in short tons) of paper and board consumed.....	47,239	29,849	55,920	35,093
	Quantity (in 1,000 single rolls or equivalent) of shipments and transfers.....	134,834	xxx	163,582	xxx
2644051	Screen and hand printed wallpaper, including repeat goods, scenic, panels, etc:				
2644055	Quantity (in short tons) of paper and board consumed.....	1,649	4,728	(NA)	4,528
	Quantity (in 1,000 single rolls equivalent 36 sq. ft.) of shipments and				
	transfers.....	<sup>r</sup> 1,396	xxx	1,212	xxx
2644060	Wallpaper, nsk <sup>3</sup> .....	xxx	1,022	(NA)	(NA)
2645---	Die cut paper and board, total.....	xxx	264,887	xxx	<sup>r</sup> 215,553
26451--	Office supplies and miscellaneous products.....	xxx	207,938	xxx	<sup>r</sup> 169,513
2645111	Index cards.....	14,939	9,073	9,960	6,777
2645113	File folders.....	40,599	20,624	27,920	17,031
2645115	Guide cards.....	14,655	11,565	7,204	5,299
2645121	Other, including binders and covers, except loose-leaf.....	35,553	14,239	9,145	8,190
2645121	Machine tabulation and time recorder cards.....	199,434	82,909		
2645161	Cards, die-cut and designed (not printed).....	14,477	5,518	116,492	61,694
2645171	Automotive board products (panel, trim, etc.).....	44,788	15,405	xxx	<sup>r</sup> (12)
2645181	Bottle caps, closures and lids:				
2645185	Quantity (in short tons) of paper and board consumed.....	36,129	21,424	33,975	21,366
	Quantity (in millions of caps) of shipments and transfers.....	5,201	xxx	*9,908	xxx
2645198	Other, including fillers and flats for egg cases, except molded pulp.....	xxx	27,181	xxx	<sup>r</sup> 13,156
2645210	Pasted, lined, laminated or surface-coated paperboard.....	281,227	56,949	(NA)	46,040
		Value of shipments including interplant transfers (\$1,000)			
		1958		1954	
2646---	Pulp goods, pressed and molded, total.....		80,411		45,236
2646111	Bituminous fiber pipe, sewer and drainage, and conduit, inc.fittings-moulded pulp.		29,485		17,891
26462--	Other pressed and molded pulp goods.....		50,926		(NA)
2646212	Egg cartons.....		13,106		(13)
2646231	Prepackaging trays and boards (for meat and produce) and food trays.....		11,585		(13)
2646251	Molded pulp plates and dishes.....		12,431		13,691
2646298	Other molded pulp and papier-mache articles excluding statuary and art goods....		13,804		13,654

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity of paper and board consumed (short tons)	Value f.o.b. plant (\$1,000)	Quantity of paper and board consumed (short tons)	Value f.o.b. plant (\$1,000)
2649---	Converted paper and paperboard products, nec., total.....	xxx	1,171,163	xxx	851,923
26491--	Stationery tablets and related products.....	262,516	151,182	194,671	106,503
2649111	Boxed stationery and portfolios.....	18,024	22,631	19,924	20,920
2649113	Weddings and social announcements (paper, cards and envelopes).....	5,623	5,034	5,232	5,067
2649115	Package paper and envelopes.....	28,178	21,917	17,767	10,838
2649119	Other stationery.....	2,726	2,480	3,714	2,353
	Tablets and related tablet type products:				
2649151	Correspondence type tablets.....	17,665	8,296	11,239	5,733
2649153	Tablets and pads--book and writing, paper grade.....	48,390	21,794	29,360	13,212
2649155	Newsprint tablets and pads.....	16,512	6,246	19,571	5,499
2649157	Notebooks (including mechanical bound by thread, wire, plastic, etc.).....	29,681	16,684	26,540	13,360
2649158	Loose-leaf fillers and wrapper ream papers in filler sizes, plain or faint ruled, excluding printed forms.....	79,576	37,490	54,029	26,484
2649159	Other related tablet type products.....	16,141	8,610	7,295	3,037
26492--	Wrapping products, (gift wrap, etc.).....	130,674	87,219	99,470	53,053
2649261	Crepe paper (excluding fine creped paper).....	5,088	2,201	12,716	5,465
2649267	Creped wadding for packaging (cellulose).....	22,022	10,779		
	Gift wrapping, first sale in packages:				
	Printed:				
2649281	Less than 18 lbs.....	11,431	14,874	11,659	9,793
2649285	18 lbs. and more.....	25,591	27,807	19,958	14,370
2649287	Unprinted.....	660	951	3,233	2,500
2649298	Other wrapping products, except coated, laminated, oiled, waxed and printed, including saturated and impregnated paper, etc.....	65,882	30,607	51,904	20,925
26493--	Sanitary health products.....	1,634,049	573,240	1,298,808	427,407
2649311	Facial tissues and handkerchiefs.....	229,242	108,236	179,029	79,861
	Table napkins, including plain, creped, and facial tissue:				
	Industrial (bulk and dispenser types):				
2649331	Regular type--single ply.....	84,322	28,781	67,736	24,198
2649333	Facial tissue type - 2 or more ply.....	8,287	6,012	9,378	5,081
	Retail packages (resale):				
2649335	Regular type--single ply.....	58,820	28,009	67,224	27,423
2649337	Facial tissue type - 2 or more ply.....	42,497	22,934	26,138	12,280
	Toilet paper:				
	Rolls and ovals:				
	Facial tissue type - 2 or more ply:				
2649341	Industrial.....	15,684	8,188	167,986	62,155
2649345	Household.....	249,217	96,459		
	Regular type - single ply:				
2649343	Industrial.....	66,624	18,599	431,464	120,810
2649347	Household.....	426,039	124,220		
2649355	Interfolded and flat package.....	19,674	5,349	22,879	6,753
	Towels (rolled, folded or interfolded):				
2649371	Industrial.....	221,518	55,366	207,921	49,901
2649375	Household.....	172,655	52,448	105,442	30,839
2649381	Wipers (windshield, industrial and lithographic plate).....	21,760	8,413	13,611	8,106
2649398	Other sanitary health products <sup>a</sup> .....	17,710	10,226		
26494--	Sanitary napkins and tampons.....	xxx	116,087	xxx	76,064
2649411	Sanitary napkins - 1,000 gross dozens.....	2,965	116,087	2,489	64,809
2649451	Tampons - 1,000 gross dozens.....			295	11,255
26495--	Other converted paper and board products.....	652,383	226,765	512,288	188,896
	Business machine supplies:				
2649511	Rolls for adding and other business machines.....	37,180	17,074	21,026	10,375
2649517	Other business machine supplies, including tapes, teletypes, etc.....	19,576	10,193	14,287	5,650
2649531	Other miscellaneous office supplies, including safety paper.....	41,397	17,984	16,634	7,599
	Novelties, games, displays, and similar products:				
2649541	Fine creped paper (excluding creped wrapping).....	5,497	5,433	4,547	6,280
2649547	Other novelties, games, displays and similar products <sup>14</sup> .....	5,851	6,449	20,254	15,798
	Industrial paper and board products:				
	Laminated wallboard:				
2649561	Quantity (in short tons) of paper and board consumed.....	31,421	8,410	45,042	7,805
2649563	Quantity (in 1,000 sq. ft.) of shipments and transfers.....	76,482	xxx	123,101	xxx

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Total shipments including interplant transfers			
		1958		1954	
		Quantity of paper and board consumed (short tons)	Value f.o.b. plant (\$1,000)	Quantity of paper and board consumed (short tons)	Value f.o.b. plant (\$1,000)
2649---	Converted paper and board products, nec.—Continued				
26495--	Other converted paper and board products—Continued				
	Industrial paper and board products—Continued				
	Tiled wallboard:				
2649565	Quantity (in short tons) of paper and board consumed.....	32,961	15,847	14,186	6,745
2649566	Quantity (in 1,000 sq. ft.) of shipments and transfers.....	65,634	xxx	34,652	xxx
2649568	Shredded paper for packing.....	23,808	2,117	(NA)	(NA)
2649569	Other industrial paper and board products <sup>15</sup> .....	146,059	35,164	120,783	55,560
	Miscellaneous paper products:				
2649571	Doilies, place mats, and tray doilies (or tray covers).....	13,565	10,788	9,398	7,443
2649581	Patterns.....	13,819	32,055	13,039	28,817
2649582	Tags, unprinted.....	13,010	12,060	(17)	(17)
2649587	Folders and mounts, all types.....	13,919	7,907	6,225	6,566
2649588	Labels, unprinted, except gummed.....	770	3,149	(NA)	(NA)
2649598	Other miscellaneous paper and board products, including cigarette paper books, paper draperies, shelf paper, printed and unprinted, etc. <sup>16</sup> .....	81,029	42,135	69,114	30,258
2649000	Converted paper and board products, nsk <sup>8</sup> .....	30,405	16,670	xxx	xxx

\*Revised. <sup>F</sup>Revised.

NA Not available.

<sup>1</sup>Paper and board consumed, in short tons, unless otherwise specified.

<sup>2</sup>May contain some quantity and value of "Waxed and waxed-laminated" paper incorrectly reported as "Oiled and similarly treated paper."

<sup>3</sup>Figures for 1958 and 1954 are not strictly comparable, since in 1954 quantity and value were reported for "Gummed paper, including gummed flat"

(Product Code 2641321).

<sup>4</sup>Included "Plastic" coated paper in 1954 (Product Code 2641531).

<sup>5</sup>Included in "Special coated paper" in 1954 (Product Code 2641531).

<sup>6</sup>May include some "Casein and similarly coated paper." (Product Code 2641511), and "Special coated paper" (Product Code 2641521).

<sup>7</sup>Includes vinyl and other resin-impregnated papers, and rubber-impregnated papers.

<sup>8</sup>Accounted for by the small establishments (generally less than 20 employees) which reported on a short form especially designed to relieve such establishments from detailed reporting.

<sup>9</sup>Consumption of paper and paperboard consumed in the manufacture of envelopes. The average value of products shipped per ton of paper and paperboard consumed can of course be computed from these figures. However, the significance of such a statistic is quite limited owing to the heterogeneous composition of envelopes, a number of which incorporate little paper and paperboard in their manufacture. The principal purpose served by the aggregation of paper and paperboard consumption figures for this industry in census years is to provide a comprehensive accounting of the use of all primary paper and board mill output by the converting industries.

<sup>10</sup>The total is the sum of the value of shipments of "wardrobe and mothproof bags" (2661311) and "Other bags" (2661398).

<sup>11</sup>The total is a combination of cellophane, polyethylene, and other flexible plastic films, combinations and specialty bags and liners, nsk.

<sup>12</sup>In 1954, "Automotive board products (panel, trim, etc.)," Code 2645171, was included with "Other, including fillers and flats for egg cases, except molded pulp," Code 3645198.

<sup>13</sup>In 1954, no separate shipments figures were collected on egg cartons, or prepackaging trays and boards and food trays. Shipments of these products in 1954 were reported on product line 2694098, "Other pulp goods, excluding statuary and art goods."

<sup>14</sup>Figures for 1958 and 1954 are not comparable since respondents in 1958 reporting on the paper connecting questionnaire were asked to report "Advertising novelties" on a separate line and these shipments were thus identified and assigned as primary products of Industry 3993, Signs and Advertising Displays, product code 3993311.

<sup>15</sup>Includes fabricated products made of hardboard (hard pressed wood fibre board).

<sup>16</sup>Includes twisted paper yarn, tracing paper, drawing paper, artists' sketch books and similar paper products.

<sup>17</sup>In 1954 data for tags, "printed and imprinted" were reported as a combined item with a value of \$35,817 million. As noted in the text, printed tags are now classified as primary products of the commercial printing industries, new SIC Group 275 (see final industry report MC58(2)-27B).

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Off-machine coated paper (26411):</b>			<b>Gummed products (26413)--Continued</b>	1958 <sup>1</sup>	1954	<b>Other coated and processed paper (26416)--Continued</b>	1958 <sup>1</sup>	1954
United States, total:			South Atlantic.....	4,443	3,780	Middle Atlantic.....	37,561	22,425
1958.....	96,022		Pacific.....	6,057	4,199	New York.....	12,993	10,246
1957.....	112,853		California.....	3,855	( <sup>2</sup> )	New Jersey.....	17,491	5,336
1956.....	107,111					Pennsylvania.....	7,077	6,459
1955.....	93,955		<b>Pressure sensitive tape (26414):</b>	Value of shipments		East North Central.....	40,666	( <sup>2</sup> )
1954.....	82,450		United States, total:			Ohio.....	6,513	( <sup>2</sup> )
1953.....	104,833		1958.....	183,437		Michigan.....	13,090	14,999
1952.....	86,855		1954.....	148,941		Wisconsin.....	14,228	13,095
1951.....	99,536		1953.....	125,751		West North Central.....	1,993	( <sup>3</sup> )
1950.....	85,672		1952.....	110,599		South.....	8,102	( <sup>2</sup> )
1947.....	89,428					Pacific.....	5,535	3,581
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954	California.....	5,439	3,581
Northeast.....	21,376	29,155	New England.....	8,809	( <sup>3</sup> )	Value of shipments		
New York.....	8,300	( <sup>2</sup> )	Massachusetts.....	8,647	( <sup>3</sup> )	<b>Grocers and variety bags (26431):</b>		
North Central.....	74,646	52,790	Middle Atlantic.....	82,176	54,836	United States, total:		
Michigan.....	34,264	22,302	New York.....	20,808	( <sup>2</sup> )	1958.....	4239,959	
			North Central.....	86,356	92,163	1957.....	241,251	
<b>Oiled, waxed, and wax laminated paper (26412):</b>	Value of shipments		Ohio.....	4,168	2,995	1956.....	231,371	
United States, total:			Illinois.....	18,100	15,611	1955.....	185,430	
1958.....	240,296		South.....	4,680	( <sup>2</sup> )	1954.....	173,300	
1957.....	269,286		Pacific.....	1,416	( <sup>3</sup> )	1947.....	111,278	
1956.....	254,162		California.....	1,416	( <sup>3</sup> )		1958 <sup>1</sup>	1954
1955.....	229,616					Northeast.....	39,156	19,689
1954.....	208,763		<b>Laminated or coated wrappers (26415):</b>	Value of shipments		New York.....	26,121	11,162
1953.....	199,905		United States, total:			North Central.....	5,708	5,908
1952.....	196,757		1958.....	76,976		Illinois.....	1,422	( <sup>3</sup> )
1951.....	221,487		1954.....	46,930		South Atlantic.....	52,889	40,740
1950.....	179,660					Virginia.....	8,818	( <sup>2</sup> )
1947.....	141,895		New England.....	16,311		East South Central.....	50,564	33,421
	1958 <sup>1</sup>	1954	Massachusetts.....	11,324		Alabama.....	44,115	( <sup>2</sup> )
New England.....	15,098	10,976	Middle Atlantic.....	4,930		West South Central.....	56,821	39,872
Middle Atlantic.....	43,559	45,212	New Jersey.....	4,125		Louisiana.....	49,962	34,183
New York.....	6,452	8,538	North Central.....	36,322		Pacific.....	34,821	20,141
New Jersey.....	28,750	30,219	Ohio.....	6,697		Washington.....	18,791	( <sup>2</sup> )
Pennsylvania.....	8,357	6,485	Illinois.....	3,920		Oregon.....	4,011	( <sup>2</sup> )
East North Central.....	117,775	101,650	Wisconsin.....	8,838		California.....	12,019	( <sup>2</sup> )
Ohio.....	31,062	26,868	South.....	13,611				
Michigan.....	32,011	25,099	Pacific.....	5,802		<b>Specialty bags and liners (26432):</b>	Value of shipments	
Wisconsin.....	39,610	33,530	California.....	3,121		United States, total:		
West North Central.....	15,961	11,465				1958.....	303,832	
South Atlantic.....	6,829	7,776	<b>Other coated and processed paper (26416):</b>	Value of shipments		1957.....	345,369	
East South Central.....	3,045	( <sup>2</sup> )	United States, total:			1956.....	303,293	
West South Central.....	7,531	( <sup>2</sup> )	1958.....	134,803		1955.....	256,256	
Pacific.....	30,498	22,490	1954.....	103,043		1954.....	206,293	
California.....	17,227	( <sup>2</sup> )	1953.....	111,502		1951.....	118,804	
			1952.....	103,627		1950.....	92,755	
<b>Gummed products (26413):</b>	Value of shipments		1951.....	119,093		1947.....	92,055	
United States, total:			1950.....	57,414			1958 <sup>1</sup>	1954
1958.....	78,369					New England.....	8,969	7,917
1954.....	66,391					Massachusetts.....	8,226	6,365
1947.....	65,853					Middle Atlantic.....	90,524	70,708
	1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954	New York.....	57,025	40,470
New England.....	19,865	20,708	New England.....	40,945	50,617	New Jersey.....	13,668	15,847
Massachusetts.....	5,225	6,968	Massachusetts.....	32,532	24,438	Pennsylvania.....	19,831	14,391
Middle Atlantic.....	18,788	13,317	Connecticut.....	1,732	( <sup>3</sup> )			
New York.....	6,350	7,258						
East North Central.....	28,620	23,586						
Wisconsin.....	6,729	( <sup>2</sup> )						

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	
<u>Specialty bags and liners</u> (26452)—Continued	1958 <sup>1</sup>	1954	<u>Office supplies and miscel- laneous products (26451):</u> United States, total:		<u>Stationary, tablets, and related products (26491)—</u> Continued		
East North Central.....	30,195	51,399	1958.....	207,938	United States, total--		
Ohio.....	22,588	15,519	1954.....	169,513	Continued		
Indiana.....	8,956	16,181	1947.....	90,263	1954.....	106,503	
Illinois.....	33,658	13,941			1953.....	77,084	
Michigan.....	5,038	( <sup>2</sup> )			1952.....	78,143	
Wisconsin.....	13,345	( <sup>3</sup> )	New England.....	7,375	1951.....	75,284	
					1950.....	72,480	
					1947.....	64,664	
West North Central.....	35,155	25,389	Massachusetts.....	6,220			
Missouri.....	20,875	11,789	Middle Atlantic.....	79,111		1958 <sup>1</sup>	1954
					New England.....	25,348	20,976
South Atlantic.....	36,129	19,020	New York.....	67,914	Massachusetts.....	25,223	( <sup>2</sup> )
Maryland.....	5,880	3,455	New Jersey.....	7,915	Middle Atlantic.....	42,471	27,926
Virginia.....	990	2,585	Pennsylvania.....	3,282			
North Carolina.....	2,117	2,243	East North Central.....	61,928	New York.....	18,252	10,089
Florida.....	3,891	( <sup>3</sup> )	Ohio.....	5,044	New Jersey.....	6,573	6,706
			Illinois.....	12,224	Pennsylvania.....	17,646	11,131
East South Central.....	3,667	2,576	Michigan.....	21,255	East North Central.....	32,207	20,927
West South Central.....	10,108	4,757	Wisconsin.....	1,676			
Texas.....	7,604	4,144	West North Central.....	14,168	Ohio.....	2,245	( <sup>2</sup> )
			Minnesota.....	6,995	Indiana.....	2,615	2,969
West.....	28,523	26,489	Missouri.....	3,615	Illinois.....	18,919	9,556
Washington.....	2,892	3,346	South.....	27,560	Wisconsin.....	3,405	2,295
Oregon.....	2,063	22,252	Virginia.....	1,635	West North Central.....	16,647	11,842
California.....	23,568	( <sup>3</sup> )	West.....	17,796	Missouri.....	16,084	( <sup>2</sup> )
			California.....	16,574	South Atlantic.....	14,871	10,184
<u>Shipping sacks and multiwall</u> <u>bags (26453):</u>	Value of shipments				Georgia.....	10,337	( <sup>2</sup> )
United States, total:			<u>Pasted, lined, laminated, or</u> <u>surface coated paperboard</u> (26452):	Value of shipments	East South Central.....	8,703	( <sup>2</sup> )
1958.....	300,661		United States, total:		West South Central.....	4,577	( <sup>2</sup> )
1957.....	292,748		1958.....	56,949	Texas.....	4,514	( <sup>2</sup> )
1956.....	285,979		1954.....	46,040	Mountain.....	1,558	( <sup>3</sup> )
1955.....	275,025		1947.....	16,982			
1954.....	255,001				Pacific.....	4,800	( <sup>2</sup> )
1953.....	242,155				California.....	1,943	2,011
1952.....	224,011						
1951.....	251,303					Value of shipments	
1950.....	188,226					1958 <sup>1</sup>	
1947.....	153,209						
	1958 <sup>1</sup>	1954	New England.....	5,468			
Northeast.....	36,180	32,588	Massachusetts.....	4,304			
New York.....	10,970	7,895	Middle Atlantic.....	22,443	<u>Wrapping products (26492):</u>		
Pennsylvania.....	13,227	14,520			United States, total.....	87,219	
East North Central.....	33,069	31,676	New York.....	5,177	New England.....	15,743	
Ohio.....	16,308	17,544	New Jersey.....	12,645	Massachusetts.....	8,045	
West North Central.....	27,659	13,907	East North Central.....	20,170	Middle Atlantic.....	30,583	
Minnesota.....	4,231	( <sup>2</sup> )	Illinois.....	3,026			
Missouri.....	17,788	7,678	Michigan.....	8,068	New York.....	11,542	
			Wisconsin.....	5,722	Pennsylvania.....	18,346	
South Atlantic.....	94,514	89,756	South and West.....	8,041	North Central.....	32,580	
Virginia.....	15,829	17,507	California.....	2,035			
West Virginia.....	9,734	( <sup>2</sup> )			Ohio.....	6,675	
Georgia.....	34,325	29,706			Illinois.....	7,885	
			<u>Other pressed and molded</u> <u>pulp goods (26462):</u>	Value of shipments	Wisconsin.....	14,980	
East South Central.....	23,062	13,336	United States, total.....	50,926	South.....	3,613	
Tennessee.....	10,946	3,210			Pacific.....	4,700	
West South Central.....	45,229	4,042	Northeast.....	31,502	California.....	4,546	
Arkansas.....	19,121	22,980	North Central.....	16,646			
Louisiana.....	18,980	12,547	South and West.....	2,778			
Texas.....	7,128	4,515				Value of shipments	
Pacific.....	40,948	33,688	<u>Stationary, tablets, and</u> <u>related products (26491):</u>	Value of shipments	<u>Sanitary tissue health</u> <u>products (26493):</u>		
			United States, total:		United States, total:		
Washington.....	15,369	12,644	1958.....	151,182	1958.....	573,240	
California.....	25,579	20,630	1957.....	123,999	1957.....	556,624	
			1956.....	118,786	1956.....	532,125	
			1955.....	111,228	1955.....	486,230	

See footnotes at end of table.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
<u>Sanitary tissue health products (26493)--</u> Continued			<u>Sanitary tissue health products (26493)--</u> Continued	1958 <sup>1</sup>	1954	<u>Other converted paper and board products (26495)--</u> Continued	1958 <sup>1</sup>
United States, total-- Continued			South and West.....	137,023	71,254	East North Central.....	91,589
1954.....	427,407		Washington.....	63,645	( <sup>2</sup> )	Ohio.....	26,005
1955.....	368,641		California.....	31,354	12,731	Indiana.....	6,714
1956.....	328,265			Value of shipments		Illinois.....	24,951
1957.....	361,824					Michigan.....	26,532
1958.....	293,584					Wisconsin.....	7,391
1947.....	220,046					West North Central.....	5,230
	1958 <sup>1</sup>	1954	<u>Other converted paper and board products (26495):</u> United States, total.....	1958 <sup>1</sup>		Missouri.....	4,958
New England.....	56,494	47,995		226,765		South Atlantic.....	4,527
New Hampshire.....	12,866	13,893	New England.....	30,067		North Carolina.....	1,973
Massachusetts.....	11,469	18,450	Vermont.....	2,550		Georgia.....	1,131
Middle Atlantic.....	197,219	177,420	Massachusetts.....	16,817		East South Central.....	2,938
New York.....	90,170	79,534	Connecticut.....	3,787		West South Central.....	3,703
New Jersey.....	15,066	( <sup>2</sup> )	Middle Atlantic.....	71,104		Texas.....	2,249
Pennsylvania.....	91,983	( <sup>2</sup> )	New York.....	36,612		Pacific.....	16,893
North Central.....	182,504	129,627	New Jersey.....	14,863		California.....	15,841
Wisconsin.....	162,655	124,202	Pennsylvania.....	19,629			

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 26411, Maine, Ohio, Indiana, Wisconsin, and Minnesota; 26412, Maine, New Hampshire, Vermont, Indiana, Illinois, Minnesota, Iowa, Missouri, Virginia, Georgia, Tennessee, Alabama, Texas, Washington, and Oregon; 26413, New Hampshire, Vermont, New Jersey, Pennsylvania, Ohio, Illinois, Delaware, Florida, and Oregon; 26414, New Jersey, Pennsylvania, Wisconsin, Minnesota, North Carolina, and Kentucky; 26415, Vermont, Rhode Island, Connecticut, Michigan, Virginia, North Carolina, Georgia, Kentucky, Alabama, Arkansas, Louisiana, and Washington; 26416, New Hampshire, Indiana, Illinois, Virginia, Georgia, and Louisiana; 26431, Massachusetts, New Jersey, Pennsylvania, Ohio, Georgia, Florida, Kentucky, Arkansas, and Texas; 26432, Minnesota, Iowa, South Carolina, Georgia, Tennessee, Louisiana, and Utah; 26433, Massachusetts, New Jersey, Indiana, Illinois, Nebraska, North Carolina, South Carolina, Florida, Kentucky, Alabama, Washington, and California; 26451, Indiana, Iowa, Kansas, District of Columbia, North Carolina, Georgia, Texas, and Washington; 26452, Rhode Island, Pennsylvania, Ohio, and Virginia; 26462, Maine, Massachusetts, New York, Pennsylvania, Indiana, Illinois, Wisconsin, Missouri, Washington, and California; 26491, Michigan, Maryland, Virginia, Tennessee, Alabama, Colorado, Oregon; 26492, Vermont, Indiana, Missouri, and Louisiana; 26493, Maine, Connecticut, Ohio, Michigan, Delaware, Florida, Tennessee, and Oregon; 26494, Vermont, Massachusetts, New York, New Jersey, Ohio, Illinois, Wisconsin, Tennessee, and California; 26495, Maine, New Hampshire, and Mississippi.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Materials	Unit of measure	1958		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2641—PAPER COATING AND GLAZING				INDUSTRY 2642—ENVELOPES			
	Materials and supplies, total.....		xxx	473,598	xxx	331,177	xxx	115,889	xxx	91,646
	Paper:									
261227	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons	520,230	140,031	720,846	181,873	{ 18,132 321,902	{ 5,783 84,504	267,867	66,821
261229	Purchased (market) paper.....	do.	469,777	126,077						
	Paperboard:									
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	do.	12,375	2,879	12,603	2,127	{ 20,072	{ 3,039	14,142	1,754
261239	Purchased (market) paperboard.....	do.	41,196	8,253						
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	do.	...	...	...	...	...	...	...	...
291151	Petroleum wax.....	1,000 lbs.	196,422	23,135	145,678	14,791	145	18	(NA)	(3)
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	do.	52,328	37,468	33,448	17,890	3,721	2,238	666	349
970099	All other materials and components, parts, containers and supplies consumed.....		xxx	137,772	xxx	114,496	...	20,307	xxx	22,722
	Paper and paperboard, total.....		945,422	256,360	733,449	184,000	336,133	92,443	282,009	68,575
	Paper:									
411	Newsprint.....	Short tons	9,500	1,710	...	...	r41,871	4596	...	...
412	Groundwood (uncoated).....	do.	32,686	6,652	24,219	3,969			(NA)	(NA)
413	Paper-machine-coated.....	do.	96,766	34,495	74,219	22,910	(D)	(D)		
414	Book (uncoated).....	do.	157,501	35,638	241,774	46,834	r107,099	r29,108	259,216	64,614
415	Fine.....	do.	47,822	18,132	12,403	3,793	r99,402	r30,675		
416	Coarse.....	do.	441,746	118,382	333,557	95,169	r109,549	r29,036		
417	Special industrial.....	do.	91,389	26,180			r3,917	r1,129		
418	Sanitary tissue stock.....	do.	14,141	4,061	4,550	835	(D)	(D)	8,651	2,207
419	Tissue paper except sanitary and thin.....	do.	...	...	30,124	8,363	...	...	(NA)	(NA)
	Paperboard:									
421	Container board.....	do.	3,934	1,032	12,603	2,127	{ ... 2,611 1,655 5,213 3,194	{ ... 362 313 560 330	(NA)	(NA)
422	Bending board:									
423	Special food board.....	do.	6,814	1,671						
424	Other bending board.....	do.	22,239	3,943						
425	Nonbending board.....	do.	1,800	228						
	Special paperboard and cardboard.....	do.	19,084	4,236						
			INDUSTRY 2643—BAGS, EXCEPT TEXTILE BAGS				INDUSTRY 2644—WALLPAPER			
	Materials and supplies, total.....		xxx	561,097	xxx	406,534	xxx	16,370	xxx	19,785
	Paper:									
261227	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons	1,191,886	205,395	1,728,216	275,921	45,632	9,626	59,626	10,766
261229	Purchased (market) paper.....	do.	872,149	171,388						
	Paperboard:									
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	do.	27,903	3,376	12,483	1,451	{ xxx xxx	{ xxx xxx	xxx	xxx
261239	Purchased (market) paperboard.....	do.	9,045	1,530						
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	do.	...	...	...	...	xxx	xxx	xxx	xxx
291151	Petroleum wax.....	1,000 lbs.	11,582	1,105	6,704	710	xxx	xxx	xxx	xxx
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	do.	131,653	71,281	51,302	16,715	xxx	xxx	xxx	xxx
970099	All other materials and components, parts, containers and supplies consumed.....		xxx	107,022	xxx	77,150	xxx	6,744	xxx	9,019
	Paper and paperboard, total <sup>5</sup> .....		1,976,118	361,288	1,740,699	277,372	45,632	9,626	59,626	10,766
	Paper:									
411	Newsprint.....	Short tons	50,708	8,888	{ (D) (D)	(D) (D)	(D) (D)	(D) (D)	...	...
412	Groundwood (uncoated).....	do.								
413	Paper-machine-coated.....	do.	93,928	19,545	6,268	2,221	1,748	568	55,509	9,789
414	Book (uncoated).....	do.	...	...	(D) (D)	(D) (D)	(D) (D)	(D) (D)		
415	Fine.....	do.	4,569	1,246	5,359	1,976	(D) (D)	(D) (D)		
416	Coarse.....	do.	1,614,433	295,911	1,702,828	268,015	xxx	xxx	4,117	977
417	Special industrial.....	do.	145,550	24,500	7,746	2,270	(D) (D)	(D) (D)		
418	Sanitary tissue stock.....	do.	(D)	(D)	(NA)	(NA)	xxx	xxx		
419	Tissue paper except sanitary and thin.....	do.	406	87	(D)	(D)	xxx	xxx		
	Paperboard:									
421	Container board.....	do.	28,403	3,741	12,483	1,451	{ xxx xxx xxx xxx	{ xxx xxx xxx xxx	xxx	xxx
422	Bending board:									
423	Special food board.....	do.	2,668	543						
424	Other bending board.....	do.	3,522	367						
425	Nonbending board.....	do.	1,437	190						
	Special paperboard and cardboard.....	do.	772	82						
			INDUSTRY 2644—WALLPAPER							

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Materials	Unit of measure	1958		1954		1958		1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2645—DIE-CUT PAPER AND BOARD				INDUSTRY 2646—PRESSED AND MOLDED PULP GOODS			
	Materials and supplies, total.....	.....	xxx	125,344	xxx	106,884	xxx	25,703	xxx	14,478
	Paper:									
261227	Own paper, produced at this location or at other affiliated or associated mills.	Short tons	231,965	61,415	161,502	39,069	(3)	(3)	(3)	(3)
261229	Purchased (market) paper.....	....do....								
941251	Waste paper.....	....do....	xxx	xxx	xxx	xxx	57,625	1,812	52,259	1,422
	Paperboard:									
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	....do....	76,237	11,106	256,356	31,853	23,879	446	1577	(1)
261239	Purchased (market) paperboard.....	....do....	124,387	20,051						
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding)	....do....	xxx	xxx	xxx	xxx	(NA)	4,877	41,879	3,167
291151	Petroleum wax.....	1,000 lbs.	(NA)	1,089	15,082	1,098	(D)	(D)	(D)	(D)
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	....do....	(NA)	1,002	2,885	1,982	(D)	(D)	(D)	(D)
970099	All other materials and components, parts, containers and supplies consumed.....	.....	xxx	30,681	xxx	32,882	xxx	18,554	xxx	9,019
	Paper and paperboard, total.....	.....	426,626	92,192	281,097	70,922	xxx	xxx	xxx	xxx
	Paper:									
411	Newsprint.....	Short tons	(D)	(D)	...	...	xxx	xxx	xxx	xxx
412	Groundwood (uncoated).....	....do....	2,261	358	41,677	10,952	xxx	xxx	xxx	xxx
413	Paper-machine-coated.....	....do....	5,510	1,791			xxx	xxx	xxx	xxx
414	Book (uncoated).....	....do....	862	245	116,977	27,233	xxx	xxx	xxx	xxx
415	Fine.....	....do....	30,203	8,910			xxx	xxx	xxx	xxx
416	Coarse.....	....do....	21,547	3,974	2,848	884	xxx	xxx	xxx	xxx
417	Special industrial.....	....do....	168,607	45,524			xxx	xxx	xxx	xxx
419	Tissue paper except sanitary and thin....	....do....	(D)	(D)			xxx	xxx	xxx	xxx
	Paperboard:									
421	Container board.....	....do....	8,394	1,276	11,391	1,602	xxx	xxx	xxx	xxx
	Bending board:									
422	Special food board.....	....do....	33,375	6,993	69,650	9,217	xxx	xxx	xxx	xxx
423	Other bending board.....	....do....	51,368	7,642			xxx	xxx	xxx	xxx
424	Nonbending board.....	....do....	6,507	1,256	48,428	4,701	xxx	xxx	xxx	xxx
425	Special paperboard and cardboard.....	....do....	97,034	14,070	126	16,333	xxx	xxx	xxx	xxx

Code	Description of materials	1958		
		Unit of measure	Quantity	Delivered cost (\$1,000)
		INDUSTRY 2649—PAPER AND BOARD PRODUCTS, NEC <sup>6</sup>		
	Materials and supplies, total.....	.....	xxx	731,118
	Paper:			
261227	Own paper, produced at this location or at other affiliated or associated mills	Short tons.....	1,677,404	359,838
261229	Purchased (market) paper.....	....do.....	549,720	139,931
	Paperboard:			
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	....do.....	4,302	746
261239	Purchased (market) paperboard.....	....do.....	107,961	18,408
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	....do.....	20,346	2,866
291151	Petroleum wax.....	1,000 lbs.....	14,502	1,620
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	....do.....	7,443	4,251
970099	All other materials and components, parts, containers and supplies consumed.....	....do.....	xxx	203,458
	Paper and paperboard, total.....	.....	2,329,005	521,876
	Paper:			
411	Newsprint.....	Short tons.....	50,522	6,668
412	Groundwood (uncoated).....	....do.....	36,787	8,580
413	Paper-machine-coated.....	....do.....	20,063	6,229
414	Book (uncoated).....	....do.....	127,036	32,683
415	Fine.....	....do.....	151,935	39,741
416	Coarse.....	....do.....	202,023	45,125
417	Special industrial.....	....do.....	47,212	14,414
418	Sanitary tissue stock.....	....do.....	1,491,807	331,333
419	Tissue paper except sanitary and thin.....	....do.....	62,737	17,427
	Paperboard:			
421	Container board.....	....do.....	23,578	3,491
	Bending board:			
422	Special food board.....	....do.....	923	184
423	Other bending board.....	....do.....	8,463	1,299
424	Nonbending board.....	....do.....	30,450	4,272
425	Special paperboard and cardboard.....	....do.....	75,469	10,430

<sup>1</sup>Revised.

D Withheld to avoid disclosing figures for individual companies. NA Not available. <sup>1</sup>Contains a small amount of "sanitary tissue stock," withheld to avoid disclosure for individual companies. <sup>2</sup>Contains an insignificant amount of "own paperboard," withheld to avoid disclosure for individual companies. <sup>3</sup>Less than 100 thousand. <sup>4</sup>Contains an insignificant amount of "newsprint," withheld to avoid disclosure for individual companies. <sup>5</sup>Establishments engaged in the manufacture of paper and paperboard products for their own consumption in the manufacture (e.g., packaging) of other products at the same location, were not requested to report the value of such products nor the consumption of paper and paperboard in their manufacture. <sup>6</sup>Comparable figures for this industry covering 1954 are not available (see text and table 1A).



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2641	PAPER COATING AND GLAZING (entire industry).....	340	27,794	143,476	20,652	43,399	94,206	319,588	486,653	805,185	16,827
	Establishments with:										
	90% or more specialization.....	227	14,531	74,327	10,799	22,457	49,023	145,353	261,834	408,796	7,696
	75-89% specialization.....	39	4,993	25,646	3,749	8,139	17,336	73,442	92,086	164,791	2,613
26411	Off-machine coated paper for printing (primary product class of estab.).....	24	4,354	22,689	3,767	8,145	18,203	33,287	66,941	95,442	2,349
	Establishments with:										
	90% or more specialization....	17	2,816	14,696	2,467	5,242	11,847	21,547	44,107	64,968	1,177
26412	Oiled, waxed and wax laminated paper (primary product class of estab.).....	61	9,094	48,099	6,561	13,838	31,241	96,073	181,498	277,093	5,297
	Establishments with:										
	90% or more specialization....	32	1,647	8,692	1,222	2,508	5,783	25,710	40,208	65,912	1,548
	75-89% specialization.....	10	1,498	7,700	1,131	2,463	5,351	18,744	31,952	50,388	772
26413	Gummed products (primary product class of estab.).....	49	2,212	12,000	1,629	3,380	6,948	20,428	41,864	62,930	1,023
	Establishments with:										
	90% or more specialization....	33	1,359	7,380	973	1,969	4,127	11,649	25,509	37,796	639
26414	Pressure sensitive tape (primary product class of estab.).....	39	4,342	21,818	2,760	5,573	11,531	87,434	74,856	162,882	2,041
26415	Laminated or coated wrappers, except waxed (primary product class of estab.).....	32	2,340	11,992	1,841	3,787	8,011	25,766	41,034	66,788	592
	Establishments with:										
	90% or more specialization....	18	579	2,770	430	927	1,807	6,919	9,802	16,654	(1)
	75-89% specialization.....	5	182	834	148	286	568	1,453	3,334	4,767	(1)
26416	Other coated and processed paper, except wrappers (primary product class of estab.).....	92	4,784	23,595	3,551	7,626	15,815	49,952	76,186	125,493	5,039
	Establishments with:										
	90% or more specialization....	61	1,700	8,443	1,320	2,878	5,883	20,218	28,520	48,536	1,628
	75-89% specialization.....	11	393	1,747	286	593	1,173	3,425	6,092	9,653	(1)
2643	BAGS, EXCEPT TEXTILE BAGS (entire industry).....	461	39,042	169,888	31,667	63,197	122,343	308,874	601,838	908,521	17,747
	Establishments with:										
	90% or more specialization.....	356	25,111	105,049	20,638	40,898	77,275	200,280	385,612	584,573	11,769
	75-89% specialization.....	35	5,369	24,808	4,550	9,505	19,270	35,262	92,377	127,971	1,995
26431	Grocers' and variety bags (primary product class of estab.).....	52	10,455	47,911	8,995	18,291	37,052	82,226	193,182	275,530	3,269
	Establishments with:										
	90% or more specialization....	32	4,169	18,998	3,614	7,368	14,838	44,697	76,481	120,937	1,770
	75-89% specialization.....	5	900	4,276	787	1,575	3,459	4,838	17,506	22,183	(1)
26432	Specialty bags and liners (primary product class of estab.).....	276	14,392	66,773	10,506	21,608	41,304	125,005	201,146	323,713	7,471
	Establishments with:										
	90% or more specialization....	197	6,217	26,512	4,660	9,618	17,163	50,325	87,379	136,642	3,043
	75-89% specialization.....	28	1,832	8,809	1,403	2,909	5,488	15,678	25,054	40,238	1,067
26433	Shipping sacks and multiwall bags (primary product class of estab.)..	76	13,117	51,654	11,218	21,767	40,940	94,427	197,937	292,388	6,303
	Establishments with:										
	90% or more specialization....	55	8,910	33,887	7,692	14,644	27,070	63,951	127,827	191,658	4,773
	75-89% specialization.....	5	1,181	5,014	1,042	1,987	4,402	9,233	20,321	29,566	(1)
2645	DIE CUT PAPER AND BOARD (entire industry).....	372	12,209	58,512	9,441	18,538	39,122	111,164	139,070	251,364	5,836
	Establishments with:										
	90% or more specialization.....	271	8,255	41,470	6,399	12,601	27,361	77,824	108,021	187,155	4,123
	75-89% specialization.....	18	1,508	6,987	1,101	2,191	4,629	14,268	12,208	26,475	556
26451	Office supplies and miscellaneous products (primary product class of estab.).....	272	9,766	47,423	7,474	14,644	31,438	89,958	105,421	196,204	5,164
	Establishments with:										
	90% or more specialization....	226	7,113	35,639	5,553	10,916	23,721	66,670	84,680	152,279	3,785
	75-89% specialization.....	13	1,291	5,889	936	1,837	3,941	12,348	10,007	22,418	(1)
26452	Pasted, lined, laminated, or surface coated paperboard (primary product class of estab.).....	54	1,742	8,619	1,325	2,660	5,680	17,054	32,520	49,891	(1)
	Establishments with:										
	90% or more specialization....	44	1,038	5,227	776	1,537	3,298	9,810	21,445	31,460	(1)
	75-89% specialization.....	4	211	1,061	160	345	657	1,891	2,137	3,964	(1)

See footnote at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2646	PRESSED AND MOLDED PULP GOODS (entire industry).....	55	4,472	21,254	3,697	7,781	15,929	49,819	30,157	78,780	2,170
26461	Bituminous fibre pipe and conduit (primary product class of estab.)..	9	1,394	7,132	1,139	2,311	5,148	19,108	9,894	28,642	639
	Establishments with: 90% or more specialization....	9	1,394	7,132	1,139	2,311	5,148	19,108	9,894	28,642	639
26462	Other pressed and molded pulp goods (primary product class of estab.)..	45	3,072	14,096	2,553	5,461	10,759	30,711	20,262	50,137	1,391
2649	PAPER AND BOARD PRODUCTS, NEC (entire industry).....	739	46,892	213,489	37,353	71,999	145,481	463,668	784,618	1,245,092	26,504
	Establishments with: 90% or more specialization.....	530	30,796	141,513	24,255	48,829	99,643	325,269	578,138	901,953	
	75-89% specialization.....	45	5,834	25,532	4,352	8,675	17,073	58,398	61,789	119,709	
26491	Stationery, tablets, and related products (primary product class of estab.).....	105	9,903	43,239	7,545	14,913	27,439	72,607	95,215	168,221	2,816
	Establishments with: 90% or more specialization....	83	6,183	27,675	4,658	9,298	17,104	48,871	62,079	110,865	1,651
	75-89% specialization.....	10	1,285	5,103	995	1,908	3,469	8,399	11,562	19,959	
26492	Wrapping products (primary product class of estab.).....	41	3,228	13,649	2,339	4,631	8,588	28,699	38,286	66,145	1,332
	Establishments with: 90% or more specialization....	21	1,136	3,816	890	1,592	2,640	10,127	10,570	20,365	587
	75-89% specialization.....	8	1,424	6,709	948	2,033	3,880	12,902	15,632	28,315	
26493	Sanitary tissue health products (primary product class of estab.)..	91	14,887	72,000	14,021	25,939	57,251	180,195	474,089	651,210	10,990
	Establishments with: 90% or more specialization....	71	9,265	44,665	9,221	16,124	35,085	114,112	298,256	410,943	8,882
	75-89% specialization.....	10	974	4,660	760	1,619	3,321	12,035	24,901	36,783	( <sup>1</sup> )
26494	Sanitary napkins and tampons (primary product class of estab.)..	10	3,245	16,736	1,938	3,911	8,828	49,559	48,097	97,822	1,681
26495	Other converted paper and board products (primary product class of estab.).....	217	13,638	61,048	9,890	19,711	37,905	119,878	114,931	234,922	8,013
	Establishments with: 90% or more specialization....	175	7,085	31,165	5,447	10,834	20,616	57,515	71,316	129,296	5,124
	75-89% specialization.....	18	2,512	10,487	1,866	3,568	7,222	29,226	15,051	44,080	( <sup>1</sup> )

<sup>r</sup>Revised.    <sup>1</sup>Less than \$500 thousand.



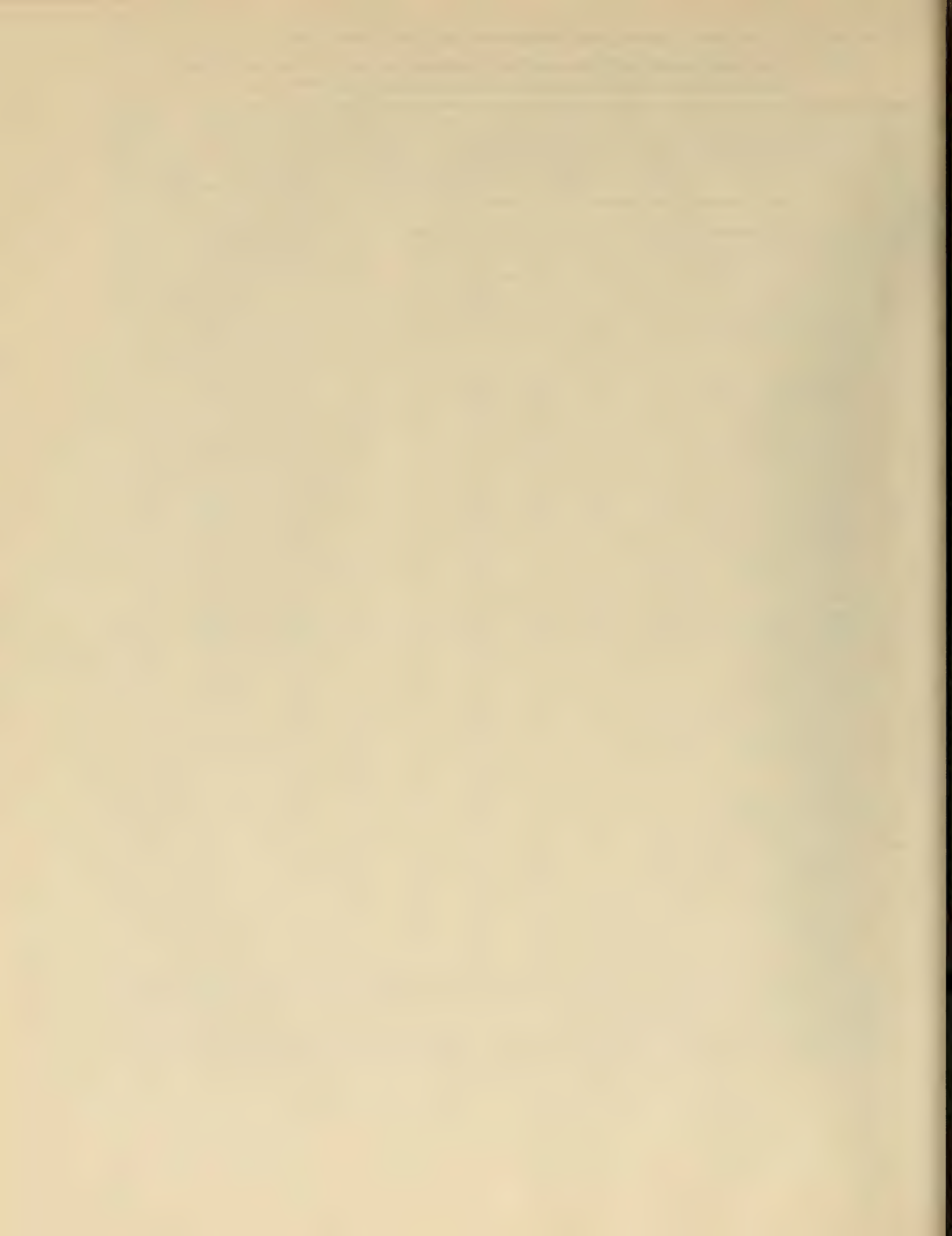
Table 9.—Printing Employment and Type of Press Equipment Operated by Converted Paper and Board Products Industries, for Divisions: 1958

Code	Industries	Number of establishments reporting printing activity <sup>1</sup>	Number of production workers engaged in printing <sup>2</sup>	Type of press equipment operated <sup>1</sup>						
				Number of establishments reporting each						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	En-graving	Other <sup>3</sup>
	Total, all paper and board converting industries except containers and boxes.....	572	11,148	328	95	68	239	19	30	58
2641	Paper coating and glazing:									
	Total, all establishments.....	77	2,033	39	7	32	42	2	2	5
	New England.....	15	379	5	1	8	6	1	1	2
	Middle Atlantic.....	11	125	1	2	3	5	...	...	...
	East North Central.....	26	1,038	15	4	9	16	1	...	1
	West North Central.....	6	138	5	...	2	4	...	...	...
	South Atlantic.....	5	55	2	...	3	2	...	...	1
	East South Central.....	1	6	1	...	1	1	...	...	...
	West South Central.....	5	89	3	...	2	4	...	...	...
	Pacific.....	8	203	7	...	4	4	...	1	1
2642	Envelopes:									
	Total, all establishments.....	113	1,898	105	17	3	41	...	...	9
	New England.....	12	259	11	1	2	5	...	...	2
	Middle Atlantic.....	25	380	21	...	1	9	...	...	2
	East North Central.....	27	652	25	5	...	9	...	...	2
	West North Central.....	13	184	13	2	...	8	...	...	1
	South Atlantic.....	10	106	10	2	...	2	...	...	1
	East South Central.....	3	24	3	2	...	...	...	...	...
	West South Central.....	8	87	8	2	...	1	...	...	1
	Mountain.....	2	32	2	1	...	1	...	...	...
	Pacific.....	13	174	12	2	...	6	...	...	...
2643	Bags, except textile bags:									
	Total, all establishments.....	179	3,111	54	16	17	129	2	14	21
	New England.....	7	109	1	1	...	6	2	1	...
	Middle Atlantic.....	43	650	12	1	7	37	...	...	4
	East North Central.....	32	528	7	3	1	22	...	1	3
	West North Central.....	14	377	6	4	3	6	...	3	2
	South Atlantic.....	28	614	14	1	1	19	...	5	1
	East South Central.....	12	248	4	3	1	7	...	2	4
	West South Central.....	16	247	5	...	1	12	...	2	2
	Mountain.....	1	1	...	1	...	...	...	...	...
	Pacific.....	26	337	5	2	3	20	...	...	5
2644	Wallpaper:									
	Total, all establishments.....	23	250	...	3	1	...	12	1	5
	New England.....	1	5	...	...	...	...	1	...	...
	Middle Atlantic.....	14	93	...	2	...	...	8	1	3
	East North Central.....	7	130	...	1	1	...	2	...	2
	Pacific.....	1	22	...	...	...	...	1	...	...
2645	Die cut paper and board:									
	Total, all establishments.....	66	2,220	52	19	7	6	1	6	5
	New England.....	5	27	5	2	...	...	...	...	...
	Middle Atlantic.....	27	776	18	4	2	2	...	3	2
	East North Central.....	14	674	11	7	1	2	1	1	1
	West North Central.....	1	10	1	...	1	...	...	...	...
	South Atlantic.....	6	359	5	...	1	1	...	...	1
	West South Central.....	2	90	2	...	1	...	...	1	...
	Mountain.....	1	4	1	...	...	...	...	...	...
	Pacific.....	10	280	9	6	1	1	...	1	1
2646	Pressed and molded pulp goods:									
	Total, all establishments.....	5	13	1	1	...	1	...	...	1
	New England.....	3	11	1	...	...	1	...	...	...
	East North Central.....	2	2	...	1	...	...	...	...	1
2649	Paper and board products, nec:									
	Total, all establishments.....	109	1,623	77	32	8	20	2	7	12
	New England.....	14	271	11	6	2	2	1	3	...
	Middle Atlantic.....	41	552	30	12	3	5	...	...	3
	East North Central.....	27	326	17	6	2	5	...	2	6
	West North Central.....	4	49	4	1	...	...	...	1	...
	South Atlantic.....	5	110	4	1	1	...	...	1	1
	East South Central.....	2	49	1	1	...	1	...	...	...
	West South Central.....	3	21	2	3	...	...	1	...	...
	Mountain.....	2	11	1	...	...	1	...	...	...
	Pacific.....	11	234	7	2	...	6	...	...	2

<sup>1</sup>Since some establishments reported that they were operating more than one type of press, the detail by type of press exceeds the total "number of establishments reporting printing activity" in some instances. Moreover, it should be noted that in this special inquiry converters of paper and board products were asked merely to indicate the type of press equipment operated, thus these figures understate the number of presses operated by manufacturers of converted paper and board products.

<sup>2</sup>Establishments were asked to report the approximate number of production workers who were engaged in printing operations (composing, plate making, printing, etc.) at their establishment during 1958.

<sup>3</sup>Believed to consist principally of relief-type presses generally classified as letterpress or flexographic, in addition to a small number of unspecified and "other" type presses. Most of the establishments reporting in this category are manufacturers of corrugated shipping containers.





# Paperboard Containers and Boxes

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries—

## S.I.C. Code and Title (1957 Edition)

- 2651—Folding Paperboard Boxes
- 2652—Set-Up Paperboard Boxes
- 2653—Corrugated and Solid Fiber Boxes
- 2654—Sanitary Food Containers
- 2655—Fiber Cans, Tubes, Drums, and Similar Products

There is a high degree of integration between Industry 2631, Paperboard Mills, and the various board converting industries, except Industries 2652 and 2655, which rely principally on market purchases of paperboard. In industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

### 2651—Folding Paperboard Boxes

This industry comprises establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard (including interplant transfers). For a detailed list of products of Industry 2651, refer to table 6A, product codes 2651010 to 2651098.

In the 1957 edition of the Standard Industrial Classification Manual, old Industry 2671, Paperboard Boxes, was split into three new industries, one of which is Industry 2651, Folding Paperboard Boxes. Prior to 1958, "Folding Paperboard Boxes" was classified as a separate product class in old Industry 2671, and no change in product content was made in revising its status to a four-digit industry.

Value of shipments and other receipts of the Folding Paperboard Boxes Industry in 1958 totaled \$887 million. This included shipments of folding paperboard boxes (primary products), valued at \$736 million, shipments of other products (secondary products) valued at \$134 million, resales of \$10 million and other miscellaneous receipts of \$6 million.

This industry's shipments of folding paperboard boxes (primary products) in 1958 represented 85 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of corrugated shipping containers, \$59 million; sanitary food containers, \$30 million; set-up paperboard boxes \$15 million; and commercial pointing of labels and wrappers of \$9 million.

Industry 2651 shipments of folding paperboard boxes (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$815 million shipped by all industries. Other industries shipping folding paperboard boxes (primary products) consisted mainly of Industry 2653, Corrugated Shipping Containers, \$28 million; Industry 2654, Sanitary Food Containers, \$25 million; and Industry 2752, Printing: Lithographic, \$8 million.

### 2652—Set-Up Paperboard Boxes

This industry comprises establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard (including interplant transfers).

In the 1957 edition of the Standard Industrial Classification Manual, old Industry 2671, Paperboard Boxes, was split into three new industries, one of which is Industry 2652, Set-Up Paperboard Boxes. Prior to 1958, "Set-Up Paperboard Boxes" was classified as a separate product class in old Industry 2671, and no change in product content was made in revising its status to a 4-digit industry.

Value of shipments and other receipts of the Set-Up Paperboard Boxes Industry in 1958 totaled \$219 million. This included shipments of set-up paperboard boxes (primary products), valued at \$198 million, shipments of other products (secondary products) valued at \$17 million, and miscellaneous receipts (mainly resales) of \$5 million.

This industry's shipments of set-up paperboard boxes (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of folding paperboard boxes, \$7 million; and fiber cans, tubes, etc., \$2 million.

Industry 2652 shipments of set-up paperboard boxes (primary products) in 1958 represented 87 percent (coverage ratio) of these products valued at \$226 million shipped by all industries. Other industries shipping set-up paperboard boxes (primary products) consisted mainly of Industry 2651, Folding Paperboard Boxes, \$15 million; and Industry 2653, Corrugated Shipping Containers, \$7 million.

### 2653—Corrugated and Solid Fiber Boxes

This industry comprises establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock (including interplant transfers). Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets. For a detailed list of products of Industry 2653, refer to table 6A, product codes 2653010 to 2653068.

In the 1957 edition of the Standard Industrial Classification Manual, old Industry 2671, Paperboard Boxes, was split into three new industries, one of which is Industry 2653, Corrugated Shipping Containers. Prior to 1958, "Corrugated and Solid Fiber Boxes" was classified as a separate product class in old Industry 2671. In addition, corrugated paperboard in sheets and rolls, pallets, and other packaging accessories, formerly considered primary to Industry 2699, Paper and Board Products, N.E.C., are now included in this industry. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Value of shipments and other receipts of the Corrugated Shipping Containers Industry in 1958 totaled \$1,636 million. This included shipments of corrugated shipping con-



tainers (primary products), valued at \$1,549 million, shipments of other products (secondary products) valued at \$51 million, resales of \$18 million and other miscellaneous receipts of \$18 million.

This industry's shipments of corrugated shipping containers (primary products) in 1958 represented 97 percent (specialization ratio) of its total products shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of folding paperboard boxes, \$28 million; set-up paperboard boxes, \$7 million; and sanitary food containers, \$5 million.

Industry 2653 shipments of corrugated shipping containers (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$1,628 million shipped by all industries. Other industries shipping corrugated shipping containers (primary products) consisted mainly of Industry 2651, Folding Paperboard Boxes, \$59 million; Industry 3221, Glass Containers, \$5 million; and Industry 2643, Bags, Except Textile Bags, \$4 million.

#### 2654—Sanitary Food Containers

This industry comprises establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream. For a detailed list of products of Industry 2654, refer to table 6A, product codes 2654111 to 2654398.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2654 from code number 2699 in the previous classification system but were not changed as to content. Prior to 1958, this industry was a part of Industry 2699, Paper and Board Products, N.E.C.

In the 1957 edition of the Standard Industrial Classification Manual the following products were classified as primary to this industry, in addition to those composing old product class 26993, Sanitary food containers: stamped plates, dishes, spoons, forks, etc., and soda straws, except glass. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Value of shipments and other receipts of the Sanitary Food Container Industry in 1958 totaled \$680 million. This included shipments of sanitary food containers (primary products), valued at \$595 million, shipments of other products (secondary products) valued at \$54 million, resales of \$23 million and other miscellaneous receipts of \$8 million.

This industry's shipments of sanitary food containers (primary products) in 1958 represented 92 percent (spe-

cialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of folding paperboard boxes, \$25 million; bottle caps, closures and lids, \$8 million; and other converted paper and board products, n.e.c., \$7 million.

Industry 2654 shipments of sanitary food containers (primary products) in 1958 represented 93 percent (coverage ratio) of these products valued at \$642 million shipped by all industries. Other industries shipping sanitary food containers (primary products) consisted mainly of Industry 2651, Folding Paperboard Boxes, \$30 million; Industry 2653, Corrugated Shipping Containers, \$5 million; and \$3 million each by Industry 2649, Converted Paper and Board Products, N.E.C., and Industry 2641, Paper Coating and Glazing.

#### 2655—Fiber Cans, Tubes, Drums, and Similar Products

This industry comprises establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials (including interplant transfers); and vulcanized fiber boxes. For a detailed list of products of Industry 2655, refer to table 6A, product codes 2655151 to 2655298.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2655 from code number 2674 in the previous classification system but were only slightly changed as to content in comparison with data classified by the previous system. Vulcanized fiber boxes, formerly classified in Industry 2671, Paperboard Boxes, are now included in this industry. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Value of shipments and other receipts of the Fiber Cans, Tubes, Drums, etc., Industry in 1958 totaled \$166 million. This included shipments of fiber cans, tubes, drums, etc., (primary products), valued at \$158 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts (mainly resales) of \$4 million.

This industry's shipments of fiber cans, tubes, drums, etc., (primary products) in 1958 represented 98 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 97 percent. No significant volume of secondary products was shipped by this industry in 1958.

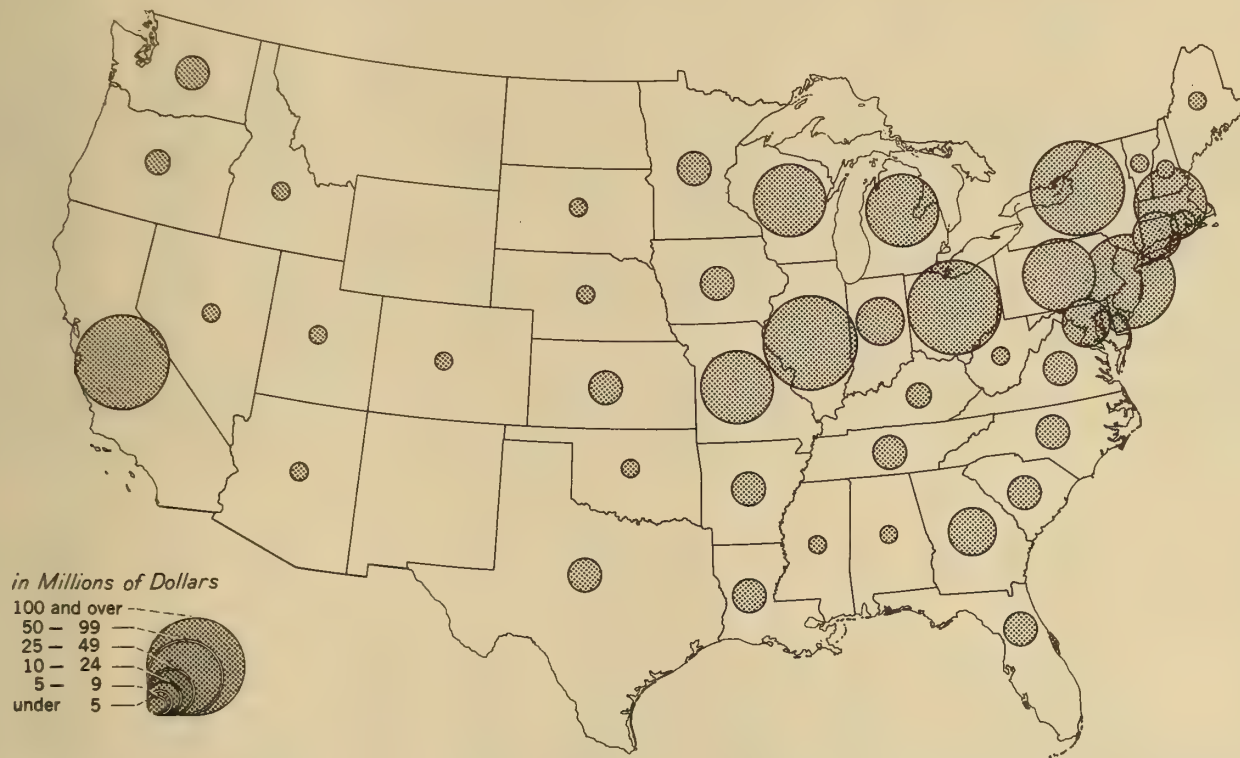
Industry 2655 shipments of fiber cans, tubes, drums, etc., (primary products) in 1958 represented 83 percent (coverage ratio) of these products valued at \$189 million shipped by all industries. In 1954, the coverage ratio was 87. Other industries shipping fiber tubes, cans, drums, etc., (primary products) consisted mainly of Industry 3411, Metal Cans, \$13 million; and Industry 3079, Miscellaneous Plastic Products, \$8 million.



The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## PAPERBOARD CONTAINERS AND BOXES: SIC 265

Value Added by Manufacture by State: 1958



Includes Industries 2651, 2652, 2653, 2654 and 2655. See Table 2.

Bureau of the Census M-58-D265

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ializa- tion ratio <sup>6</sup> (per- cent)	Cov- er- age ratio <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2651	Folding paperboard boxes <sup>8</sup> .....	454	514	341	46,389	221,989	37,386	77,463	159,445	1391,031	1501,860	887,209	22,333	85	90
2652	Set-up paperboard boxes <sup>8</sup> .....	505	527	347	23,532	80,924	19,942	38,304	59,368	124,892	95,072	219,240	5,930	92	87
2653	Corrugated shipping containers <sup>8</sup> .....	547	805	514	170,792	345,117	53,531	110,517	233,981	596,934	1,042,089	1,635,650	46,348	97	95
	Sum of above indus- tries (formerly industry 2671): <sup>8</sup>														
	1958.....	1,506	1,846	1,202	140,713	648,030	110,859	226,284	452,794	1,112,857	1,639,021	2,742,099	74,611	...	...
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	145,815	644,364	117,389	234,549	451,312	1,095,454	1,603,691	2,699,145	(NA)	...	...
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	145,504	618,721	118,126	242,032	437,881	1,073,631	1,589,162	2,645,948	91,282	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	140,646	579,426	114,863	236,985	410,742	985,602	1,463,630	2,449,233	(NA)	(NA)	(NA)
	1954.....	1,433	1,704	1,123	132,964	525,685	107,762	221,054	371,275	902,361	1,309,280	2,208,891	60,490	96	98
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	132,185	514,279	109,097	254,008	374,461	900,014	1,277,617	2,177,631	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	120,125	445,596	99,156	229,929	320,023	792,512	1,162,519	1,955,031	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	122,766	421,001	101,944	232,412	302,640	851,346	1,263,434	2,114,780	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	117,731	374,921	98,747	211,202	275,389	682,241	985,494	1,667,735	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	108,241	329,442	90,075	187,848	237,932	560,935	816,881	1,377,816	(NA)	(NA)	(NA)
	1947.....	1,323	1,520	1,046	109,745	292,865	94,596	199,590	217,079	632,933	841,810	1,474,743	52,014	97	98
	1939.....	(NA)	1,338	(NA)	75,376	95,873	62,530	(NA)	63,806	168,871	213,839	382,710	(NA)	(NA)	(NA)
	1937.....	(NA)	1,226	(NA)	(NA)	(NA)	62,620	(NA)	63,301	163,377	231,410	394,787	(NA)	(NA)	(NA)
	1935.....	(NA)	1,214	(NA)	63,140	70,150	55,276	(NA)	50,579	129,733	168,915	298,648	(NA)	(NA)	(NA)
	1933.....	(NA)	1,104	(NA)	53,111	47,552	47,220	(NA)	37,614	96,678	126,326	223,004	(NA)	(NA)	(NA)
	1931.....	(NA)	1,214	(NA)	(NA)	(NA)	46,722	(NA)	44,085	104,621	113,251	217,872	(NA)	(NA)	(NA)
	1929.....	(NA)	1,249	(NA)	63,454	79,425	55,654	(NA)	57,110	134,413	159,840	294,253	(NA)	(NA)	(NA)
	1927.....	(NA)	1,219	(NA)	64,137	78,440	56,398	(NA)	57,701	138,091	168,464	306,555	(NA)	(NA)	(NA)
	1925.....	(NA)	1,229	(NA)	64,532	75,608	57,148	(NA)	57,172	130,232	151,712	281,944	(NA)	(NA)	(NA)
	1923.....	(NA)	1,216	(NA)	64,273	71,718	56,855	(NA)	53,966	120,130	144,079	264,209	(NA)	(NA)	(NA)
	1921.....	(NA)	1,191	(NA)	52,300	54,818	46,242	(NA)	40,477	85,980	88,268	174,248	(NA)	(NA)	(NA)
	1919.....	(NA)	1,201	(NA)	62,641	58,898	55,862	(NA)	43,326	105,284	101,135	206,419	(NA)	(NA)	(NA)
	1914.....	(NA)	1,043	(NA)	49,858	24,592	45,311	(NA)	18,705	38,443	36,268	74,711	(NA)	(NA)	(NA)
	1909.....	(NA)	949	(NA)	42,753	17,724	39,514	(NA)	14,015	28,734	25,716	54,450	(NA)	(NA)	(NA)
	1904.....	(NA)	796	(NA)	34,408	12,521	32,082	(NA)	10,208	20,181	16,686	36,867	(NA)	(NA)	(NA)
	1899.....	(NA)	729	(NA)	29,021	9,421	27,653	(NA)	8,152	15,551	11,765	27,316	(NA)	(NA)	(NA)
2654	Sanitary food containers: <sup>10</sup>														
	1958.....	65	136	125	29,493	139,131	23,424	49,777	103,542	309,224	374,425	680,079	35,112	92	93
	1954.....	(NA)	97	(NA)	24,051	99,422	19,559	41,855	74,703	217,076	239,515	456,592	(NA)	(NA)	(NA)
2655 (old SIC 2674)	Fiber cans, tubes, etc: <sup>11</sup>														
	1958.....	153	198	112	10,971	47,855	9,250	18,399	36,527	79,548	86,033	165,627	8,098	98	83
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	10,594	45,584	9,037	16,624	34,801	79,913	(NA)	168,588	3,957	...	...
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	10,827	45,009	9,301	18,612	34,803	76,539	86,771	162,544	4,658	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	10,994	42,874	9,543	19,043	33,441	69,269	79,953	148,749	(S)	(NA)	(NA)
	1954.....	148	184	99	12,088	44,958	10,460	21,117	34,861	74,377	72,419	148,551	3,408	97	88
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	13,377	48,220	11,773	23,687	38,153	86,067	87,351	173,418	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	10,687	35,221	9,221	18,654	27,728	63,012	62,508	125,520	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	10,202	32,441	8,881	17,574	25,850	58,216	59,898	118,114	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	9,505	28,488	8,248	16,975	22,913	47,413	48,713	96,126	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,444	24,023	7,262	14,271	19,147	36,918	37,768	74,686	(NA)	(NA)	(NA)
	1947.....	109	129	73	9,237	22,973	8,134	16,753	18,687	36,354	37,458	73,812	(NA)	...	...
	1939.....	(NA)	116	(NA)	7,790	9,658	6,637	(NA)	6,963	19,393	13,952	33,345	(NA)	(NA)	(NA)
	1937 <sup>12</sup> .....	(NA)	100	(NA)	(NA)	(NA)	6,104	(NA)	6,347	18,703	14,089	32,792	(NA)	(NA)	(NA)

NA Not available. R Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.



Footnotes for Table 1—26C

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2651 }	895,298	2654	217,076
2652 }		2655	76,684
2653 }			

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2651	491,839	1,284,281	2654	352,803	239,515
2652	91,826		2655	83,284	74,177
2653	1,025,300				

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2651	876,365	2,179,580	2654	657,212	456,592
2652	215,466		2655	162,523	150,863
2653	1,617,841				

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The three industries shown above were a single industry in 1957 and earlier years. They are shown combined so that historical data may be presented. These industries constituted separate product classes of old SIC Industry 2671, Paperboard Boxes. No changes in product content were made except in the case of Industry 2653, Corrugated and Solid Fiber Boxes, for which see text and table 1A below.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>Until 1958 this industry was a part of old SIC Industry 2699, Paper and Board Products, NEC. (See text and table 1A below).

<sup>11</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>12</sup>Data for "Fiber Cans, Tubes and Drums" are included in the figures for "Paperboard Boxes" for years prior to 1937.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
Industry 2653—Corrugated shipping containers....	805	514	r70,792	596,934	xxx	xxx	xxx	xxx
Old Industry 2671—Paperboard boxes.....	759	489	r69,141	582,416	1,846	1,202	140,713	1,115,617
Old Industry 2699—Paper and board products, nec.....	46	25	1,651	14,518	r981	r516	r81,298	r802,626
Industry 2654—Sanitary food containers.....	136	125	29,493	309,224	xxx	xxx	xxx	xxx
Old Industry 2699—Paper and board products, nec.....	136	125	29,493	309,224	r981	r516	r81,298	r802,626
Industry 2655—Fiber cans, tubes, drums, etc.....	198	112	10,971	79,548	xxx	xxx	xxx	xxx
Old Industry 2671—Paperboard boxes.....	9	3	358	2,423	1,846	1,202	140,713	1,115,617
Old Industry 2674—Fiber cans, tubes, drums, and similar products.....	189	109	10,613	77,125	189	109	10,613	77,125

<sup>r</sup>Revised.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2651	Folding paper-board boxes, total	514	341	46,389	221,989	37,386	77,463	159,445	1391,031	887,209	22,333	(3)	(3)	(3)
	New England.....	65	43	5,820	26,840	4,700	9,838	19,262	45,254	101,571	2,270	(3)	(3)	(3)
	Massachusetts..	36	27	2,865	12,396	2,289	4,909	8,921	22,609	50,825	957	(3)	(3)	(3)
	Connecticut	21	13	2,732	13,622	2,222	4,553	9,730	21,383	48,713	1,061	(3)	(3)	(3)
	Middle Atlantic..	174	111	13,138	62,410	10,755	22,223	45,469	107,141	231,061	5,336	(3)	(3)	(3)
	New York.....	90	52	6,355	30,452	5,236	10,910	22,743	48,798	105,490	1,812	(3)	(3)	(3)
	New Jersey.....	30	23	2,929	15,077	2,325	4,775	10,223	24,432	49,898	1,494	(3)	(3)	(3)
	Pennsylvania...	54	36	3,854	16,881	3,194	6,538	12,503	33,911	75,673	2,030	(3)	(3)	(3)
	East North													
	Central.....	121	85	13,937	69,443	11,066	22,286	48,885	119,394	281,222	7,885	(3)	(3)	(3)
	Ohio.....	32	23	4,364	21,240	3,530	7,178	15,326	36,611	90,550	3,801	(3)	(3)	(3)
	Illinois.....	51	33	4,778	24,213	3,830	7,784	17,452	42,239	99,598	1,538	(3)	(3)	(3)
	Michigan.....	12	9	1,884	9,803	1,431	2,845	7,013	15,832	40,901	1,317	(3)	(3)	(3)
	West North													
	Central.....	27	16	2,492	12,117	1,989	4,186	8,752	22,226	51,162	(2)	(3)	(3)	(3)
	Minnesota.....	11	5	1,156	6,282	938	2,028	4,629	11,413	29,207	(2)	(3)	(3)	(3)
	South Atlantic..	35	30	5,162	23,988	4,107	9,158	16,927	42,581	102,351	2,590	(3)	(3)	(3)
	Maryland.....	12	11	2,406	12,000	1,979	4,267	8,757	19,046	41,873	1,509	(3)	(3)	(3)
	Virginia.....	5	5	533	2,413	463	1,122	1,930	5,031	14,954	(2)	(3)	(3)	(3)
	Florida.....	6	5	381	1,336	322	692	949	2,438	5,032	(2)	(3)	(3)	(3)
	East South													
	Central.....	11	10	700	2,624	579	1,157	1,919	4,526	10,776	(2)	(3)	(3)	(3)
	Tennessee.....	8	7	461	1,679	397	784	1,293	2,897	6,743	(2)	(3)	(3)	(3)
	West South													
	Central.....	22	16	1,696	6,842	1,358	2,887	4,689	13,731	30,139	710	(3)	(3)	(3)
	Texas.....	14	10	1,137	4,928	905	1,981	3,554	10,747	22,762	664	(3)	(3)	(3)
	Mountain.....	7	5	182	766	144	290	520	1,163	2,215	668	(3)	(3)	(3)
	Pacific.....	52	25	3,262	16,959	2,688	5,438	13,022	35,033	76,712	(D)	(3)	(3)	(3)
	Washington.....	5	3	270	1,309	217	417	908	2,862	5,578	(D)	(3)	(3)	(3)
	California.....	43	21	2,912	15,314	2,405	4,897	11,850	31,580	69,894	1,824	(3)	(3)	(3)
2652	Set-up paper-board boxes, total.....	527	347	23,532	80,924	19,942	38,304	59,368	124,892	219,240	5,930	(3)	(3)	(3)
	New England.....	87	54	4,217	14,177	3,498	6,774	10,167	21,884	42,232	1,503	(3)	(3)	(3)
	Massachusetts..	52	33	3,081	10,202	2,577	5,065	7,454	16,318	32,264	1,323	(3)	(3)	(3)
	Rhode Island...	12	11	520	1,582	422	750	1,013	2,153	3,732	(2)	(3)	(3)	(3)
	Middle Atlantic..	240	158	10,584	36,801	9,021	17,273	27,238	56,157	93,981	2,198	(3)	(3)	(3)
	New York.....	131	80	6,071	22,539	5,146	9,695	16,326	34,972	56,498	1,280	(3)	(3)	(3)
	New Jersey.....	35	24	1,704	5,401	1,409	2,697	3,892	7,276	12,883	(2)	(3)	(3)	(3)
	Pennsylvania...	74	54	2,809	8,861	2,466	4,881	7,020	13,909	24,600	535	(3)	(3)	(3)
	East North													
	Central.....	71	44	3,514	13,109	2,915	5,689	9,256	19,353	32,602	565	(3)	(3)	(3)
	Illinois.....	38	21	2,113	8,159	1,727	3,443	5,768	12,138	19,877	(2)	(3)	(3)	(3)
	Michigan.....	7	5	356	1,405	299	548	926	1,856	2,822	(2)	(3)	(3)	(3)
	Wisconsin.....	7	5	227	804	179	337	543	1,287	2,841	(2)	(3)	(3)	(3)
	West North													
	Central.....	21	13	895	3,489	766	1,498	2,619	5,527	10,088	(2)	(3)	(3)	(3)
	Minnesota.....	5	4	248	1,102	208	412	779	1,615	2,995	(2)	(3)	(3)	(3)
	Missouri.....	8	5	438	1,697	381	735	1,322	2,677	5,014	(2)	(3)	(3)	(3)
	South Atlantic..	53	40	2,590	7,268	2,277	4,274	5,586	11,464	22,020	(D)	(3)	(3)	(3)
	South Carolina..	4	3	165	470	147	274	372	709	1,497	(2)	(3)	(3)	(3)
	Florida.....	8	6	512	1,589	458	842	1,210	2,355	4,368	(2)	(3)	(3)	(3)
	East South													
	Central.....	21	12	530	1,452	457	865	1,184	2,341	4,584	(D)	(3)	(3)	(3)
	Tennessee.....	9	6	225	625	188	356	509	1,096	2,105	(2)	(3)	(3)	(3)
	Alabama.....	7	2	198	501	179	341	424	774	1,554	(2)	(3)	(3)	(3)
	West South													
	Central.....	5	4	133	385	113	221	309	682	1,232	(2)	(3)	(3)	(3)
	West.....	29	22	1,069	4,243	895	1,710	3,009	7,484	12,501	575	(3)	(3)	(3)
2653	Corrugated shipping containers, total.	805	514	70,792	345,117	53,531	110,517	233,981	596,934	1,635,650	46,348	(3)	(3)	(3)
	New England.....	59	31	4,311	20,287	3,286	6,673	13,520	38,259	92,576	1,827	(3)	(3)	(3)
	Massachusetts..	35	19	3,234	15,450	2,498	5,036	10,345	29,656	71,123	1,168	(3)	(3)	(3)
	Middle Atlantic..	250	147	18,583	90,032	13,974	28,973	59,700	156,636	391,526	9,385	(3)	(3)	(3)
	New York.....	131	65	6,562	32,686	4,969	10,296	21,245	58,411	142,301	3,325	(3)	(3)	(3)
	New Jersey.....	59	41	6,702	32,271	4,928	10,326	21,234	53,127	136,187	3,697	(3)	(3)	(3)
	Pennsylvania...	60	41	5,319	25,075	4,077	8,351	17,221	45,098	113,038	2,363	(3)	(3)	(3)
	East North													
	Central.....	220	157	23,314	116,954	17,486	35,805	79,299	200,862	531,914	16,737	(3)	(3)	(3)
	Ohio.....	49	40	5,999	29,809	4,492	9,080	20,139	50,993	132,770	1,965	(3)	(3)	(3)
	Indiana.....	19	17	3,055	14,540	2,312	4,498	10,116	24,875	64,508	2,831	(3)	(3)	(3)
	Illinois.....	82	54	7,428	37,919	5,517	11,487	24,839	66,521	175,868	7,806	(3)	(3)	(3)
	Michigan.....	40	26	3,387	17,021	2,551	5,091	11,717	28,570	73,115	1,738	(3)	(3)	(3)
	Wisconsin.....	30	20	3,445	17,665	2,514	5,649	12,488	29,903	85,653	2,397	(3)	(3)	(3)
	West North													
	Central.....	60	45	4,074	20,121	3,021	6,185	13,303	38,339	109,653	2,654	(3)	(3)	(3)
	Minnesota.....	7	7	568	2,716	426	814	1,768	6,419	16,664	866	(3)	(3)	(3)
	Missouri.....	26	16	1,402	6,702	1,027	2,003	4,455	10,541	30,401	(2)	(3)	(3)	(3)
	Nebraska.....	5	2	312	1,355	256	567	1,008	2,399	5,990	(2)	(3)	(3)	(3)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2653	Corrugated shipping containers—Con.													
	South Atlantic...	73	52	7,417	32,806	5,736	11,963	22,649	54,053	170,406	3,157	(3)	(3)	(3)
	Maryland.....	14	9	1,488	6,462	1,138	2,473	4,226	10,627	28,867	659	(3)	(3)	(3)
	Virginia.....	9	7	774	3,460	610	1,307	2,387	6,374	19,399	(2)	(3)	(3)	(3)
	North Carolina.	7	7	1,374	5,675	1,030	2,136	3,755	11,600	30,658	(2)	(3)	(3)	(3)
	Georgia.....	10	8	1,453	6,745	1,145	2,437	5,104	9,645	42,703	(2)	(3)	(3)	(3)
	Florida.....	18	12	1,263	6,022	923	1,833	3,871	8,573	27,537	1,133	(3)	(3)	(3)
	East South													
	Central.....	23	17	2,483	9,813	1,991	3,996	6,848	16,893	48,576	3,834	(3)	(3)	(3)
	Tennessee.....	11	8	1,508	5,774	1,196	2,525	4,053	9,935	28,944	983	(3)	(3)	(3)
	West South													
	Central.....	37	22	3,756	17,855	2,855	5,889	12,721	27,710	88,742	3,602	(3)	(3)	(3)
	Louisiana.....	6	6	2,065	9,376	1,607	3,348	7,016	11,784	42,474	754	(3)	(3)	(3)
	Texas.....	24	11	1,161	5,795	845	1,748	3,946	10,523	29,830	2,247	(3)	(3)	(3)
	Mountain.....	11	6	385	1,972	296	711	1,354	4,332	13,775	1,191	(3)	(3)	(3)
	Pacific.....	72	37	6,469	35,277	4,886	10,322	24,587	59,850	188,482	(D)	(3)	(3)	(3)
	California.....	64	30	5,130	28,617	3,847	8,259	19,831	49,404	147,228	3,365	(3)	(3)	(3)
2654	Sanitary food containers, total....	136	125	29,493	139,131	23,424	49,777	103,542	309,224	680,079	35,112	(4)	(4)	(4)
	New England.....	11	11	1,630	7,237	1,186	2,382	4,835	16,392	31,706	1,059	(4)	(4)	(4)
	Massachusetts..	8	8	864	4,274	694	1,361	2,968	8,114	15,781	646	(4)	(4)	(4)
	Middle Atlantic..	30	25	10,132	50,138	7,640	16,380	35,744	84,445	185,470	7,498	(4)	(4)	(4)
	New York.....	15	12	6,003	29,426	4,822	10,269	22,081	49,811	107,795	(D)	(4)	(4)	(4)
	New Jersey.....	8	7	1,320	7,443	1,140	2,215	6,291	14,982	34,917	2,228	(4)	(4)	(4)
	Pennsylvania...	7	6	2,809	13,269	1,678	3,896	7,372	19,652	42,758	(D)	(4)	(4)	(4)
	East North													
	Central.....	24	23	6,487	32,355	5,233	11,287	24,234	61,116	165,707	13,960	(4)	(4)	(4)
	Indiana.....	3	3	152	601	120	228	404	1,681	4,678	(D)	(4)	(4)	(4)
	Illinois.....	10	9	1,539	7,602	1,160	2,515	4,927	14,317	30,516	1,754	(4)	(4)	(4)
	Michigan.....	5	5	3,015	14,976	2,510	5,515	11,979	24,340	71,666	11,454	(4)	(4)	(4)
	West North													
	Central.....	12	11	2,897	12,130	2,446	5,335	9,582	42,016	79,067	1,642	(4)	(4)	(4)
	South Atlantic..	21	20	3,401	13,852	2,862	6,118	10,751	41,201	79,393	1,922	(4)	(4)	(4)
	Maryland.....	7	6	1,302	5,772	1,119	2,484	4,487	12,086	23,290	593	(4)	(4)	(4)
	Georgia.....	7	7	859	3,588	711	1,551	2,623	12,762	26,122	709	(4)	(4)	(4)
	East South													
	Central.....	4	4	160	543	124	247	344	1,726	2,767	908	(4)	(4)	(4)
	West South													
	Central.....	7	6	1,098	4,516	881	1,947	3,482	16,318	35,493	(2)	(4)	(4)	(4)
	West.....	27	25	3,688	18,360	3,052	6,081	14,570	46,010	100,476	7,815	(4)	(4)	(4)
	Oregon.....	3	3	492	2,414	437	801	2,109	6,504	12,948	(D)	(4)	(4)	(4)
	California	19	18	2,954	14,968	2,413	4,916	11,672	36,711	78,569	7,734	(4)	(4)	(4)
2655	Fiber cans, tubes, drums, etc., total.....	198	112	10,971	47,855	9,250	18,399	36,527	79,548	165,627	8,098	r12,088	74,377	9,237
	New England.....	22	12	923	3,674	792	1,610	2,787	6,077	11,915	(2)	r1,079	5,710	925
	Massachusetts..	13	8	393	1,515	343	700	1,214	2,437	5,341	(2)	r489	2,926	341
	Middle Atlantic..	65	32	2,883	12,150	2,476	4,816	9,508	22,149	45,622	807	r3,512	24,737	2,715
	New York.....	24	10	919	3,772	768	1,410	2,766	6,540	12,524	(D)	r843	5,780	661
	New Jersey.....	26	13	889	3,724	754	1,496	2,878	5,814	12,122	(2)	r1,535	9,957	1,068
	Pennsylvania...	15	9	1,075	4,654	954	1,910	3,864	9,795	20,976	(D)	r1,133	8,999	986
	East North													
	Central.....	56	32	2,709	12,364	2,290	4,699	9,903	19,796	45,210	828	r2,916	18,210	2,686
	Ohio.....	16	12	1,283	5,825	1,065	2,197	4,699	9,218	19,757	(2)	r1,314	8,628	1,437
	Indiana.....	4	4	189	922	157	343	702	1,467	3,422	(D)	r101	596	(D)
	Illinois.....	18	7	620	3,022	528	1,072	2,422	4,963	13,050	(2)	r827	5,424	811
	Michigan.....	11	5	269	1,189	223	437	917	2,105	4,623	(2)	r247	1,172	134
	Wisconsin.....	7	4	348	1,406	317	650	1,163	2,043	4,358	(D)	r426	2,388	(D)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Fiber cans, tubes, drums, etc.—Con. West North Central.....	9	8	1,004	4,780	817	1,666	3,500	8,099	17,199	( <sup>2</sup> )	11,110	6,577	255
	Missouri.....	5	5	787	3,921	617	1,261	2,774	6,423	13,610	( <sup>2</sup> )	(NA)	(NA)	(NA)
	South Atlantic...	18	12	2,279	10,129	1,856	3,603	7,146	13,671	24,536	(D)	(NA)	(NA)	(NA)
	East South Central.....	6	6	505	1,739	452	860	1,340	3,849	8,332	(D)	(NA)	(NA)	(NA)
	Tennessee.....	3	3	267	1,020	241	463	852	2,698	6,533	( <sup>2</sup> )	(NA)	(NA)	(NA)
	West South Central.....	7	4	205	848	180	383	672	1,619	4,112	( <sup>2</sup> )	(NA)	(NA)	(NA)
	West.....	15	6	463	2,171	387	762	1,671	4,288	8,701	( <sup>2</sup> )	1497	3,032	125

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>†</sup> Revised.<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment size range for that State.

SIC 2651, Folding Paperboard Boxes: New England—Maine, 2 (20-99); New Hampshire, 1 (1-19); Rhode Island, 5 (100-249); East North Central—Indiana, 16 (1,000-2,499); Wisconsin, 10 (500-999); West North Central—Iowa, 1 (1-19); Missouri, 14 (1,000-2,499); South Atlantic—District of Columbia, 1 (1-19); North Carolina, 7 (250-499); South Carolina, 1 (1-19); Georgia, 3 (1,461); East South Central—Kentucky, 2 (100-249); Alabama, 1 (20-99); West South Central—Arkansas, 2 (100-249); Louisiana, 5 (500-999); Oklahoma, 1 (100-249); Mountain—Colorado, 6 (100-249); Arizona, 1 (1-19); Pacific—Oregon, 4 (20-99).

SIC 2652, Set-up paperboard Boxes: New England—Maine, 6 (20-99); New Hampshire, 3 (20-99); Vermont, 1 (1-19); Rhode Island, 12 (500-999); Connecticut, 13 (250-499); East North Central—Ohio, 17 (500-999); Indiana, 2 (20-99); West North Central—Iowa, 3 (20-99); South Dakota, 1 (1-19); Nebraska, 1 (20-99); Kansas, 3 (20-99); South Atlantic—Maryland, 5 (100-249); Virginia, 5 (250-499); West Virginia, 1 (20-99); North Carolina, 21 (1,104); Georgia, 9 (250-499); East South Central—Kentucky, 3 (20-99); Mississippi, 2 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 1 (20-99); Texas, 3 (20-99); West—Colorado, 2 (20-99); Utah, 1 (20-99); Washington, 4 (20-99); Oregon, 2 (20-99); California, 20 (500-999).

SIC 2653, Corrugated Shipping Containers: New England—Maine, 3 (100-249); New Hampshire, 2 (20-99); Vermont, 1 (20-99); Rhode Island, 4 (20-99); Connecticut, 14 (500-999); West North Central—Iowa, 14 (500-999); South Dakota, 1 (20-99); Kansas, 7 (500-999); South Atlantic—Delaware, 2 (1-19); District of Columbia, 1 (1-19); West Virginia, 9 (500-999); South Carolina, 3 (250-499); East South Central—Kentucky, 8 (500-999); Alabama, 2 (1-19); Mississippi, 2 (250-499); West South Central—Arkansas, 3 (100-249); Oklahoma, 4 (250-499); Mountain—Idaho, 3 (20-99); Colorado, 3 (100-249); Arizona, 4 (20-99); Utah, 1 (20-99); Pacific—Washington, 5 (1,092); Oregon, 3 (100-249).

SIC 2654, Sanitary Food Containers: New England—Vermont, 1 (100-249); Rhode Island, 1 (250-499); Connecticut, 1 (250-499); East North Central—Ohio, 4 (500-999); Wisconsin, 2 (1,000-2,499); West North Central—Minnesota, 2 (20-99); Iowa, 2 (100-249); Missouri, 5 (1,859); Nebraska, 1 (20-99); Kansas, 2 (500-999); South Atlantic—Virginia, 2 (250-499); North Carolina, 1 (20-99); South Carolina, 1 (500-999); Florida, 3 (250-499); East South Central—Kentucky, 3 (100-249); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (500-999); Louisiana, 2 (100-249); Texas, 4 (250-499); West—Colorado, 1 (20-99); Utah, 1 (1-19); Washington, 3 (100-249).

SIC 2655, Fiber Cans, Tubes, Drums, etc.: New England—Maine, 1 (1-19); New Hampshire, 1 (100-249); Rhode Island, 4 (250-499); Connecticut, 3 (100-249); West North Central—Minnesota, 2 (100-249); North Dakota, 1 (1-19); Kansas, 1 (20-99); South Atlantic—Delaware, 1 (100-249); Maryland, 2 (20-99); District of Columbia, 1 (100-249); Virginia, 1 (1-19); North Carolina, 5 (20-99); South Carolina, 4 (1,415); Georgia, 3 (250-499); Florida, 1 (1-19); East South Central—Kentucky, 1 (20-99); Alabama, 1 (100-249); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 2 (20-99); Texas, 4 (20-99); West—Colorado, 1 (1-19); Utah, 1 (1-19); Nevada, 1 (1-19); California, 12 (250-499).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see footnote 8 of table 1 and text of this report). Comparable data for the single industry from which these three new industries were split are shown in table 2A.<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2651	Folding paper-board boxes, Set-up paper-board boxes, Corrugated and solid fiber boxes, total <sup>1</sup> ....	1,828	1,195	141,015	648,777	110,949	228,272	452,422	1,112,857	2,728,407	74,431	132,964	895,298	109,776
2652														
2653														
	New England.....	207	127	13,342	61,200	11,492	23,553	42,936	105,356	236,337	5,490	13,685	83,391	12,166
	New Hampshire.....	7	3	243	978	197	406	718	2,146	4,403	( <sup>2</sup> )	109	552	131
	Massachusetts.....	122	79	9,172	38,011	7,358	15,103	26,692	68,482	154,012	3,370	8,642	54,146	7,679
	Connecticut.....	47	28	3,894	18,333	3,084	6,372	13,159	29,583	67,249	1,655	3,860	23,786	(NA)
	Middle Atlantic.....	659	414	42,312	188,909	33,730	69,126	132,225	318,679	710,703	16,849	41,623	272,349	37,972
	New York.....	355	201	19,328	86,683	15,585	31,906	61,066	143,850	306,713	6,421	20,019	128,377	20,344
	New Jersey.....	120	85	11,047	51,313	8,457	17,460	34,461	82,087	192,109	5,500	9,350	67,490	7,096
	Pennsylvania.....	184	128	11,937	50,913	9,688	19,760	36,698	92,742	211,881	4,928	12,254	76,481	10,532
	East North													
	Central.....	405	280	40,083	196,179	30,945	63,165	135,363	334,783	833,832	24,885	38,561	282,270	30,891
	Ohio.....	100	76	11,166	53,913	8,721	17,680	37,532	91,925	231,177	5,955	10,599	74,099	9,064
	Indiana.....	37	31	5,060	24,085	3,869	7,495	16,064	41,792	98,341	3,841	4,716	33,213	(NA)
	Illinois.....	165	105	13,857	67,973	10,725	22,325	46,702	117,410	286,018	9,539	13,003	94,727	(NA)
	Michigan.....	60	38	5,586	27,996	4,243	8,422	19,474	46,033	116,292	3,054	6,063	47,932	3,832
	Wisconsin.....	43	30	4,414	22,212	3,387	7,243	15,591	37,623	102,004	2,496	4,178	32,297	3,144
	West North													
	Central.....	105	73	7,510	35,810	5,812	12,065	24,743	64,350	164,476	3,479	7,579	51,422	7,480
	Iowa.....	16	13	972	4,635	738	1,547	3,135	9,234	26,962	690	788	6,068	704
	Kansas.....	10	7	924	4,837	671	1,448	3,054	8,114	22,486	712	708	5,699	(NA)
	South.....	283	206	25,510	108,230	20,116	41,833	75,058	179,001	493,744	15,401	21,599	126,862	14,197
	West Virginia.....	10	8	625	2,318	541	1,072	1,783	4,626	11,160	( <sup>2</sup> )	687	3,764	734
	North Carolina.....	35	32	2,838	10,028	2,295	4,518	6,996	19,230	47,780	828	2,371	14,521	(NA)
	Alabama.....	11	4	701	2,564	577	1,144	1,683	2,817	9,254	( <sup>2</sup> )	718	2,858	(NA)
	Arkansas.....	6	6	408	1,701	326	643	1,153	3,252	9,603	504	153	766	(NA)
	Louisiana.....	12	10	2,397	10,481	1,892	3,926	7,752	13,509	46,426	790	2,361	15,794	1,361
	West.....	169	95	11,258	58,449	8,854	18,530	42,097	105,924	289,315	8,327	9,915	79,002	(NA)
	Colorado.....	11	9	414	1,936	333	696	1,321	3,623	7,766	777	372	2,741	(NA)
	Washington.....	14	10	1,446	6,880	1,149	2,271	4,923	11,441	40,325	( <sup>2</sup> )	1,342	13,049	1,327
	California.....	125	67	8,772	46,523	6,895	14,502	33,638	84,961	222,744	5,765	7,867	61,011	4,947

NA Not available. <sup>†</sup>Revised.<sup>1</sup>See footnote 8 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.<sup>2</sup>Less than \$500 thousand.

Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	All establishments				
	Folding paperboard boxes (SIC 2651)	Set-up paperboard boxes (SIC 2652)	Corrugated shipping containers (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, tubes, drums, etc. (SIC 2655)
Primary product specialization ratio <sup>1</sup> .....	85	92	97	92	98
Coverage ratio <sup>2</sup> .....	90	87	95	93	83
Number of establishments, total.....	514	527	805	136	198
With 1-19 employees.....	173	180	291	11	86
With 20-99 employees.....	212	297	244	62	82
With 100 employees or more.....	129	50	270	63	30
Proprietors and working partners.....Number...	112	217	176	10	50
All employees:					
Number (average for the year).....	46,389	23,532	70,792	29,493	10,971
Payroll.....\$1,000...	221,989	80,924	345,117	139,131	47,855
Production workers:					
Number (average for the year).....	37,386	19,942	53,531	23,424	9,250
March.....	37,127	18,975	52,140	23,470	9,146
May.....	36,541	19,050	51,642	23,624	8,854
August.....	37,590	20,280	53,766	23,652	9,115
November.....	38,581	21,788	56,121	22,974	9,616
Man-hours.....1,000...	77,463	38,304	110,517	49,777	18,399
January-March.....do....	18,995	8,974	25,773	12,378	4,504
April-June.....do....	18,941	9,065	26,651	12,668	4,381
July-September.....do....	19,026	9,518	28,163	12,380	4,395
October-December.....do....	20,361	10,620	29,657	12,350	4,926
Wages.....\$1,000...	159,445	59,368	233,981	103,542	36,527
Cost of materials, etc., total.....do....	r501,860	95,072	1,042,089	374,425	86,033
Materials, parts, containers, and supplies consumed.....do....	r483,506	89,074	1,010,722	346,216	81,479
Cost of resales.....do....	7,909	3,246	16,789	21,622	2,749
Fuels consumed.....do....	1,880	683	7,288	1,671	848
Electricity purchased.....do....	3,486	1,073	5,988	3,149	913
Contract work.....do....	5,079	996	1,318	1,765	44
Value of shipments (including resales), total.....do....	887,209	219,240	1,635,650	680,079	165,627
Value of resales.....do....	10,344	3,774	17,809	22,867	3,104
Value added by manufacture, adjusted.....do....	r391,031	124,892	596,934	309,224	79,548
Manufacturers' inventories:					
Beginning of year, total.....do....	103,818	24,589	164,732	106,192	18,269
Finished products.....do....	44,949	8,623	21,697	48,542	3,398
Work-in-process.....do....	27,055	4,336	20,009	8,689	2,973
Materials, supplies, fuel, etc.....do....	31,814	11,630	121,696	48,961	11,874
End of year, total.....do....	107,636	24,240	159,213	109,444	17,383
Finished products.....do....	47,514	8,783	23,199	51,104	3,429
Work-in-process.....do....	27,714	4,273	21,921	9,699	2,892
Materials, supplies, fuel, etc.....do....	32,408	11,184	114,077	48,641	11,037
Expenditures for plant and equipment, total.....do....	24,101	6,405	49,481	36,479	8,317
New, total.....do....	22,333	5,930	46,348	35,112	8,098
New structures and additions to plant.....do....	5,864	1,423	13,520	15,263	819
New machinery and equipment.....do....	16,469	4,507	32,828	19,849	7,279
Used plant and equipment.....do....	1,768	475	3,133	1,367	197

<sup>1</sup>Revised.

<sup>2</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>3</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of the primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2651	Folding paperboard boxes:											
	Number of establishments.....	514	47	56	70	115	97	83	32	13	1	...
	All employees:											
	Number.....	46,389	109	380	1,012	3,858	6,829	13,462	10,489	10,250	(D)	...
	Payroll.....\$1,000..	221,989	330	1,515	4,077	16,790	29,237	65,796	51,565	52,679	(D)	...
	Value added, adjusted..do....	391,031	674	2,994	6,878	28,923	49,906	114,076	97,534	92,806	(D)	...
	Value of shipments.....do....	887,209	2,039	6,529	15,639	62,116	109,156	243,138	216,751	231,841	(D)	...
	Capital expend., new...do....	22,333	( <sup>1</sup> )	( <sup>1</sup> )	511	2,221	2,612	6,980	3,350	6,312	(D)	...
2652	Set-up paperboard boxes:											
	Number of establishments.....	527	36	52	92	207	90	43	5	2	...	...
	All employees:											
	Number.....	23,532	93	365	1,387	6,671	6,170	6,105	2,741	(D)	...	...
	Payroll.....\$1,000..	80,924	278	1,024	4,174	21,699	21,211	22,046	10,492	(D)	...	...
	Value added, adjusted..do....	124,892	558	2,006	6,524	33,851	33,485	32,531	15,937	(D)	...	...
	Value of shipments.....do....	219,240	1,054	3,536	11,851	60,083	59,767	56,291	26,658	(D)	...	...
	Capital expend., new...do....	5,930	( <sup>1</sup> )	( <sup>1</sup> )	1,374	1,242	1,530	1,239	390	(D)	...	...
2653	Corrugated shipping containers:											
	Number of establishments.....	805	92	77	122	150	94	201	62	7	...	...
	All employees:											
	Number.....	70,792	201	512	1,673	4,760	6,882	32,014	20,116	4,584	...	...
	Payroll.....\$1,000..	345,117	610	1,972	7,107	19,869	31,422	161,986	99,653	22,498	...	...
	Value added, adjusted..do....	596,934	1,720	3,812	13,961	38,673	57,983	282,525	168,807	29,453	...	...
	Value of shipments.....do....	1,635,650	3,620	10,050	37,816	111,010	148,118	772,706	451,721	100,609	...	...
	Capital expend., new...do....	46,348	( <sup>1</sup> )	891	2,558	8,732	8,891	17,752	5,887	1,176	...	...
2654	Sanitary food containers:											
	Number of establishments.....	136	1	1	9	25	37	31	16	11	5	...
	All employees:											
	Number.....	29,493	1,011	(D)	(D)	(D)	2,684	4,608	5,210	6,720	9,260	...
	Payroll.....\$1,000..	139,131	4,011	(D)	(D)	(D)	11,049	20,717	25,844	33,324	44,186	...
	Value added, adjusted..do....	309,224	10,618	(D)	(D)	(D)	29,973	58,296	55,745	70,788	83,804	...
	Value of shipments.....do....	680,079	22,850	(D)	(D)	(D)	86,248	132,926	115,700	157,509	164,846	...
	Capital expend., new...do....	35,112	3,337	(D)	(D)	(D)	1,135	8,113	2,732	13,279	6,516	...
2655	Fiber cans, tubes, drums, etc.:											
	Number of establishments.....	198	36	20	30	47	35	25	4	...	1	...
	All employees:											
	Number.....	10,971	76	154	409	1,513	2,337	6,482	(D)	...	(D)	...
	Payroll.....\$1,000..	47,855	257	557	1,523	5,900	9,608	30,010	(D)	...	(D)	...
	Value added, adjusted..do....	79,548	704	1,124	2,752	10,747	15,577	48,644	(D)	...	(D)	...
	Value of shipments.....do....	165,627	1,372	2,225	5,306	24,924	34,744	97,056	(D)	...	(D)	...
	Capital expend., new...do....	8,098	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	822	1,013	6,113	(D)	...	(D)	...

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised

<sup>1</sup> Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2651	Folding paperboard boxes <sup>3</sup> .....1958..	887,209	736,310	134,336	16,563	85	815,362	736,310	79,052	90
2652	Set-up paperboard boxes <sup>3</sup> .....1958..	219,240	r198,038	17,279	r3,923	92	225,897	197,368	28,529	87
2653	Corrugated shipping containers <sup>3</sup> ..1958..	1,635,650	1,548,608	51,359	35,683	97	1,627,555	1,548,608	78,947	95
2654	Sanitary food containers <sup>4</sup> .....1958..	680,079	594,796	53,970	31,313	92	642,491	594,796	47,695	93
2655	Fiber cans, tubes, drums, etc...1958..	165,627	157,906	3,637	4,084	98	189,184	157,906	31,278	83
	1954..	148,551	141,798	4,292	2,461	97	r167,844	141,798	r26,046	87

<sup>r</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Comparable data for 1954 are not available. These industries made up a single industry—old SIC Industry 2671, Paperboard Boxes (see table 1 and text).

<sup>4</sup>Comparable data for 1954 are not available. This industry was a part of old SIC Industry 2699, Converted Paper and Board Products, NEC (see table 1 and text).



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other Industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of product and miscellaneous receipts	Folding paperboard boxes (SIC 2651)	Set-up paperboard boxes (SIC 2652)	Corrugated shipping containers (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, tubes, drums, etc. (SIC 2655)	Other industries	All industries
	Total shipments and receipts of the industry.....	887,209	219,240	1,635,650	680,079	165,627	xxx	xxx
	Paperboard containers and boxes, total.....	840,667	208,801	1,589,135	621,178	159,266	xxx	xxx
26510	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen foods, etc.).....	736,310	7,237	27,935	25,381	1,197	<sup>1</sup> 17,302	815,362
26520	Set-up paperboard boxes.....	14,768	198,038	7,266	...	(D)	5,825	225,897
26530	Corrugated and solid fiber boxes, including pallets.....	58,746	1,155	1,548,608	...	163	<sup>2</sup> 18,883	1,627,555
26541	Milk and other beverage cartons.....	( <sup>3</sup> )	...	( <sup>3</sup> )	198,637	...	657	199,294
26542	Cups and liquid-tight food containers.....	...	...	...	227,693	(D)	2,788	230,481
26545	Other sanitary food containers.....	29,720	( <sup>3</sup> )	4,649	168,466	...	<sup>4</sup> 9,881	212,716
26551	Paperboard and other fiber drums.....	(D)	( <sup>3</sup> )	...	...	54,359	941	55,300
26552	Fiber cans, tubes and other fiber products.....	1,123	2,371	677	1,001	103,547	<sup>2</sup> 25,165	133,884
	Other products, total.....	29,979	5,846	10,832	27,588	2,277	xxx	xxx
26412	Oiled, waxed and wax laminated paper.....	2,087	...	(D)	(D)	( <sup>3</sup> )	xxx	xxx
26451	Miscellaneous die-cut products (bottle caps, etc.).....	1,484	787	847	8,112	( <sup>3</sup> )	xxx	xxx
26452	Pasted, lined, laminated, or surface coated paperboard..	4,284	( <sup>3</sup> )	(D)	(D)	(D)	xxx	xxx
26495	Other converted paper and board products, nec.....	965	704	889	6,941	( <sup>3</sup> )	xxx	xxx
27512	Labels and wrappers, printing (letterpress).....	5,615	1,025	...	(D)	( <sup>3</sup> )	xxx	xxx
27522	Labels and wrappers, printing (lithographic).....	3,743	(D)	...	( <sup>3</sup> )	...	xxx	xxx
	Other secondary products.....	11,801	3,330	<sup>6</sup> 9,096	<sup>7</sup> 12,698	2,277	xxx	xxx
	Miscellaneous receipts, total.....	16,563	23,923	35,683	31,313	4,084	xxx	xxx
	Resales.....	10,344	3,774	17,809	22,867	3,104	xxx	xxx
	Other miscellaneous receipts.....	6,219	<sup>1</sup> 149	17,874	8,446	980	xxx	xxx

D Withheld to avoid disclosing the figures of individual companies. <sup>T</sup> Revised.

<sup>1</sup>Includes \$8.3 million shipped by Industry 2752, Printing: Lithographic; \$3.6 million by Industry 2641, Paper Coating and Glazing, and \$2.4 million by Industry 2751, Printing: Letterpress.

<sup>2</sup>Includes \$4.5 million shipped by Industry 3221, Glass Containers; \$3.6 million by Industry 2643, Bags, Except Textile Bags; \$3.2 million by Industry 2752, Printing: Lithographic; and \$2.6 million by Industry 2649, Paper and Board Products, NEC.

<sup>3</sup>Less than \$100 thousand.

<sup>4</sup>Includes \$2.9 million shipped by Industry 2649, Paper and Board Products, NEC, and \$2.8 million Industry 2641, Paper Coating and Glazing.

<sup>5</sup>Includes \$12.8 million shipped by Industry 3411, Metal Cans, and \$8.4 million by Industry 3079, Plastic Products, NEC.

<sup>6</sup>Includes more than \$2 million of shipments of product class 26431, Grocers' and variety bags, paper, the exact amount of which is withheld to avoid disclosing individual company figures.

<sup>7</sup>Includes more than \$2 million of shipments of the following product classes, the exact amounts for which are withheld to avoid disclosing individual company figures: 26452, Pasted, lined, laminated or surface-coated paperboard, and 26493, Sanitary tissue health products.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958		1954			
		Total shipments including interplant transfers <sup>1</sup>		Total shipments including interplant transfers <sup>1</sup>		Consumption of paper and board <sup>2</sup> (short tons)	
		Quantity consumed (short tons) <sup>2</sup>	Value (\$1,000)	Quantity consumed (short tons)	Value (\$1,000)	Produced by own company	Purchased
2651---	Folding paperboard boxes.....	2,502,423	815,362	2,186,622	625,374	1,096,689	1,089,933
26510--	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.).....	<sup>3</sup> 2,502,403	815,362	2,186,622	625,374	1,096,689	1,089,933
2651010	Folding boxes and cartons not classified by end-use.....	805,263	269,042				
	Folding boxes and cartons classified by end-use (except sanitary food containers).....	1,697,260	546,320				
2651012	Food, including candy and baked goods.....	671,101	198,177				
2651021	Beverage, both alcoholic and nonalcoholic.....	115,869	40,851				
2651031	Soap.....	147,281	39,977				
2651041	Tobacco.....	100,466	34,331	2,186,622	625,374	1,096,689	1,089,933
2651051	Retail and textiles, including laundry boxes.....	124,666	37,971				
2651061	Hard goods (hardware, sporting goods, toys, rubber goods, automotive parts and appliances).....	127,678	50,507				
2651071	Cosmetics and medicinal products.....	113,903	50,380				
2651081	Paper goods or products.....	114,923	35,701				
2651098	All other end-uses not specified above (military, etc.).....	181,373	58,425				
2652011	Set-up paperboard boxes <sup>4</sup> .....	556,271	225,897	497,684	220,290	35,368	462,316
2653--	Corrugated and solid fiber boxes, total.....	<sup>5</sup> 7,268,030	1,627,555	6,467,223	1,298,562	2,679,449	3,787,774
26530--	Corrugated and solid fiber boxes, including pallets.....	<sup>5</sup> 7,268,030	1,627,555	6,467,223	1,298,562	2,679,449	3,787,774
2653010- 2653019 }	Corrugated shipping containers <sup>6</sup> .....	6,562,999	1,473,482	6,012,806	1,214,587	2,430,757	3,582,049
2653051	Solid fiber.....	181,154	43,611	222,786	45,486	170,441	52,345
2653067	Corrugated paperboard in sheets and rolls lined and unlined.....	297,417	58,370	185,600	27,840	57,334	128,266
2653068	Corrugated and solid fiber pallets, pads, and partitions..	71,460	17,178	46,031	10,649	20,917	25,114
2653000	Corrugated solid fiber boxes, nsk.....	<sup>5</sup> 155,000	34,914	xxx	xxx	xxx	xxx
2654----	Sanitary food containers.....	1,272,010	642,491	xxx	488,257	439,047	583,130
2654111	Milk and other beverage cartons.....	520,208	199,294	397,721	147,527	186,260	211,461
2654231	Cups and liquid-tight food containers.....	304,442	230,481	246,061	172,243	18,831	227,230
26543--	Other sanitary food containers, boards, and trays (including frozen food, butter, oleo, etc.).....	447,360	212,716	378,395	168,487	233,956	144,439
	Food serving paper and paperboard products:						
2654311	Stamped plates, dishes, spoons, forks, and similar products.....	74,568	28,348	54,846	20,293	28,149	26,697
2654321	Soda straws, except glass.....	8,384	10,988	4,330	6,845	...	4,330
2654339	Other.....	22,488	17,874	31,983	20,768	11,791	20,192
2654341	Frozen food containers.....	77,582	32,023	54,069	24,130	28,625	25,444
2654351	Butter, oleo, shortening, and ice cream cartons.....	151,805	71,064	157,367	66,388	118,658	38,709
2654361	Food and ice cream pails.....	14,988	6,837	10,420	5,313	7,104	3,316
2654371	Meat boards, prepackaging trays and food trays.....	61,847	28,269	65,380	24,750	39,629	25,751
2654398	Other.....	35,698	17,313				
2655----	Fiber cans, tubes, drums, and similar products.....	xxx	189,184	xxx	167,844	xxx	xxx
2655151	Drums with metal, wood, or paperboard ends.....	100,180	55,300	91,801	41,008	27,726	64,075
26552--	Fiber cans, tubes, and other fiber products.....	xxx	133,884	xxx	126,836	xxx	xxx
2655211	Vulcanized fiber boxes.....	xxx	4,070	xxx	5,967	xxx	xxx
2655221	Cans, with or without metal ends.....	107,958	60,530	102,516	57,789	1,132	101,384
2655231	Cores and tubes.....	162,931	42,047	139,161	38,518	57,276	81,885
2655271	Paperboard cones, reels, spools, bobbins, and blocks.....	34,313	13,566	33,194	11,380	23,298	9,896
2655298	Other vulcanized fiber products (cans, tubes, drums, etc.).....	xxx	13,671	xxx	13,182	xxx	xxx

<sup>1</sup>Establishments engaged in the manufacture of containers and boxes for their own consumption in the manufacture (e.g., packaging) of other products at the same location were not requested to report the value of such products nor the consumption of paper and paperboard in their manufacture, unless a separate container plant was recognized in the bookkeeping records of the company. The quantity columns show the quantity of paper and paperboard consumed during the year in the manufacture of paperboard containers and boxes.

<sup>2</sup>A similar distribution for 1958 is not available. It may be possible at some future date to prepare such a breakdown of consumption between the quantity purchased in the market and that produced by own company mills. It should be noted that table 7 (Materials Consumed by Kind) presents the distribution between "purchased (market) paperboard" and "own paperboard, produced at this location or at other affiliated or associated mills," (similarly for "purchased (market) paper" and "own paper,"), on an industry basis.

<sup>3</sup>Although a relatively large proportion of the total value of shipments of folding paperboard boxes, etc., (about 70%) were reported by end-use, the proportion of the total reported for each item may vary from the 70 percent reflected in the breakout of the total for folding paperboard boxes, cartons, etc.

<sup>4</sup>Includes commercial shipments and shipment by interplant transfer to consuming plants of same company to the extent that a separate container plant was recognized in the bookkeeping records of the company. "Captive production," not separately reported, is therefore not included. (See footnote 1).

<sup>5</sup>Includes 155,000 tons of paper and paperboard consumption estimated for "corrugated solid and fiber boxes not specified by kind" (product code 2653000). The \$34,914,000 value of shipments on this line was reported by small establishments (generally less than 20 employees) which were not able to provide either a product breakdown or the quantity of paper and paperboard consumed, and the average converted value of corrugated and solid fiber boxes in terms of tons of paper and board consumed by those who reported both quantity and value, (98% of the production value of such shipments) was employed in arriving at this tonnage estimate.

<sup>6</sup>An attempt was made to obtain quantity of board consumed and value of shipments of corrugated shipping containers by specific end-use, with an additional line to accommodate in 1958 those manufacturers who could not report the end-use distribution. Of the total of \$1,473 million reported, \$1,127 million, or about 75 percent were reported as not classified by end-use. Because of the large part of the total that was not reported by end-use, the end-use figures are not shown.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Folding paperboard boxes (26512):</b>			<b>Set-up paperboard boxes (26520)—Continued</b>	1958 <sup>1</sup>	1954	<b>Corrugated and solid fiber boxes, including pallets (26530)—Continued</b>	1958 <sup>1</sup>	1954
United States, total:			New England.....	45,876	34,801	East North Central.....	536,264	426,014
1958.....	815,362		Massachusetts.....	33,670	25,157	Ohio.....	141,319	118,731
1957.....	804,629		Rhode Island.....	3,822	4,098	Indiana.....	69,000	59,042
1956.....	745,140		Connecticut.....	6,609	4,411	Illinois.....	168,389	122,222
1955.....	671,703		Middle Atlantic.....	93,710	98,428	Michigan.....	76,840	65,439
1954.....	625,374		New York.....	55,992	59,879	Wisconsin.....	80,716	60,580
1953.....	670,609		New Jersey.....	11,820	13,286	West North Central.....	115,778	78,162
1952.....	626,153		Pennsylvania.....	25,898	25,262	Minnesota.....	26,127	17,230
1951.....	667,261		East North Central.....	31,722	36,348	Iowa.....	31,977	( <sup>2</sup> )
1950.....	508,778		Ohio.....	7,169	7,089	Missouri.....	30,257	26,222
1947.....	400,755		Indiana.....	1,373	3,274	Nebraska.....	4,600	( <sup>2</sup> )
New England.....	92,895	79,742	Illinois.....	15,728	18,197	Kansas.....	21,407	16,499
Massachusetts.....	44,447	36,358	Michigan.....	3,478	3,361	South Atlantic.....	174,319	122,622
Rhode Island.....	1,377	( <sup>2</sup> )	Wisconsin.....	3,974	4,427	Maryland.....	30,214	20,822
Connecticut.....	46,791	41,873	West North Central.....	11,284	11,606	Virginia.....	19,121	12,619
Middle Atlantic.....	224,485	160,532	Minnesota.....	2,444	2,791	West Virginia.....	10,731	10,646
New York.....	102,966	84,561	Missouri.....	6,125	7,477	North Carolina.....	27,056	18,261
New Jersey.....	49,683	33,345	South Atlantic.....	22,156	17,746	Georgia.....	49,335	32,252
Pennsylvania.....	71,836	42,626	Maryland.....	1,876	1,858	Florida.....	27,339	19,437
East North Central.....	263,431	223,515	Virginia.....	2,841	2,536	East South Central.....	44,050	29,362
Ohio.....	77,342	65,962	North Carolina.....	9,177	6,597	Kentucky.....	13,521	( <sup>2</sup> )
Indiana.....	30,349	18,866	South Carolina.....	1,374	1,338	Tennessee.....	22,238	15,900
Illinois.....	90,286	71,765	Georgia.....	2,348	1,995	West South Central.....	93,276	72,182
Michigan.....	43,300	48,357	Florida.....	4,062	2,890	Louisiana.....	41,847	39,789
Wisconsin.....	22,154	18,565	East South Central.....	5,438	4,582	Texas.....	34,935	24,379
West North Central.....	40,629	34,558	Tennessee.....	2,643	2,336	Mountain.....	11,343	( <sup>2</sup> )
Minnesota.....	17,349	14,081	Alabama.....	1,788	1,111	Arizona.....	3,569	( <sup>3</sup> )
Missouri.....	20,997	18,562	West South Central.....	3,314	3,338	Pacific.....	184,885	( <sup>2</sup> )
South Atlantic.....	89,759	51,693	Texas.....	2,172	2,161	Washington.....	24,791	26,308
Maryland.....	35,685	25,549	Mountain.....	1,244	1,019	Oregon.....	7,530	( <sup>2</sup> )
Virginia.....	13,535	1,821	Pacific.....	11,153	12,104	California.....	152,564	100,219
North Carolina.....	11,533	8,764	California.....	9,806	10,923		Value of shipments	
East South Central.....	14,853	10,408		Value of shipments		<b>Milk and other beverage cartons (26541):</b>		
Tennessee.....	10,206	7,323				United States, total:		
West South Central.....	19,971	17,315				1958.....	199,294	
Louisiana.....	3,190	2,631				1954.....	147,527	
Texas.....	15,650	13,919					1958 <sup>1</sup>	
Mountain.....	2,244	1,782				Northeast.....	63,171	
Colorado.....	1,834	( <sup>2</sup> )				East North Central.....	30,844	
Pacific.....	67,095	45,844				West North Central.....	20,538	
Washington.....	3,659	2,454				South.....	44,795	
Oregon.....	3,819	2,175				Texas.....	11,212	
California.....	59,617	41,214				West.....	39,946	
	Value of shipments						Value of shipments	
<b>Set-up paperboard boxes (26520):</b>						<b>Cups and liquid-tight food containers (26542):</b>		
United States, total:						United States, total:		
1958.....	225,897		New England.....	89,830	70,388	1958.....	230,481	
1957.....	247,871		Massachusetts.....	68,527	56,742	1954.....	172,243	
1956.....	246,844		Connecticut.....	14,346	( <sup>2</sup> )		1958 <sup>1</sup>	
1955.....	231,388		Middle Atlantic.....	377,810	327,265			
1954.....	220,290		New York.....	137,839	117,903	New England.....	10,363	
1953.....	233,721		New Jersey.....	138,779	104,002	Middle Atlantic.....	68,828	
1952.....	224,086		Pennsylvania.....	101,192	105,360			
1951.....	226,814							
1950.....	199,760							
1947.....	210,578							

See footnotes at end of table.





## PAPERBOARD CONTAINERS AND BOXES

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Unit of measure	1958						1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2651— FOLDING PAPERBOARD BOXES <sup>1</sup>		INDUSTRY 2652—SET-UP PAPERBOARD BOXES <sup>1</sup>		INDUSTRY 2653— CORRUGATED SHIPPING CONTAINERS <sup>1</sup>		2651 2652 2653	Formerly 2671
	Materials and supplies, total.....		xxx	1483,506	xxx	89,074	xxx	1,010,722	xxx	1,263,317
	Paper:									
261227	Own paper, produced at this location or at other affiliated or associated mills	Short tons	258,259	216,042	{ 3,311 38,225	495 13,255	154,922 231,709	19,729 36,756	{	
261229	Purchased (market) paper.....	do....								
	Paperboard:									
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	do....	1,284,174	175,135	23,485	2,555	2,842,617	349,988	{	18,352
261239	Purchased (market) paperboard.....	do....	1,385,261	201,037	409,312	49,318	3,545,731	480,022		
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	do....								
291151	Petroleum wax.....	1,000 lbs.	12,304	1,422	(D)	(D)	3,729	403	{	
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	do....	27,662	2,269	14,526	667	336	190		
970099	All other materials and components, parts, containers and supplies consumed.....		...	187,601	...	22,461	...	123,634	xxx	188,792
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES									
	Paper:									
411	Newsprint.....	Short tons	{ 2,600	399	{ 1,695 835	265 274	...	...	{	2,567
412	Groundwood (uncoated).....	do....								
413	Paper-machine-coated.....	do....	24,658	7,645	14,897	6,240	12,827	1,803	{	99,299
414	Book (uncoated).....	do....	1,544	530	6,564	2,561	4,307	1,119		
415	Fine.....	do....	4,698	1,843	7,942	2,705	39,079	7,650	{	10,371
416	Coarse.....	do....	1,922	653	4,302	987	10,238	1,296		
417	Special industrial.....	do....	4,689	1,720	914	282	5,643	860	{	2,980
418	Sanitary tissue stock.....	do....	{ 321	74	{ (D)	(D)	...	...		
419	Tissue paper except sanitary and thin.....	do....								
421	Paperboard:									
	Container board.....	do....	504,098	64,425	20,720	2,800	6,437,936	820,446	6,205,344	723,888
	Bending board:									
422	Special food board.....	do....	190,784	35,476	1,924	197	11,524	1,745	{	2,015,127
423	Other bending board.....	do....	1,806,508	269,726	43,470	5,446	88,084	10,589		
424	Nonbending board.....	do....	89,227	9,685	342,117	40,249	30,809	2,959	{	374,945
425	Special paperboard and cardboard.....	do....	15,472	2,855	16,430	2,237	18,841	2,349		

Code	Material	Unit of measure	1958				1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2654—SANI- TARY FOOD CONTAINERS		INDUSTRY 2655—FIBER CANS, TUBES, DRUMS, ETC.			
	Materials and supplies, total.....		xxx	346,216	xxx	81,479	xxx	70,749
	Paper:							
261227	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons	8,524 48,729	1,855 12,629	{ 14,544	4,602	6,442	1,407
261229	Purchased (market) paper.....	do....						
	Paperboard:							
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	do....	579,467	105,916	151,562	14,624	{ 340,324	35,130
261239	Purchased (market) paperboard.....	do....	666,865	132,978	185,090	24,742		
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	do....	...	...	...	...		
291151	Petroleum wax.....	1,000 lbs.	221,892	20,160	2,619	275	(NA)	...
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	do....	5,327	3,048	845	318	(NA)	290
970099	All other materials and components, parts, containers and supplies consumed.....		...	69,630	...	36,918	xxx	33,922
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES							
	Paper:							
411	Newsprint.....	Short tons	{ 2,133	323	{ 4,232	531	{	(NA)
412	Groundwood (uncoated).....	do....						
413	Paper-machine-coated.....	do....	1,242	430	1,158	298	{	(NA)
414	Book (uncoated).....	do....	15,951	5,271	881	256		(NA)
415	Fine.....	do....						
416	Coarse.....	do....	31,927	7,518	{ 557	130	{	(NA)
417	Special industrial.....	do....						
418	Sanitary tissue stock.....	do....	{ 3,679	1,094	{ 6,038	1,979	{	(NA)
419	Tissue paper except sanitary and thin.....	do....						
421	Paperboard:							
	Container board.....	do....	9,559	1,666	21,986	2,136	33,745	3,189
	Bending board:							
422	Special food board.....	do....	1,093,785	216,102	1,328	188	{ 39,782	3,612
423	Other bending board.....	do....	113,927	17,969	9,680	1,303		
424	Nonbending board.....	do....	12,560	2,025	{ 7,734	831	{	868
425	Special paperboard and cardboard.....	do....						

Code	Material	Unit of measure	1958				1954	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2654—SANI- TARY FOOD CONTAINERS		INDUSTRY 2655—FIBER CANS, TUBES, DRUMS, ETC.			
	Materials and supplies, total.....		xxx	346,216	xxx	81,479	xxx	70,749
	Paper:							
261227	Own paper, produced at this location or at other affiliated or associated mills	Short tons	8,524 48,729	1,855 12,629	{ 14,544	4,602	6,442	1,407
261229	Purchased (market) paper.....	do....						
	Paperboard:							
261238	Own paperboard, produced at this location or at other affiliated or associated mills.....	do....	579,467	105,916	151,562	14,624	{ 340,324	35,130
261239	Purchased (market) paperboard.....	do....	666,865	132,978	185,090	24,742		
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	do....						
291151	Petroleum wax.....	1,000 lbs.	221,892	20,160	2,619	275	(NA)	...
282361	Plastic sheet and film (cellophane, polyethylene, etc.).....	do....	5,327	3,048	845	318	(NA)	290
970099	All other materials and components, parts, containers and supplies consumed.....		...	69,630	...	36,918	xxx	33,922
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES							
	Paper:							
411	Newsprint.....	Short tons	{ 2,133	323	{ 4,232	531	{ (NA)	(NA)
412	Groundwood (uncoated).....	do....						
413	Paper-machine-coated.....	do....	1,242	430	1,158	298	(NA)	(NA)
414	Book (uncoated).....	do....	{ 15,951	5,271	{ 881	256	{ (NA)	(NA)
415	Fine.....	do....						
416	Coarse.....	do....	{ 31,927	7,518	{ 6,038	1,979	{ (NA)	(NA)
417	Special industrial.....	do....						
418	Sanitary tissue stock.....	do....	{ 3,679	1,094	{ ...	...	{ (NA)	(NA)
419	Tissue paper except sanitary and thin.....	do....						
421	Paperboard:							
	Container board.....	do....	9,559	1,666	21,986	2,136	33,745	3,189
	Bending board:							
422	Special food board.....	do....	1,093,785	216,102	1,328	188	{ 39,782	3,612
423	Other bending board.....	do....	113,927	17,969	9,680	1,303		
424	Nonbending board.....	do....	{ 12,560	2,025	{ 7,734	831	{ 8,110	868
425	Special paperboard and cardboard.....	do....						

NA Not available. <sup>1</sup>Revised.<sup>1</sup>In 1957 and earlier years, Industries 2651, 2652, and 2653 were a part of old SIC Industry 2671, Paperboard Boxes, therefore, no separate data on material consumed were collected for these industries in 1954. (See text and table 1, footnote 8).<sup>2</sup>Includes a small amount (less than \$500,000) of "own paper", the exact figure for which is withheld to avoid disclosing individual company figures.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2651	FOLDING PAPERBOARD BOXES (entire industry).....	514	46,389	221,989	37,386	77,463	159,445	2391,031	2501,860	887,209	22,333
	Establishments with:										
	90% or more specialization.....	391	28,647	135,434	23,309	48,093	97,483	238,690	292,169	525,983	15,169
	75-89% specialization.....	46	4,715	24,070	3,805	7,824	17,334	39,997	49,394	88,860	3,271
2652	SET-UP PAPERBOARD BOXES (entire industry).....	527	23,532	80,924	19,942	38,304	59,368	124,892	95,072	219,240	...
	Establishments with:										
	90% or more specialization.....	439	17,657	59,877	15,031	28,840	44,515	93,963	73,303	166,547	5,930
	75-89% specialization.....	27	1,705	6,324	1,453	2,725	4,185	9,001	5,983	14,997	4,843
2653	CORRUGATED AND SOLID FIBER BOXES (entire industry).....	805	70,792	345,117	53,531	110,517	233,981	596,934	1,042,089	1,635,650	46,348
	Establishments with:										
	90% or more specialization.....	744	65,379	321,874	49,168	101,466	216,749	556,830	976,448	1,529,701	44,494
	75-89% specialization.....	14	350	1,320	290	629	917	1,758	1,855	3,535	168
2654	SANITARY FOOD CONTAINERS (entire industry).....	136	29,493	139,131	23,424	49,777	103,542	309,224	374,425	680,079	35,112
	Establishments with:										
	90% or more specialization.....	103	19,843	91,383	15,851	33,193	68,815	228,809	265,113	490,347	28,802
	75-89% specialization.....	11	4,557	23,139	3,490	7,830	16,732	35,761	49,578	85,014	2,429
26541	Milk and other beverage cartons (primary product class of estab.)...	43	7,630	38,710	6,240	12,717	30,344	83,986	138,258	221,965	4,394
	Establishments with:										
	90% or more specialization.....	41	5,407	27,710	4,612	8,987	22,618	71,976	119,651	191,031	1,845
26542	Cups and liquid-tight food containers (primary product class of estab.).....	34	11,808	52,089	9,123	20,082	38,040	133,114	99,814	231,544	15,549
	Establishments with:										
	90% or more specialization.....	23	9,372	41,241	7,068	15,627	29,436	111,973	73,778	184,577	13,736
	75-89% specialization.....	6	1,748	8,205	1,444	3,186	6,409	15,989	21,144	36,517	1,452
26543	Other sanitary food containers, boards, trays, etc. (primary product class of estab.).....	59	10,055	48,332	8,061	16,978	35,158	92,124	136,353	226,570	15,169
	Establishments with:										
	90% or more specialization.....	33	3,365	14,971	2,758	5,593	11,074	28,715	47,400	75,616	2,422
	75-89% specialization.....	6	1,200	6,825	909	1,971	4,705	17,113	21,856	38,296	1,484
2655	FIBER CANS, TUBES, DRUMS, ETC. (entire industry).....	198	10,971	47,855	9,250	18,399	36,527	79,548	86,033	165,627	8,098
	Establishments with:										
	90% or more specialization.....	181	10,055	43,861	8,475	16,768	33,500	73,449	77,843	151,348	7,665
	75-89% specialization.....	7	278	1,292	221	461	828	2,024	2,127	4,142	147
26551	Paperboard and other fiber drums (primary product class of estab.)...	70	2,595	12,211	2,263	4,622	10,446	24,792	32,703	57,574	941
	Establishments with:										
	90% or more specialization.....	65	2,421	11,395	2,099	4,240	9,672	23,203	29,879	53,140	898
	75-89% specialization.....	1	30	105	27	61	88	147	130	276	119
26552	Fiber cans, tubes and other fiber products (primary product class of estab.).....	128	8,376	35,644	6,987	13,777	26,081	54,756	53,330	108,053	7,157
	Establishments with:										
	90% or more specialization.....	115	7,606	32,334	6,356	12,488	23,761	50,103	47,738	97,850	6,765
	75-89% specialization.....	6	243	1,194	185	386	718	1,757	1,990	3,729	130

<sup>1</sup> Revised.<sup>1</sup> Less than \$500 thousand.



Table 9.—Printing Activity in Converted Paper and Board Products Industries, by Divisions: 1958

Code	Industries	Number of establishments reporting printing activity <sup>1</sup>	Number of production workers engaged in printing <sup>2</sup>	Type of press equipment operated <sup>1</sup> (number of establishments reporting each type of press)						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	Engraving	Other <sup>3</sup>
	Paperboard containers and boxes industries, total	853	17,016	543	117	51	107	22	10	186
2651	Folding paperboard boxes:									
	United States, total.....	277	8,401	261	50	32	33	1	2	7
	New England.....	30	810	27	6	4	...	...	...	...
	Middle Atlantic.....	82	2,254	78	13	9	9	...	...	1
	East North Central.....	81	2,932	75	13	10	11	1	1	4
	West North Central.....	13	307	13	5	1	2	...	...	...
	South Atlantic.....	19	1,240	19	3	3	2	...	1	...
	East South Central.....	8	132	8	1	1	1	...	...	...
	West South Central.....	11	95	11	2	...	1	...	...	...
	Mountain.....	4	29	4	...	...	1	...	...	...
	Pacific.....	29	602	26	7	4	6	...	...	2
2652	Set-up paperboard boxes:									
	United States, total.....	106	564	97	14	3	5	1	2	7
	New England.....	23	175	19	5	2	2	...	...	2
	Middle Atlantic.....	32	137	30	3	1	...	1	2	2
	East North Central.....	20	104	18	1	...	1	...	...	1
	West North Central.....	8	60	8	3	...	2	...	...	...
	South Atlantic.....	12	50	10	1	...	...	...	...	1
	East South Central.....	1	8	1	...	...	...	...	...	...
	West South Central.....	1	4	1	...	...	...	...	...	...
	Mountain.....	3	8	3	...	...	...	...	...	...
	Pacific.....	6	18	7	1	...	...	...	...	1
2653	Corrugated shipping containers:									
	United States, total.....	339	5,306	133	12	4	16	3	4	168
	New England.....	18	340	7	...	...	2	...	...	10
	Middle Atlantic.....	68	1,123	23	1	3	4	...	1	37
	East North Central.....	107	1,707	45	4	...	5	1	2	43
	West North Central.....	36	360	14	2	...	1	1	...	20
	South Atlantic.....	39	543	13	2	1	2	1	1	21
	East South Central.....	9	139	4	1	...	...	...	...	6
	West South Central.....	22	349	11	...	...	1	...	...	10
	Mountain.....	5	48	1	...	...	...	...	...	4
	Pacific.....	35	697	15	2	...	1	...	...	17
2654	Sanitary food containers:									
	United States.....	102	2,604	46	38	11	49	...	2	4
	New England.....	7	77	1	2	...	5	...	...	...
	Middle Atlantic.....	22	609	11	8	3	11	...	1	1
	East North Central.....	19	682	11	8	3	8	...	...	...
	West North Central.....	10	548	3	4	...	6	...	1	...
	South Atlantic.....	16	266	7	6	1	6	...	...	1
	East South Central.....	3	8	1	...	1	2	...	...	1
	West South Central.....	7	123	2	1	1	5	...	...	...
	Mountain.....	2	8	1	...	...	...	...	...	1
	Pacific.....	16	283	9	9	2	6	...	...	...
2655	Fiber cans, tubes, drums, etc.:									
	United States, total.....	29	141	6	3	1	4	17	...	...
	New England.....	4	24	2	1	...	...	1	...	...
	Middle Atlantic.....	10	36	2	...	1	2	7	...	...
	East North Central.....	8	27	...	1	...	1	5	...	...
	West North Central.....	4	20	1	...	...	...	3	...	...
	South Atlantic.....	2	33	1	1	...	1	...	...	...
	East South Central.....	1	1	...	...	...	...	1	...	...

<sup>1</sup>Since some establishments reported that they were operating more than one type of press, the detail by type of press exceeds the total "number of establishments reporting printing activity" in some instances. Moreover, it should be noted that in this special inquiry converters of paper and board products were asked merely to indicate the type of press equipment operated, thus these figures understate the number of presses operated by manufacturers of converted paper and board products.

<sup>2</sup>Establishments were asked to report the approximate number of production workers who were engaged in printing operations (composing, plate making, printing, etc.) at their establishment during 1958.

<sup>3</sup>Believed to consist principally of relief-type presses generally classified as letterpress or flexographic, in addition to a small number of unspecified and "other" type presses. Most of the establishments reporting in this category are manufacturers of corrugated shipping containers.





## Major Group 27.—Printing and Publishing

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Services Industries, and textile printing and finishing in Major Group 22.

As in previous Censuses, publishing, printing, and allied activities, other than those performed in Government-owned and operated establishments, are included as manufacturing activities. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other non-profit organizations whose employees are not covered under the Social Security system.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing

field in the Census of Manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in the publishing of one or more newspapers (see text below under Industry 2711 for the definition of a "newspaper" used in the Census of Manufactures) are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

The degree of product specialization for this Major Group taken as a whole, as well as the coverage ratio, is very close to 100 percent. For most 4-digit industries in this group, these ratios are also relatively high: that is, they are generally in the 85-95 percent range. However, for the two principal commercial printing industries (Industries 2751 and 2752) and the book printing industry (Industry 2732), the degree of specialization in primary activity falls in the 70-80 percent brackets. These lower specialization ratios reflect the tendency since World War II for printers to diversify their operations with respect not only to products or kinds of printing services performed but also the printing processes employed.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1-GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expendi- tures, new <sup>3</sup>
	Total	With 20 or more employees	Number <sup>1</sup>	Payroll (\$1,000)	Number <sup>1</sup>	Man-hours (1,000)	Wages (\$1,000)		
1958:									
All manufacturing establishments, total.....	(NA)	(NA)	872,502	4,529,128	529,504	995,923	2,590,865	7,922,962	408,610
Administrative and auxiliary establishments <sup>1</sup> .....	(NA)	(NA)	8,401	49,449	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	35,368	6,836	864,101	4,479,679	529,504	995,923	2,590,865	7,922,962	408,610
Operating manufacturing establishments (based on old SIC).....	35,338	6,810	860,333	4,462,769	526,545	989,827	2,579,891	7,891,181	407,708
Operating manufacturing establishments:									
1957 <sup>4</sup> .....	(NA)	(NA)	866,581	4,294,848	533,203	1,019,182	2,466,043	7,912,481	326,935
1956 <sup>4</sup> .....	(NA)	(NA)	853,077	4,118,192	526,790	1,017,061	2,385,823	7,546,721	289,326
1955 <sup>4</sup> .....	(NA)	(NA)	822,591	3,837,045	507,388	985,255	2,224,877	5,937,513	254,098
1954:									
All manufacturing establishments, total.....	(NA)	(NA)	808,945	3,650,757	499,191	960,515	2,112,240	5,640,388	236,897
Administrative and auxiliary establishments <sup>1</sup> .....	(NA)	(NA)	5,463	31,278	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	32,530	6,054	803,482	3,619,479	499,191	960,515	2,112,240	5,640,388	236,897
Operating manufacturing establishments:									
1953 <sup>4</sup> .....	(NA)	(NA)	760,332	3,386,515	474,006	924,397	2,013,924	5,916,432	195,082
1952 <sup>4</sup> .....	30,147	(NA)	772,801	3,267,367	471,348	999,179	1,908,702	5,660,124	188,759
1951 <sup>4</sup> .....	29,704	(NA)	765,318	3,068,288	473,802	990,845	1,791,440	5,288,507	243,806
1950 <sup>4</sup> .....	29,427	(NA)	762,716	2,908,857	471,723	1,019,047	1,702,341	4,906,834	244,396
1949 <sup>4</sup> .....	(NA)	(NA)	756,233	2,743,997	461,517	993,869	1,569,112	4,658,892	254,098
1947.....	28,978	(NA)	715,120	2,276,262	437,880	888,254	1,317,573	4,248,773	226,368
1939 <sup>6</sup> .....	24,878	(NA)	552,324	977,485	324,371	(NA)	493,444	1,765,314	(NA)
1937 <sup>7</sup> .....	22,674	(NA)	554,983	951,360	350,952	(NA)	530,214	1,784,984	(NA)
1935.....	22,505	(NA)	472,458	791,699	302,643	(NA)	443,923	1,546,640	(NA)
1933 <sup>8</sup> .....	19,216	(NA)	398,702	579,153	261,904	(NA)	353,227	1,245,328	(NA)
1931.....	24,664	(NA)	(NA)	(NA)	314,858	(NA)	535,120	1,767,976	(NA)
1929.....	27,364	(NA)	566,380	1,138,464	358,438	(NA)	636,375	2,233,209	(NA)
1927.....	25,275	(NA)	523,909	1,027,249	331,354	(NA)	589,217	1,936,069	(NA)
1925.....	23,646	(NA)	496,657	924,236	317,191	(NA)	544,200	1,757,124	(NA)
1923.....	22,897	(NA)	480,636	837,840	309,764	(NA)	494,395	1,527,106	(NA)
1921.....	22,559	(NA)	428,156	717,647	283,768	(NA)	435,655	1,305,794	(NA)
1919.....	33,262	(NA)	448,192	594,004	303,576	(NA)	352,277	1,091,039	(NA)
1914.....	34,241	(NA)	406,433	339,823	285,735	(NA)	207,025	626,926	(NA)
1909.....	32,137	(NA)	373,533	280,883	270,179	(NA)	173,478	518,925	(NA)
1904.....	28,369	(NA)	299,388	203,393	228,410	(NA)	133,404	423,919	(NA)
1899.....	24,363	(NA)	243,993	144,234	202,284	(NA)	103,782	299,708	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1954 include data for employees of Printing and Publishing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.<sup>2</sup>Value of products and receipts less cost of materials, supplies, fuel, electricity, and contract work, plus the net change in finished products and work-in-process inventories between the beginning and end of the year. For 1909-1933 cost of contract work was subtracted from value of products in calculating value added by manufacture only for the industries in which it was significant. For 1899 and 1904, cost of contract work was not subtracted from value of products for any industries. Value added by manufacture for 1909, calculated by the method used for 1899 and 1904, was \$555.5 million.<sup>3</sup>Similar data are shown for the years 1949-1953 in the Annual Survey of Manufactures volumes. Data for these establishments are not available for the years 1955-1957, or prior to 1949.<sup>4</sup>The figures for 1949-1953 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period.<sup>5</sup>The establishments classified in the Printing and Publishing Industries reported inventories for the first time in 1957. Therefore, the adjusted value added figures are not precisely comparable, in that the adjusted value added figure does not include the inventories adjustment.<sup>6</sup>The figures for 1899-1939 include data for establishments primarily engaged in the manufacture of tags, which are classified in 1947-1954 in the pulp, paper and products industries.<sup>7</sup>The figures for 1899-1937 include data for establishments primarily engaged in the manufacture of paper patterns, which are included for later years in the series for the pulp, paper and products industries.<sup>8</sup>Establishments engaged solely in music publishing were not canvassed in 1933.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
27	PRINTING AND PUBLISHING: TOTAL . . .	35 368	6 836	864 101	4 479 679	529 504	995 923	2 590 865	7 922 962	408 610	803 482	6 255 496
	NEW ENGLAND . . . . .	2 305	521	62 473	306 371	41 730	79 897	191 901	517 828	33 981	59 986	396 781
	MAINE . . . . .	144	18	2 151	8 713	1 356	2 478	5 204	15 646	986	1 943	11 751
	NEW HAMPSHIRE . . . . .	133	27	3 108	14 215	2 355	4 720	9 457	22 921	958	2 975	18 624
	VERMONT . . . . .	91	22	2 178	8 788	1 699	3 420	6 347	14 244	671	1 335	7 739
	MASSACHUSETTS . . . . .	1 272	291	37 166	183 163	24 497	46 827	113 305	319 188	22 647	36 360	241 912
	RHODE ISLAND . . . . .	165	32	3 640	17 911	2 447	4 521	11 208	29 784	1 705	3 661	24 589
	CONNECTICUT . . . . .	500	131	14 230	73 581	9 376	17 931	46 380	116 045	7 014	13 711	92 163
	MIDDLE ATLANTIC . . . . .	9 438	2 059	270 193	1 478 240	154 569	290 353	786 094	2 788 297	106 900	254 505	2 230 623
	NEW YORK . . . . .	6 260	1 338	175 119	994 025	93 204	173 146	485 554	1 955 777	65 387	168 091	1 583 450
	NEW JERSEY . . . . .	1 196	235	30 795	157 890	19 663	36 654	96 268	283 913	12 289	24 630	176 551
	PENNSYLVANIA . . . . .	1 982	486	64 279	326 325	41 702	80 553	204 272	548 607	29 224	61 783	470 620
	EAST NORTH CENTRAL . . . . .	7 690	1 727	220 835	1 199 648	141 445	271 283	729 475	2 024 951	117 270	217 187	1 703 773
	OHIO . . . . .	1 815	433	57 912	307 053	37 558	73 036	186 409	523 888	33 722	58 363	456 513
	INDIANA . . . . .	835	173	20 012	96 384	13 321	25 581	62 285	159 504	14 965	18 010	125 331
	ILLINOIS . . . . .	2 857	701	94 445	535 550	60 417	116 049	326 429	918 520	45 298	93 944	756 506
	MICHIGAN . . . . .	1 345	269	27 779	154 552	17 081	31 874	90 243	257 218	11 517	26 973	223 518
	WISCONSIN . . . . .	838	151	20 687	106 109	13 068	24 743	64 109	165 821	11 768	19 895	141 903
	WEST NORTH CENTRAL . . . . .	3 667	586	73 767	348 471	45 022	82 327	197 964	601 226	32 905	70 213	490 014
	MINNESOTA . . . . .	807	144	20 556	101 909	10 844	18 879	49 975	164 441	7 139	19 450	138 625
	IOWA . . . . .	652	92	11 228	51 059	6 806	12 779	28 817	103 593	9 563	11 393	85 727
	MISSOURI . . . . .	1 079	206	26 584	130 752	17 130	31 756	79 175	221 090	8 399	23 997	162 896
	NORTH DAKOTA . . . . .	126	13	1 230	5 237	829	1 483	3 290	8 977	688	1 220	7 382
	SOUTH DAKOTA . . . . .	166	17	1 535	5 786	1 030	1 830	3 643	9 841	557	1 441	8 236
	NEBRASKA . . . . .	354	44	5 058	22 858	3 364	6 271	13 740	40 861	2 546	4 816	32 881
	KANSAS . . . . .	483	70	7 576	30 870	5 019	9 329	19 324	52 423	3 993	7 893	54 265
	SOUTH ATLANTIC . . . . .	3 353	603	72 977	342 245	44 611	84 268	196 815	584 962	41 341	61 941	416 094
	DELAWARE . . . . .	50	10	1 276	7 051	920	1 668	4 596	10 688	318	1 323	8 929
	MARYLAND . . . . .	438	101	11 943	58 073	8 088	15 746	37 213	99 138	3 297	10 719	74 194
	DISTRICT OF COLUMBIA . . . . .	281	67	12 136	66 774	6 155	11 083	30 955	117 333	10 298	10 837	83 539
	VIRGINIA . . . . .	423	73	9 618	40 714	5 958	11 705	24 257	66 234	3 330	8 016	48 209
	WEST VIRGINIA . . . . .	184	26	3 677	15 199	2 026	3 847	8 419	25 057	2 638	3 299	19 330
	NORTH CAROLINA . . . . .	510	100	8 825	37 620	5 903	11 360	23 130	62 663	5 203	7 489	45 497
	SOUTH CAROLINA . . . . .	193	30	3 135	13 184	1 892	3 547	7 564	22 210	815	2 871	17 468
	GEORGIA . . . . .	513	94	9 600	45 013	6 403	12 053	27 410	78 011	6 789	7 964	56 213
	FLORIDA . . . . .	761	102	12 767	58 617	7 266	13 259	33 271	103 628	8 653	9 420	62 710
	EAST SOUTH CENTRAL . . . . .	1 287	205	27 622	125 556	18 590	35 785	81 198	217 959	13 846	23 941	159 411
	KENTUCKY . . . . .	359	65	7 982	39 523	5 668	11 202	26 387	61 572	3 947	7 100	46 611
	TENNESSEE . . . . .	441	75	12 245	55 277	8 354	16 017	36 033	98 023	6 426	10 067	66 606
	ALABAMA . . . . .	291	41	5 165	22 569	3 224	6 111	14 138	44 632	2 228	4 769	35 296
	MISSISSIPPI . . . . .	196	24	2 230	8 187	1 344	2 455	4 640	13 732	1 245	2 003	10 897
	WEST SOUTH CENTRAL . . . . .	2 551	340	40 827	178 210	25 169	46 827	105 010	326 323	18 322	35 762	244 960
	ARKANSAS . . . . .	219	26	2 981	11 860	1 915	3 671	7 161	20 368	2 207	2 756	15 759
	LOUISIANA . . . . .	348	47	5 276	23 406	3 261	6 064	14 050	47 726	1 673	4 736	34 571
	OKLAHOMA . . . . .	416	56	6 026	26 007	3 664	6 714	14 600	46 950	2 310	5 732	39 958
	TEXAS . . . . .	1 568	211	26 544	116 937	16 329	30 378	69 199	211 279	12 132	22 537	154 672
	MOUNTAIN . . . . .	1 123	155	17 848	81 198	11 075	19 862	51 179	147 386	9 740	14 725	102 449
	MONTANA . . . . .	113	22	1 889	8 741	1 152	1 988	5 666	14 021	1 362	1 553	9 912
	IDAHO . . . . .	104	13	1 321	5 860	847	1 509	3 788	10 456	378	966	6 777
	WYOMING . . . . .	54	9	620	2 710	416	756	1 686	4 648	273	613	3 896
	COLORADO . . . . .	384	49	6 986	32 349	4 325	7 716	20 246	54 529	2 678	5 927	39 553
	NEW MEXICO . . . . .	110	14	1 436	6 213	908	1 634	3 805	11 945	1 388	1 079	7 460
	ARIZONA . . . . .	186	23	2 877	13 010	1 562	2 860	7 421	26 057	2 605	2 196	16 646
	UTAH . . . . .	128	20	2 019	8 873	1 377	2 525	6 226	18 954	776	1 754	13 354
	NEVADA . . . . .	44	5	700	3 442	488	874	2 341	6 776	280	634	4 847
	PACIFIC . . . . .	3 953	640	77 558	419 736	45 999	82 502	244 485	714 022	34 300	65 221	511 387
	WASHINGTON . . . . .	489	66	8 058	41 638	4 600	7 836	24 166	72 252	3 322	7 457	56 765
	OREGON . . . . .	348	51	5 303	26 518	3 108	5 539	15 506	45 119	1 621	5 081	38 179
	CALIFORNIA . . . . .	3 116	523	64 197	351 580	38 291	69 127	204 813	596 651	29 357	52 682	416 442
271	NEWSPAPERS: TOTAL <sup>1</sup> . . . . .	8 250	1 724	294 258	1 493 136	154 014	276 910	775 857	2 516 921	139 871	280 895	2 135 161
272	PERIODICALS: TOTAL <sup>1</sup> . . . . .	2 323	387	66 028	380 636	11 708	21 209	56 766	932 554	35 033	62 248	795 543
273	BOOKS: TOTAL . . . . .	1 694	438	68 694	337 844	34 755	67 846	156 775	843 034	23 936	57 400	539 395
	NEW ENGLAND . . . . .	131	41	6 164	29 317	4 295	8 841	19 421	75 370	1 918	5 137	48 316
	VERMONT . . . . .	10	4	679	2 759	616	1 358	2 407	4 720	191	132	594
	MASSACHUSETTS . . . . .	72	24	4 755	23 022	3 228	6 637	14 979	64 499	1 507	4 399	43 485
	RHODE ISLAND . . . . .	6	2	223	1 283	174	297	924	2 419	70	223	1 626
	CONNECTICUT . . . . .	26	8	364	1 632	193	394	763	2 784	67	302	2 224
	MIDDLE ATLANTIC . . . . .	701	189	29 441	149 886	11 142	21 511	52 529	424 354	9 066	26 196	274 418
	NEW YORK . . . . .	530	145	21 186	111 580	7 140	13 256	35 912	337 626	7 417	21 217	237 100
	NEW JERSEY . . . . .	69	16	4 208	19 615	1 265	2 258	5 673	50 108	925	1 204	9 180
	PENNSYLVANIA . . . . .	102	28	4 047	18 691	2 737	5 997	10 944	36 620	724	3 775	28 137
	EAST NORTH CENTRAL . . . . .	341	104	18 847	93 871	9 713	19 205	45 905	221 474	7 706	16 456	154 557
	OHIO . . . . .	70	22	2 666	12 950	1 714	3 449	7 809	24 647	954	2 133	16 405
	INDIANA . . . . .	42	15	4 213	20 481	3 243	6 631	15 168	31 897	1 948	3 145	19 036
	ILLINOIS . . . . .	146	49	8 604	41 776	2 546	4 723	12 088	136 510	3 694	7 623	88 994
	MICHIGAN . . . . .	49	10	753	3 493	453	878	1 899	6 379	372	(*)	(*)
	WISCONSIN . . . . .	34	8	2 611	15 171	1 757	3 524	8 941	22 041	738	(*)	(*)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
273	BOOKS—CONTINUED											
	WEST NORTH CENTRAL . . . . .	113	27	4 686	22 174	2 931	5 264	11 987	41 935	1 151	3 701	24 586
	MINNESOTA . . . . .	33	6	2 036	9 703	1 424	2 506	5 839	16 759	300	1 586	11 482
	IOWA . . . . .	19	6	243	932	154	290	528	1 998	63	377	1 683
	MISSOURI . . . . .	39	13	2 180	10 246	1 251	2 256	5 189	20 586	609	1 207	7 693
	SOUTH ATLANTIC . . . . .	117	31	3 272	14 212	2 316	4 609	8 988	24 235	1 359	1 957	12 223
	MARYLAND . . . . .	20	9	725	3 080	468	922	1 837	5 666	234	262	2 363
	DISTRICT OF COLUMBIA . . . . .	23	4	663	3 214	430	807	1 937	5 799	(D)	269	1 789
	VIRGINIA . . . . .	9	4	762	2 566	662	1 352	2 040	4 423	277	455	2 199
	SOUTH CAROLINA . . . . .	7	3	183	677	114	209	380	980	65	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	40	12	2 997	13 377	2 203	4 377	9 410	26 218	1 213	1 832	11 547
	KENTUCKY . . . . .	10	3	390	1 348	297	597	1 006	1 913	55	(*)	(*)
	TENNESSEE . . . . .	13	7	2 357	11 212	1 756	3 468	7 868	23 106	1 089	(*)	(*)
	ALABAMA . . . . .	10	1	111	495	78	176	306	738	43	(*)	(*)
	MISSISSIPPI . . . . .	7	1	139	322	72	136	230	461	26	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	81	16	1 597	6 607	1 112	2 173	3 746	11 860	700	1 224	6 177
	ARKANSAS . . . . .	10	2	238	1 071	181	356	758	1 373	317	(*)	(*)
	TEXAS . . . . .	54	10	1 168	4 769	832	1 651	2 668	8 878	297	(*)	(*)
	MOUNTAIN . . . . .	37	2	386	1 659	279	545	1 151	3 547	98	59	422
	COLORADO . . . . .	16	1	291	1 302	226	447	932	2 797	68	(*)	(*)
	PACIFIC . . . . .	133	16	1 304	6 741	764	1 321	3 638	14 041	721	834	7 143
	WASHINGTON . . . . .	13	3	110	544	84	142	427	961	62	(*)	(*)
	CALIFORNIA . . . . .	116	13	1 168	6 053	664	1 145	3 117	12 598	653	749	6 579
274	MISCELLANEOUS PUBLISHING, TOTAL <sup>1</sup> . . . . .	1 105	164	19 870	95 518	6 538	12 029	28 633	206 851	5 993	18 378	149 310
275	COMMERCIAL PRINTING, TOTAL . . . . .	17 276	2 768	287 803	1 516 861	225 884	433 021	1 12 286	2 344 472	154 053	(*)	(*)
	NEW ENGLAND . . . . .	1 243	200	20 330	98 310	16 426	31 563	72 866	147 044	10 261	(*)	(*)
	MAINE . . . . .	71	6	481	1 755	381	710	1 290	3 108	234	(*)	(*)
	NEW HAMPSHIRE . . . . .	57	7	1 065	4 879	919	1 777	3 916	7 215	352	(*)	(*)
	VERMONT . . . . .	45	4	323	1 213	267	528	926	1 761	151	(*)	(*)
	MASSACHUSETTS . . . . .	684	118	10 832	52 026	8 518	16 390	37 124	79 145	5 544	(*)	(*)
	RHODE ISLAND . . . . .	109	16	1 400	6 668	1 115	2 112	4 794	9 915	694	(*)	(*)
	CONNECTICUT . . . . .	277	49	6 229	31 769	5 226	10 046	24 816	45 900	3 306	(*)	(*)
	MIDDLE ATLANTIC . . . . .	4 772	841	86 087	467 651	68 660	131 513	350 547	722 239	41 507	(*)	(*)
	NEW YORK . . . . .	3 025	528	48 374	274 074	37 925	72 769	200 388	430 330	22 494	(*)	(*)
	NEW JERSEY . . . . .	676	108	13 068	69 286	10 751	20 291	53 182	111 068	6 041	(*)	(*)
	PENNSYLVANIA . . . . .	1 071	205	24 645	124 291	19 984	38 453	96 977	180 841	12 972	(*)	(*)
	EAST NORTH CENTRAL . . . . .	3 965	735	85 553	478 521	67 066	130 630	350 686	731 169	50 604	(*)	(*)
	OHIO . . . . .	1 000	185	22 566	119 472	17 416	34 465	86 118	188 914	13 452	(*)	(*)
	INDIANA . . . . .	402	58	5 051	24 403	3 950	7 591	17 691	37 016	2 181	(*)	(*)
	ILLINOIS . . . . .	1 449	312	39 458	234 271	31 676	61 946	176 554	345 584	21 513	(*)	(*)
	MICHIGAN . . . . .	703	112	9 829	54 217	7 580	14 364	38 559	90 576	6 174	(*)	(*)
	WISCONSIN . . . . .	411	68	8 649	46 158	6 444	12 264	31 764	69 079	7 284	(*)	(*)
	WEST NORTH CENTRAL . . . . .	1 404	233	23 902	119 883	15 602	29 175	70 331	181 896	11 063	(*)	(*)
	MINNESOTA . . . . .	324	74	9 901	52 695	4 830	8 806	23 349	76 697	4 384	(*)	(*)
	IOWA . . . . .	219	28	2 230	9 279	1 731	3 330	6 475	16 800	963	(*)	(*)
	MISSOURI . . . . .	504	91	8 046	41 082	6 193	11 775	28 940	61 037	3 036	(*)	(*)
	NORTH DAKOTA . . . . .	35	3	240	999	166	293	670	1 712	139	(*)	(*)
	SOUTH DAKOTA . . . . .	36	2	229	863	167	299	616	1 259	157	(*)	(*)
	NEBRASKA . . . . .	131	20	1 955	9 119	1 477	2 779	5 871	14 717	1 513	(*)	(*)
	KANSAS . . . . .	155	15	1 301	5 846	1 038	1 893	4 410	9 674	871	(*)	(*)
	SOUTH ATLANTIC . . . . .	1 683	254	22 321	103 417	18 006	35 024	77 410	161 910	11 553	(*)	(*)
	DELAWARE . . . . .	26	7	597	3 178	496	917	2 429	4 398	197	(*)	(*)
	MARYLAND . . . . .	236	45	3 963	19 773	3 265	6 715	15 271	31 059	1 005	(*)	(*)
	DISTRICT OF COLUMBIA . . . . .	128	26	3 332	18 701	2 739	5 276	14 635	28 180	1 020	(*)	(*)
	VIRGINIA . . . . .	226	32	3 172	12 960	2 538	4 875	9 497	19 809	1 527	(*)	(*)
	WEST VIRGINIA . . . . .	77	9	808	3 368	623	1 201	2 276	4 800	975	(*)	(*)
	NORTH CAROLINA . . . . .	252	42	3 050	12 535	2 420	4 644	8 826	20 950	1 692	(*)	(*)
	SOUTH CAROLINA . . . . .	91	12	813	3 186	671	1 287	2 498	4 912	379	(*)	(*)
	GEORGIA . . . . .	250	41	3 496	16 275	2 814	5 464	11 808	25 721	2 645	(*)	(*)
	FLORIDA . . . . .	397	40	3 090	13 441	2 440	4 645	9 970	22 081	2 113	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	599	84	10 087	46 297	8 156	16 042	35 886	70 924	6 570	(*)	(*)
	KENTUCKY . . . . .	161	31	4 008	20 679	3 345	6 723	16 517	30 628	2 699	(*)	(*)
	TENNESSEE . . . . .	226	31	4 087	17 577	3 242	6 344	13 308	26 591	2 287	(*)	(*)
	ALABAMA . . . . .	134	16	1 478	6 150	1 196	2 283	4 762	10 498	1 218	(*)	(*)
	MISSISSIPPI . . . . .	78	6	514	1 891	373	692	1 299	3 207	366	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	1 139	125	11 316	48 871	8 680	16 467	34 524	80 909	5 823	(*)	(*)
	ARKANSAS . . . . .	79	9	784	3 140	581	1 116	2 116	5 076	357	(*)	(*)
	LOUISIANA . . . . .	162	22	1 583	6 702	1 196	2 233	4 812	10 849	710	(*)	(*)
	OKLAHOMA . . . . .	174	17	1 488	6 689	1 159	2 202	4 683	10 649	937	(*)	(*)
	TEXAS . . . . .	724	77	7 461	32 340	5 744	10 916	22 913	54 335	3 819	(*)	(*)
	MOUNTAIN . . . . .	431	53	4 649	21 714	3 593	6 547	16 186	36 207	2 790	(*)	(*)
	MONTANA . . . . .	21	5	251	1 242	165	296	873	1 506	78	(*)	(*)
	IDAHO . . . . .	32	3	298	1 328	226	384	961	2 025	104	(*)	(*)
	WYOMING . . . . .	11	2	124	547	80	164	359	801	49	(*)	(*)
	COLORADO . . . . .	167	19	2 128	10 566	1 639	2 970	7 734	17 349	1 412	(*)	(*)
	NEW MEXICO . . . . .	49	4	382	1 732	307	577	1 350	3 156	261	(*)	(*)
	ARIZONA . . . . .	76	9	546	2 379	446	804	1 884	3 784	347	(*)	(*)
	UTAH . . . . .	59	9	755	3 187	596	1 112	2 429	6 337	466	(*)	(*)
	NEVADA . . . . .	16	2	165	733	134	240	596	1 249	73	(*)	(*)

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
275	COMMERCIAL PRINTING—CONTINUED											
	PACIFIC . . . . .	2 039	243	23 557	132 193	18 401	33 241	97 106	212 166	13 861	(*)	(*)
	WASHINGTON . . . . .	217	20	1 858	9 929	1 359	2 404	7 239	15 780	1 041	(*)	(*)
	OREGON . . . . .	178	19	1 407	7 037	1 116	1 897	5 017	11 070	908	(*)	(*)
	CALIFORNIA . . . . .	1 644	204	20 292	115 227	15 926	28 940	84 850	185 316	11 912	(*)	(*)
276	MANIFOLD BUSINESS FORMS, TOTAL . . .	704	165	23 618	120 945	16 883	32 823	79 623	245 229	14 755	(*)	(*)
	NEW ENGLAND . . . . .	36	11	1 655	8 066	1 115	2 348	5 066	14 146	757	(*)	(*)
	MASSACHUSETTS . . . . .	19	5	956	4 360	621	1 218	2 605	6 857	411	(*)	(*)
	MIDDLE ATLANTIC . . . . .	202	36	5 374	27 051	4 038	7 714	19 074	57 335	3 251	(*)	(*)
	NEW YORK . . . . .	145	18	3 257	16 886	2 454	4 641	12 157	38 517	1 770	(*)	(*)
	NEW JERSEY . . . . .	21	8	924	4 898	654	1 194	3 055	7 103	535	(*)	(*)
	PENNSYLVANIA . . . . .	36	10	1 193	5 267	930	1 879	3 862	11 715	946	(*)	(*)
	EAST NORTH CENTRAL . . . . .	150	41	7 731	42 480	5 267	10 431	26 441	80 534	4 603	(*)	(*)
	OHIO . . . . .	48	19	4 329	23 595	2 763	5 406	13 889	44 805	1 119	(*)	(*)
	INDIANA . . . . .	5	3	409	2 184	253	519	1 113	3 410	(D)	(*)	(*)
	ILLINOIS . . . . .	58	12	2 196	12 752	1 675	3 393	8 753	26 107	1 553	(*)	(*)
	MICHIGAN . . . . .	27	4	600	2 869	413	805	1 885	4 599	540	(*)	(*)
	WISCONSIN . . . . .	9	3	197	1 080	163	308	801	1 613	(D)	(*)	(*)
	WEST NORTH CENTRAL . . . . .	55	15	1 577	7 013	1 158	2 232	4 724	12 786	787	(*)	(*)
	MINNESOTA . . . . .	11	1	141	667	98	189	436	1 004	77	(*)	(*)
	IOWA . . . . .	6	3	177	691	139	254	487	2 699	157	(*)	(*)
	MISSOURI . . . . .	23	7	878	4 025	633	1 230	2 646	6 150	324	(*)	(*)
	KANSAS . . . . .	11	3	333	1 435	250	492	1 005	2 451	136	(*)	(*)
	SOUTH ATLANTIC . . . . .	68	14	1 920	8 767	1 467	2 848	5 788	21 837	1 177	(*)	(*)
	NORTH CAROLINA . . . . .	10	1	160	818	125	259	491	1 586	74	(*)	(*)
	GEORGIA . . . . .	8	3	155	730	127	242	443	1 770	157	(*)	(*)
	FLORIDA . . . . .	15	5	218	1 130	167	345	734	1 565	156	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	20	8	640	2 297	518	1 032	1 590	4 862	511	(*)	(*)
	TENNESSEE . . . . .	10	3	348	1 311	279	548	846	1 928	93	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	58	9	1 198	5 227	823	1 583	3 044	12 026	1 773	(*)	(*)
	TEXAS . . . . .	32	7	973	4 341	645	1 227	2 461	10 188	796	(*)	(*)
	MOUNTAIN . . . . .	14	2	190	793	127	239	557	1 257	196	(*)	(*)
	PACIFIC . . . . .	101	29	3 333	19 251	2 370	4 396	13 339	40 446	1 700	(*)	(*)
	WASHINGTON . . . . .	10	3	183	1 036	118	204	594	1 489	86	(*)	(*)
	OREGON . . . . .	5	3	165	768	124	233	548	3 118	52	(*)	(*)
	CALIFORNIA . . . . .	86	23	2 985	17 447	2 128	3 959	12 197	35 839	1 562	(*)	(*)
277	GREETING CARDS, TOTAL <sup>1</sup> . . . . .	282	100	21 777	89 405	14 799	28 297	50 553	178 563	5 154	(*)	(*)
278	BOOKBINDING AND RELATED WORK, TOTAL .	1 406	460	40 032	166 472	33 236	64 216	121 740	265 382	13 426	(*)	(*)
	NEW ENGLAND . . . . .	107	35	3 534	14 002	2 958	5 586	10 353	23 633	561	(*)	(*)
	MASSACHUSETTS . . . . .	78	27	3 003	11 574	2 546	4 805	8 787	19 501	507	(*)	(*)
	CONNECTICUT . . . . .	16	6	317	1 489	246	467	966	2 859	35	(*)	(*)
	MIDDLE ATLANTIC . . . . .	610	183	17 251	70 462	14 662	28 748	53 363	112 024	4 904	(*)	(*)
	NEW YORK . . . . .	475	137	13 017	53 290	11 036	21 782	40 418	84 643	3 276	(*)	(*)
	NEW JERSEY . . . . .	57	16	2 323	9 701	2 012	3 995	7 763	16 398	1 153	(*)	(*)
	PENNSYLVANIA . . . . .	78	30	1 911	7 471	1 614	2 971	5 182	10 983	475	(*)	(*)
	EAST NORTH CENTRAL . . . . .	274	118	10 228	44 687	8 321	16 320	31 318	69 089	4 102	(*)	(*)
	OHIO . . . . .	62	25	1 453	6 087	1 149	2 292	4 060	9 864	1 112	(*)	(*)
	INDIANA . . . . .	17	7	519	1 849	428	804	1 358	2 964	230	(*)	(*)
	ILLINOIS . . . . .	144	61	6 204	27 312	5 085	10 132	19 587	42 951	2 170	(*)	(*)
	MICHIGAN . . . . .	32	18	1 202	5 566	997	1 858	3 950	7 681	381	(*)	(*)
	WISCONSIN . . . . .	19	7	850	3 873	662	1 234	2 363	5 629	209	(*)	(*)
	WEST NORTH CENTRAL . . . . .	93	28	2 093	8 831	1 682	3 028	5 932	13 974	966	(*)	(*)
	MINNESOTA . . . . .	20	3	389	1 958	285	442	1 203	2 827	189	(*)	(*)
	IOWA . . . . .	12	2	194	777	168	363	483	798	69	(*)	(*)
	MISSOURI . . . . .	41	18	1 177	4 669	987	1 726	3 312	7 665	492	(*)	(*)
	KANSAS . . . . .	12	3	244	1 094	196	411	782	2 237	204	(*)	(*)
	SOUTH ATLANTIC . . . . .	86	30	2 279	9 065	1 882	3 493	6 340	13 892	1 029	(*)	(*)
	MARYLAND . . . . .	23	13	1 355	5 676	1 115	2 129	3 916	8 300	384	(*)	(*)
	DISTRICT OF COLUMBIA . . . . .	8	4	159	576	129	232	429	915	95	(*)	(*)
	NORTH CAROLINA . . . . .	11	5	160	494	137	241	360	1 082	66	(*)	(*)
	GEORGIA . . . . .	11	3	300	1 350	235	438	875	2 041	417	(*)	(*)
	FLORIDA . . . . .	18	5	217	683	187	305	530	1 120	37	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	26	8	516	1 842	366	717	1 218	2 865	150	(*)	(*)
	TENNESSEE . . . . .	10	4	263	916	181	338	619	1 367	56	(*)	(*)
	ALABAMA . . . . .	8	2	105	296	83	148	232	586	38	(*)	(*)

See footnotes at end of table.

Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expendi- tures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
278	BOOK BINDING AND RELATED WORK—CON.											
	WEST SOUTH CENTRAL . . . . .	48	19	1 183	4 321	926	1 842	3 130	8 707	340	(*)	(*)
	OKLAHOMA . . . . .	9	4	154	615	95	183	345	989	23	(*)	(*)
	TEXAS . . . . .	28	14	938	3 339	765	1 536	2 545	7 192	284	(*)	(*)
	MOUNTAIN . . . . .	23	5	311	1 338	261	493	1 029	1 766	92	(*)	(*)
	ARIZONA . . . . .	5	2	139	713	113	220	534	962	56	(*)	(*)
	PACIFIC . . . . .	139	34	2 637	11 924	2 178	3 989	9 057	19 432	1 282	(*)	(*)
	WASHINGTON . . . . .	10	3	139	591	123	225	488	1 075	54	(*)	(*)
	OREGON . . . . .	5	2	104	517	84	158	388	790	15	(*)	(*)
	CALIFORNIA . . . . .	124	29	2 394	10 816	1 971	3 606	8 181	17 567	1 213	(*)	(*)
279	PRINTING TRADES SERVICES, TOTAL . . .	2 328	630	42 021	278 862	31 687	59 572	208 632	389 956	16 389	40 267	325 381
	NEW ENGLAND . . . . .	180	57	3 128	19 173	2 388	4 446	14 421	26 204	1 085	2 714	19 850
	NEW HAMPSHIRE . . . . .	10	2	148	707	129	227	591	970	67	(*)	(*)
	MASSACHUSETTS . . . . .	89	30	1 567	9 325	1 169	2 121	6 872	12 531	493	1 389	9 554
	RHODE ISLAND . . . . .	15	4	198	1 206	147	268	887	1 691	96	192	1 262
	CONNECTICUT . . . . .	59	20	1 118	7 574	858	1 683	5 761	10 480	423	925	7 853
	MIDDLE ATLANTIC . . . . .	698	237	16 499	112 268	12 333	23 113	84 221	157 400	4 600	16 056	129 713
	NEW YORK . . . . .	473	168	11 807	83 524	8 766	16 468	62 497	117 743	3 161	11 811	99 621
	NEW JERSEY . . . . .	77	18	1 046	6 468	788	1 419	4 972	8 895	419	650	4 860
	PENNSYLVANIA . . . . .	148	51	3 646	22 276	2 779	5 226	16 752	30 762	1 020	3 589	25 184
	EAST NORTH CENTRAL . . . . .	576	186	12 390	86 817	9 443	17 783	64 848	116 597	5 815	12 837	109 389
	OHIO . . . . .	149	49	2 529	15 972	1 849	3 454	11 764	21 584	1 027	2 623	20 660
	INDIANA . . . . .	51	17	872	5 163	672	1 249	3 875	6 711	224	840	6 208
	ILLINOIS . . . . .	228	75	6 252	46 344	4 835	9 187	34 917	62 568	3 822	6 450	56 069
	MICHIGAN . . . . .	98	34	2 058	14 953	1 583	2 970	11 102	19 814	583	2 166	20 470
	WISCONSIN . . . . .	50	11	679	4 385	504	923	3 190	5 920	159	839	6 427
	WEST NORTH CENTRAL . . . . .	166	33	2 189	13 211	1 618	2 929	9 589	18 791	730	2 070	15 268
	MINNESOTA . . . . .	35	11	640	4 027	468	783	2 886	5 343	117	551	4 374
	IOWA . . . . .	19	2	172	1 035	130	223	734	1 557	66	222	1 543
	MISSOURI . . . . .	82	17	1 161	6 939	850	1 614	4 993	9 911	405	1 108	8 021
	KANSAS . . . . .	14	3	104	600	88	160	490	1 003	69	(*)	(*)
	SOUTH ATLANTIC . . . . .	200	39	2 435	14 442	1 888	3 568	10 943	21 115	1 458	1 791	12 482
	MARYLAND . . . . .	31	10	539	3 217	384	735	2 331	4 607	115	445	3 130
	DISTRICT OF COLUMBIA . . . . .	28	8	407	2 791	322	585	2 033	3 878	556	440	3 400
	VIRGINIA . . . . .	26	5	268	1 684	209	412	1 305	2 413	92	206	1 370
	NORTH CAROLINA . . . . .	19	4	301	1 454	251	491	1 183	2 271	182	157	1 033
	GEORGIA . . . . .	32	6	444	2 561	341	633	1 937	3 918	324	273	1 733
	FLORIDA . . . . .	50	6	397	2 354	318	607	1 842	3 439	182	145	900
	EAST SOUTH CENTRAL . . . . .	52	13	730	4 012	545	1 096	2 933	5 507	345	677	4 635
	KENTUCKY . . . . .	16	5	170	910	127	247	706	1 147	143	165	1 076
	TENNESSEE . . . . .	25	7	491	2 759	374	769	1 972	3 888	153	433	2 988
	WEST SOUTH CENTRAL . . . . .	122	17	1 251	7 303	956	1 919	5 621	10 880	626	1 136	8 514
	LOUISIANA . . . . .	18	2	136	716	120	246	626	1 145	26	(*)	(*)
	OKLAHOMA . . . . .	18	3	156	859	117	210	608	1 350	38	143	1 052
	TEXAS . . . . .	82	12	924	5 508	697	1 414	4 235	8 114	544	869	6 566
	MOUNTAIN . . . . .	49	4	330	1 966	249	456	1 451	3 148	186	324	2 570
	COLORADO . . . . .	21	2	170	1 027	128	241	759	1 530	69	157	1 345
	PACIFIC . . . . .	285	44	3 069	19 670	2 267	4 262	14 605	30 314	1 544	2 660	22 961
	WASHINGTON . . . . .	27	3	205	1 252	141	236	889	1 848	109	(*)	(*)
	OREGON . . . . .	16	2	138	846	98	186	636	1 392	60	(*)	(*)
	CALIFORNIA . . . . .	242	39	2 726	17 572	2 028	3 840	13 080	27 074	1 375	2 332	20 248

Note: Due to a change in the Standard Industrial Classification system between the two census years, the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>This industry group consists of a single 4-digit industry. Detailed statistics by State are included in the 4-digit industry tables.



# PRINTING AND PUBLISHING

27-7

Table 3--DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Printing and publishing (SIC 27)	News- papers (SIC 271)	Period- icals (SIC 272)	Books (SIC 273)	Miscel- laneous publish- ing (SIC 274)	Commercial printing (SIC 275)	Manifold business forms (SIC 276)	Greeting cards (SIC 277)	Book- binding and related work (SIC 278)	Printing trades services (SIC 279)
Number of establishments, total.....	35,368	8,250	2,323	1,694	1,105	17,276	704	282	1,406	2,328
With 1-19 employees.....	28,532	6,526	1,936	1,256	941	14,508	539	182	946	1,698
With 20-99 employees.....	5,449	1,258	293	299	122	2,350	110	58	381	578
With 100 employees or more.....	1,387	466	94	139	42	418	55	42	79	52
Proprietors and working partners.....Number..	24,875	6,456	819	835	581	13,274	424	139	955	1,392
All employees:										
Number (average for the year).....	864,101	294,258	66,028	68,694	19,870	287,803	23,618	21,777	40,032	42,021
Payroll.....\$1,000..	4,479,679	1,493,136	380,636	337,844	95,518	1,516,861	120,945	89,405	166,472	278,862
Production workers:										
Number (average for the year).....	529,504	154,014	11,708	34,755	6,538	225,884	16,883	14,799	33,236	31,687
March.....	528,045	152,243	12,082	35,373	6,316	225,976	17,187	13,384	33,264	32,220
May.....	530,811	154,881	11,773	34,958	6,563	226,704	16,785	13,959	32,896	32,292
August.....	530,171	153,998	11,597	34,494	6,518	225,997	16,841	15,625	33,315	31,786
November.....	537,798	156,485	11,792	34,503	6,613	229,742	16,899	16,255	33,540	31,969
Man-hours.....1,000..	995,923	276,910	21,209	67,846	12,029	433,021	32,823	28,297	64,216	59,572
January-March.....do....	244,093	67,567	5,381	17,020	3,003	105,273	8,324	6,512	15,762	15,251
April-June.....do....	247,047	70,125	5,081	17,312	2,962	105,934	8,013	6,873	15,956	14,791
July-September.....do....	240,234	68,285	5,050	16,469	2,899	104,765	5,737	7,189	15,689	14,151
October-December.....do....	249,402	70,933	5,344	17,045	3,165	106,054	8,339	7,655	16,201	14,666
Wages.....\$1,000..	2,590,865	775,857	56,766	156,775	28,633	1,112,286	79,623	50,553	121,740	208,632
Value added by manufacture, adjusted....do....	7,922,962	2,516,921	932,554	843,034	206,851	2,344,472	245,229	178,563	265,382	389,956
Cost of fuels consumed.....do....	21,751	5,397	1,152	1,404	294	10,515	599	501	804	1,085
Cost of electricity purchased.....do....	51,529	16,302	3,223	3,316	783	20,626	1,479	943	1,778	3,142
Manufacturers' inventories:										
Beginning of year, total.....do....	1,160,370	136,313	99,242	244,905	21,182	496,893	43,107	50,757	48,992	18,979
Finished products.....do....	309,264	7,873	17,865	145,404	9,240	82,726	9,464	19,979	15,004	1,709
Work-in-process.....do....	251,627	1,807	12,949	60,989	4,694	121,374	9,997	19,628	13,933	6,256
Materials, supplies, fuel, etc.....do....	599,479	126,633	68,428	38,512	7,248	292,793	23,646	11,150	20,055	11,014
End of year, total.....do....	1,168,068	131,186	94,289	240,120	21,012	519,585	43,294	53,216	45,555	19,811
Finished products.....do....	312,281	5,890	17,345	144,989	9,421	86,644	8,871	22,997	14,023	2,101
Work-in-process.....do....	251,439	1,804	13,187	58,638	4,234	124,099	10,112	20,243	12,741	6,381
Materials, supplies, fuel, etc.....do....	604,348	123,492	63,757	36,493	7,357	308,842	24,311	9,976	18,791	11,329
Expenditure for plant and equipment,										
total.....do....	436,831	147,365	35,689	25,678	6,330	166,818	17,140	5,548	13,888	18,375
New, total.....do....	408,610	139,871	35,033	23,936	5,993	154,053	14,755	5,154	13,426	16,389
New structures and additions to										
plant.....do....	136,145	65,521	13,198	8,492	1,501	37,282	2,590	1,343	2,657	3,561
New machinery and equipment.....do....	272,465	74,350	21,835	15,444	4,492	116,771	12,165	3,811	10,769	12,828
Used plant and equipment.....do....	28,221	7,494	656	1,742	337	12,765	2,385	394	760	1,986

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.





# Newspapers, Periodicals, Books, and Miscellaneous Publishing

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2711--Newspapers: Publishing, Publishing and Printing
- 2721--Periodicals: Publishing, Publishing and Printing
- 2731--Books: Publishing, Publishing and Printing
- 2732--Book Printing
- 2741--Miscellaneous Publishing

As in previous Censuses, publishing, printing, and allied activities, other than those performed in Government-owned and operated establishments, are included as manufacturing activities. Establishments engaged in publishing newspapers, and establishments primarily engaged in publishing periodicals, books, and miscellaneous publications (including those primarily engaged in book printing) are assigned to one of the five separately described industries below. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other non-profit organizations whose employees are not covered under the Social Security system. News syndicates are classified in service industries and their activities are included in the Census of Business.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing field in the Census of Manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in the publishing of one or more newspapers are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

Publishers of newspapers and periodicals were asked to report separately for each of their publications, where possible, information on circulation and dollar receipts by frequency of issue as well as by type of revenue. The more common frequencies of issue were listed on the report forms supplied to all newspapers, and a special inquiry was addressed to publishers

of periodicals to provide uniform designation of periodicals by type of issue. Newspaper and periodical publishers were required to break their total revenues into two-parts--receipts from subscriptions and sales, and receipts from advertising; "total revenue" was defined as net after deducting advertising agency commissions, cash discounts, newsstand, carrier, and wholesalers' commissions, and other similar items.

As in 1954 and 1947, the data on number of employees for newspaper and periodical publishing do not include newsboys or carrier boys. In 1958 periodical and book publishers have been subdivided to group separately those who publish only from those who print as well as publish. The general operating statistics shown in tables 2, 3, and 4 and the distribution of total receipts by broad classes of activities presented in tables 5A and 5B provide this subindustry treatment for Industries 2721 and 2731.

## 2711--Newspapers: Publishing, Publishing and Printing

This industry comprises establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news, and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance, such establishments are included in this industry.

Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in Industry 2751, Commercial Printing: Letterpress or Industry 2752, Commercial Printing: Lithographic. News syndicates are classified in Service Industries. Establishments primarily engaged in publishing shopping news are classified in Industry 2741, Miscellaneous Publishing.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. For the purposes of the Census of Manufactures, the term "newspaper" has been defined, in 1958 as in 1954 and 1947, to include only those publications issued at regular frequencies which



contain news of interest to the general public, whether or not they are published in the English language. Publications so qualifying are usually printed on newsprint by letterpress process and range in frequency of issue from "around the clock" to weekly, with rare instances of lesser frequency.

Publications have been classified as periodicals (Industry 2721) rather than as newspapers if their news and editorial presentations do not appear to be directed to the public at large. Among the types of publications sometimes considered newspapers, but treated in the Census as periodicals, are the following: trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally, publications issued by non-profit organizations, (educational, religious, charitable, labor, business, professional, etc.), are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.

Since these requisites do not necessarily conform with classification tests applied elsewhere, the data presented in such tables as 6A through 6E and in tables 7A and 7B may not agree with other published data for the newspaper industry. Differences are most noticeable in the detailed classification of dollar receipts and average circulation by frequency of issue. For example, the data shown for daily and weekly newspapers do not include trade, business and like papers dealing with specialized news and subject matter (classified in this report with periodicals, Industry 2721), whereas other published series may treat such publications as newspapers.

Two report forms were used to canvass this industry. Form MC-27A was used to collect data in detail from the larger establishments, whereas Form MC-27Z-1 was used generally to collect a minimum of information from establishments employing fewer than six employees. In accordance with the general Census of Manufactures rules, no data were tabulated from establishments operated entirely by the owner or owners without employees.

Value of receipts of the Newspapers Industry in 1958 totaled \$3,628 million. This included receipts from publishing newspapers (primary activities), valued at \$3,458 million, shipments of other products (secondary products) valued at \$138 million, and miscellaneous receipts (mainly resales, contract work and sale of scrap) of \$32 million.

This industry's receipts from newspaper publishing (primary activities) in 1958 represented 96 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1954 was 95 percent. Secondary activities reported by this industry in 1958 consisted mainly of letterpress

commercial (job) printing, \$111 million; lithographic commercial printing, \$9 million; photo-engraving, \$6 million; and miscellaneous publishing (shopping news, racing forms, etc.), also \$6 million.

Industry 2711 receipts from newspaper publishing (primary activities) in 1958 represented 100 percent (coverage ratio) of these products valued at \$3,458 million reported to the Census. In 1954, the coverage ratio was also 100 percent.

#### 2721--Periodicals: Publishing, Publishing and Printing

This industry comprises establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print periodicals for publishers, are classified in Industry 2751 or Industry 2752.

Data on the periodical publishing activities of non-profit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security System. For the distinction between newspapers and periodicals which has been applied in classifying establishments for the Census of Manufactures, see the foregoing statements under Industry 2711, Newspapers: Publishing, Publishing and Printing. For a detailed list of products of Industry 2721, refer to table 6A, product codes 2721111 to 2721721.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Total receipts of the Periodicals Industry in 1958 amounted to \$1,677 million. This included receipts from periodical publishing (primary activities), valued at \$1,527 million, receipts from other activities (secondary activities) valued at \$115 million, and miscellaneous receipts (mainly resales) of \$35 million.

This industry's receipts from periodical publishing (primary activities) in 1958 represented 93 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1954 was 95 percent. Secondary activities reported by this industry in 1958 consisted mainly of book publishing (\$71 million) and letterpress commercial printing (\$16 million).

Industry 2721 receipts from periodical publishing (primary activities) in 1958 represented 97 percent (coverage ratio) of these receipts valued at \$1,578 million reported by all



industries. In 1954, the coverage ratio was also 97 percent. Other industries reporting periodical publishing (primary activities) consisted mainly of Industry 2731, Books: Publishing and Printing, \$24 million; Industry 2751, Printing: Letterpress, \$10 million; and Industry 2711, Newspapers, \$6 million.

#### 2731--Books: Publishing, Publishing and Printing

This industry comprises establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing, or in printing and binding (but not publishing) books and pamphlets are classified in Industry 2732.

Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security System and were able to report their book publishing operations as a separate establishment. For a detailed list of the type of receipts classified as primary to Industry 2731, refer to table 6A, product codes 2731111 to 2731645.

The data presented in table 6A for number of books sold represent the total number of books sold (shipped and billed) by publishers during 1958 without regard to whether these books were actually published or printed in 1958. The value figures shown in this table and in table 6B are net publishers' receipts after deducting cash discounts, returns and allowances; i.e., they represent net sales.

"Books" are considered to include all collections of 49 or more pages, exclusive of the cover, bound by any method, and all hardbound collections, irrespective of the number of pages. (The designation "hardbound" describes books which are bound with paper over board, cloth over board, and artificial or genuine leather.) "Pamphlets" are defined to mean any collection to be offered for sale of at least 5 but less than 49 paperbound pages.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged both as to code number and content from the previous classification system.

Value of receipts of the Books: Publishing and Printing Industry in 1958 totaled \$1,033 million. This included receipts from book publishing and printing (primary activities), valued at \$907 million, shipments of other products (secondary products) valued at \$78 million, and miscellaneous receipts (mainly resales and royalties received from the sale of rights) of \$49 million.

This industry's receipts from book publishing and printing (primary activities) in 1958

represented 92 percent (specialization ratio) of its total product receipts (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary activities reported by this industry in 1958 consisted mainly of periodical publishing and printing, \$24 million; book printing and binding, \$11 million; book-binding of books published and printed elsewhere, \$7 million; and letterpress commercial printing, \$5 million.

Industry 2731 receipts from book publishing and printing (primary activities) in 1958 represented 90 percent (coverage ratio) of these products valued at \$1,011 million reported by all industries. In 1954, the coverage ratio was also 90 percent. Other industries reporting book publishing (primary activities) consisted mainly of Industry 2721, Periodicals; \$71 million, and Industry 2741, Miscellaneous Publishing, \$7 million.

#### 2732--Book Printing

This industry comprises establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in Industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in Industry 2789.

Establishments classified in Industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (Industry 2751) and in commercial lithographing (Industry 2752). The distinction is that all the establishments classified in Industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified in Industries 2751 and 2752. For a detailed list of products of Industry 2732, refer to table 6A, product codes 2732111 to 2732255.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged both as to code number and content from the previous classification system.

Value of receipts of the Book Printing Industry in 1958 totaled \$358 million. This included receipts from printing and binding books published elsewhere (primary activities), valued at \$254 million, shipments of other products (secondary products) valued at \$97 million, and miscellaneous receipts (resales and contract work on materials owned by others) of \$6 million.

This industry's receipts from book printing and binding (primary activities) in 1958 represented 72 percent (specialization ratio) of its



total product receipts (primary and secondary). The industry specialization ratio in 1954 was 76 percent. Secondary activities reported by this industry in 1958 consisted mainly of lithographic commercial printing, \$40 million; letterpress and other commercial printing, \$35 million; and bookbinding (books printed elsewhere), \$6 million.

Industry 2732 receipts from bookprinting and binding (primary activities) in 1958 represented 60 percent (coverage ratio) of these receipts valued at \$423 million reported by all industries. In 1954, the coverage ratio was 55 percent. Other industries reporting book printing and binding (primary activities) consisted mainly of Industry 2751, Commercial Printing: Letterpress, \$80 million; Industry 2752, Commercial Printing: Lithographic, \$58 million; and Industry 2731, Books, Publishing and Printing, \$11 million.

#### 2741--Miscellaneous Publishing

This industry comprises establishments primarily engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services and which may publish directories as part of this service are not included in this industry but are classified in Service Industries.

This industry comprises establishments primarily engaged in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs, globe covers, racing forms, and shopping news or engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in printing such products and not engaged in publishing are classified in Industry 2751, Printing: Letterpress, or Industry 2752, Printing: Lithographic, depending on the primary printing process employed. Establishments primarily engaged in publishing

greeting cards are classified in Industry 2771, Greeting Cards.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged both as to code number and content from the previous classification system. For a detailed list of products of Industry 2741, refer to table 6A, product codes 27411111 to 2741398.

Value of receipts of the Miscellaneous Publishing Industry in 1958 totaled \$317 million. This included receipts from miscellaneous publishing (primary activities) valued at \$267 million, receipts from other products (secondary activities) valued at \$31 million, and miscellaneous receipts (mainly royalties from the sale of rights) of \$19 million.

This industry's receipts from miscellaneous publishing (primary activities) in 1958 represented 89 percent (specialization ratio) of its total receipts (primary and secondary). The industry specialization ratio in 1954 was 85 percent. Secondary activities reported by this industry in 1958 consisted mainly of periodical publishing, \$8 million; and book publishing, \$7 million.

Industry 2741 receipts from miscellaneous publishing (primary activities) in 1958 represented 87 percent (coverage ratio) of these receipts valued at \$306 million reported by all industries. In 1954, the coverage ratio was 82 percent. Other industries reporting miscellaneous publishing activities consisted mainly of Industry 2721, Periodicals, \$13 million; Industry 2731, Books: Publishing and Printing, more than \$10 million; and Industry 2711, Newspapers, \$6 million.

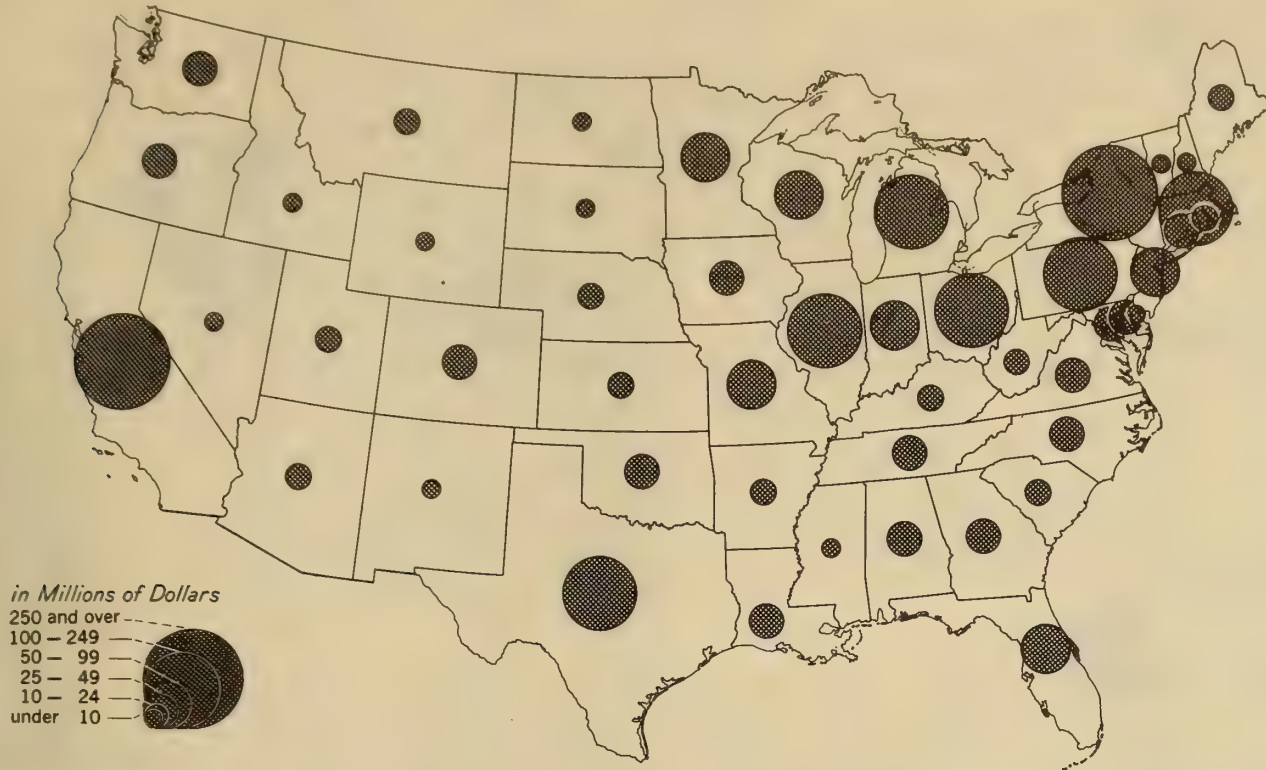
The higher coverage ratio in 1958, compared with the 1954 figures, primarily results from a greater tendency for shopping news, catalogs and directories, and racing forms to be published by establishments specializing in such publications.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



**NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING: SIC 271**

Value Added by Manufacture by State: 1958

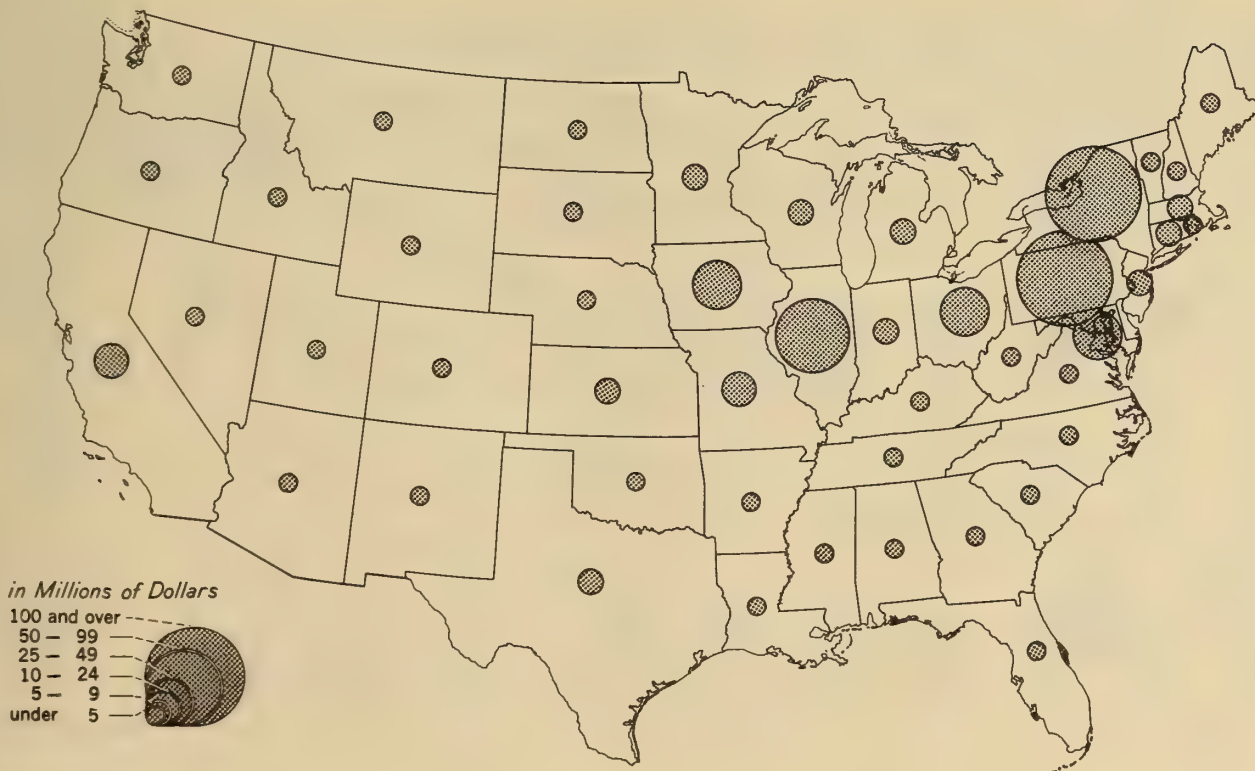


Includes only Industry 2711. See Table 2.

Bureau of the Census M-58-D271

**PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING: SIC 272**

Value Added by Manufacture by State: 1958

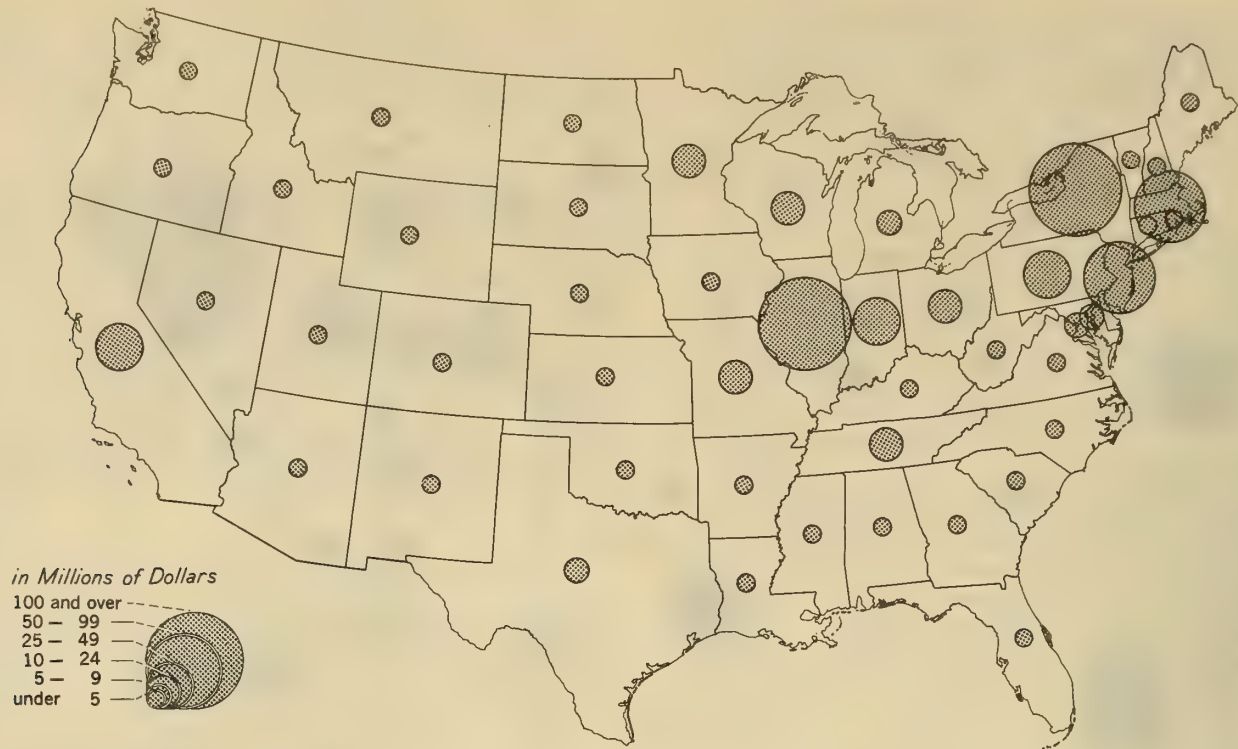


Includes only Industry 2721. See Table 2.

Bureau of the Census M-58-D272

BOOKS: SIC 273

Value Added by Manufacture by State: 1958

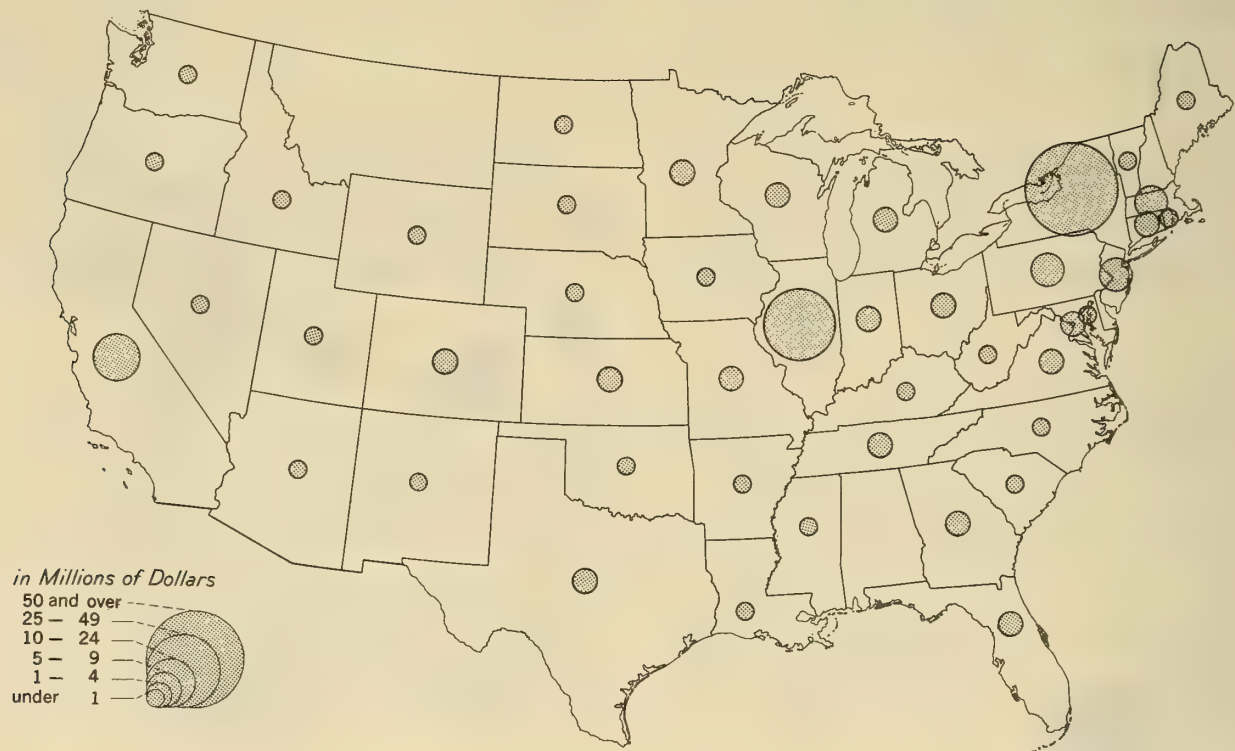


Includes Industries 2731 and 2732. See Table 2.

Bureau of the Census M-58-D273

MISCELLANEOUS PUBLISHING: SIC 274

Value Added by Manufacture by State: 1958



Includes only Industry 2741. See Table 2.

Bureau of the Census M-58-D274



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Special- ization ratio <sup>6</sup> (per- cent)	Cov- erage ratio <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2711 (old SIC 2711)	Newspapers:														
	1958.....	7,947	8,250	1,724	294,258	1,493,136	154,014	276,910	775,857	2,516,921	1,109,114	3,628,021	139,871	96	100
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	308,707	1,519,917	158,376	296,562	784,738	2,597,614	1,109,338	3,703,948	112,440	98	100
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	299,256	1,448,404	154,781	295,509	756,824	2,516,000	1,099,429	3,612,413	104,297	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	289,392	1,350,519	151,797	289,768	711,424	2,374,155	1,026,087	3,395,665	(S)	(NA)	(NA)
	1954.....	18,444 <sup>9</sup>	18,645	1,636	280,895	1,257,139	148,466	280,248	663,954	2,137,583	954,070	3,091,642	75,536	95	100
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	275,974	1,200,594	145,266	(NA)	653,461	2,042,012	912,979	2,954,991	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	275,537	1,123,790	149,169	(NA)	611,928	1,916,846	846,283	2,763,129	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	273,824	1,056,984	149,857	(NA)	577,579	1,780,423	792,810	2,573,233	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	267,347	1,000,906	146,052	(NA)	549,432	1,705,628	729,460	2,435,088	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	262,108	949,737	137,120	(NA)	489,810	1,599,745	725,537	2,325,282	(NA)	(NA)	(NA)
	1947.....	8,115	8,340	(NA)	234,375	743,854	118,116	229,669	372,752	1,405,709	511,593	1,917,302	(NA)	94	100
	1939 <sup>8</sup> .....	(NA)	7,278	(NA)	(NA)	(NA)	96,731	(NA)	164,041	673,802	231,144	904,946	(NA)	(NA)	(NA)
	1937.....	(NA)	6,980	(NA)	(NA)	(NA)	109,882	(NA)	185,836	701,241	221,094	922,335	(NA)	(NA)	(NA)
	1935.....	(NA)	6,728	(NA)	(NA)	(NA)	99,003	(NA)	164,456	632,578	180,472	813,050	(NA)	(NA)	(NA)
	1933.....	(NA)	5,631	(NA)	(NA)	(NA)	90,441	(NA)	138,926	550,259	151,133	701,392	(NA)	(NA)	(NA)
	1931.....	(NA)	7,526	(NA)	(NA)	(NA)	97,937	(NA)	189,749	712,343	235,299	947,642	(NA)	(NA)	(NA)
	1929.....	(NA)	8,599	(NA)	(NA)	(NA)	105,658	(NA)	211,393	844,936	304,962	1,149,898	(NA)	(NA)	(NA)
	1927.....	(NA)	8,116	(NA)	(NA)	(NA)	98,145	(NA)	194,744	743,333	10305,982	1,049,315	(NA)	(NA)	(NA)
	1925.....	(NA)	7,977	(NA)	(NA)	(NA)	94,317	(NA)	180,084	674,445	296,766	971,211	(NA)	(NA)	(NA)
2721 (old SIC 2721)	Periodicals:														
	1958.....	2,245	2,323	387	66,028	380,636	11,708	21,209	56,766	932,554	744,692	1,676,743	35,033	93	97
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	63,712	345,413	14,626	25,763	62,575	971,471	681,472	1,630,173	(S)	94	95
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	65,469	343,461	16,521	29,190	72,086	953,789	654,143	1,589,642	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	65,089	336,898	16,251	29,544	70,280	849,003	676,158	1,508,700	(S)	(NA)	(NA)
	1954.....	2,012	2,045	370	62,428	312,695	16,348	29,614	68,218	805,716	664,040	1,469,759	14,542	95	97
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,282	290,030	13,440	(NA)	60,915	733,830	568,139	1,301,969	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	59,440	275,066	16,320	(NA)	63,175	704,342	553,966	1,258,308	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	71,735	305,612	22,422	(NA)	82,128	690,048	485,009	1,175,057	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	73,867	288,783	21,357	(NA)	75,133	669,430	501,832	1,171,262	(NA)	(NA)	(NA)
	1947.....	2,106	2,166	(NA)	68,957	235,706	19,472	41,814	64,453	638,384	420,984	1,059,368	(NA)	(NA)	(NA)
	1939.....	(NA)	2,337	(NA)	(NA)	(NA)	15,411	(NA)	25,001	262,999	156,953	419,952	(NA)	(NA)	(NA)
2731 (old SIC 2731)	Books, publishing and printing:														
	1958.....	883	903	233	40,069	193,854	11,023	21,088	44,463	616,241	413,314	1,033,144	13,090	92	90
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	38,015	189,809	10,070	19,204	34,332	560,039	350,550	879,998	14,476	90	89
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	39,983	184,884	9,869	(S)	(S)	521,393	341,491	848,083	10,089	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	35,665	161,123	9,031	(S)	(S)	456,737	293,013	732,837	(S)	(NA)	(NA)
	1954.....	804	814	197	34,704	144,757	8,802	17,098	29,250	407,204	301,737	708,943	7,558	91	90
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	42,592	155,506	8,775	(NA)	26,285	421,608	308,614	730,222	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	39,939	127,611	8,186	(NA)	23,889	356,279	263,090	619,369	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,036	105,775	7,543	(NA)	24,182	337,250	249,471	586,721	(NA)	(NA)	(NA)
	1947.....	635	648	(NA)	39,942	104,278	8,092	16,740	20,142	262,903	200,948	463,851	(NA)	92	93
	1939.....	(NA)	554	(NA)	(NA)	(NA)	6,158	(NA)	8,549	103,708	50,941	154,649	(NA)	(NA)	(NA)
2732 (old SIC 2732)	Book printing:														
	1958.....	785	791	205	28,625	143,990	23,732	46,758	112,312	226,793	130,418	357,652	10,846	72	60
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	23,195	115,160	19,822	38,583	90,975	189,120	90,421	281,319	8,947	76	55
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	22,848	111,310	19,574	39,634	89,882	172,532	91,510	264,044	9,800	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	21,555	102,065	18,324	37,650	82,144	155,241	81,994	236,912	(S)	(NA)	(NA)
	1954.....	592	598	153	22,695	100,439	19,090	37,927	78,356	144,988	79,971	224,959	7,243	76	55
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	17,999	76,245	15,220	30,715	60,370	115,647	47,925	163,572	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	17,530	76,750	15,000	31,325	60,100	109,913	65,559	175,472	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,369	64,091	14,028	28,589	50,516	83,718	48,074	131,792	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,495	53,682	13,446	27,323	44,530	78,469	36,326	114,795	(NA)	(NA)	(NA)
	1947.....	(NA)	157	199	12,022	41,735	10,246	19,354	32,258	63,004	29,299	92,303	4,268	77	44
	1939.....	(NA)	199	(NA)	(NA)	(NA)	7,628	(NA)	11,515	24,477	11,818	36,295	(NA)	(NA)	(NA)
2741 (old SIC 2741)	Miscellaneous publishing:														
	1958.....	1,038	1,105	164	19,870	95,518	6,538	12,029	28,633	206,851	110,356	316,928	5,993	89	87
	1954.....	900	946	150	18,378	73,174	5,271	9,570	24,090	150,505	84,052	234,558	3,270	85	82
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,199	62,350	4,242	(NA)	16,461	110,020	36,759	146,779	(NA)	(NA)	(NA)
	1947.....	569	611	(NA)	12,036	35,200	3,430	6,735	8,475	72,151	31,192	103,343	(NA)	93	78
	1939 <sup>11</sup> .....	(NA)	175	(NA)	(NA)	(NA)	477	(NA)	640	12,560	5,393	17,953	(NA)	(NA)	(NA)

Footnotes on next page.

Footnotes for Table 1-27A

NA Not available. <sup>r</sup>Revised.

<sup>s</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)
2711	2,135,088
2721	795,543
2731	394,702
2732	144,692
2741	149,310

<sup>4</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2711	1,103,699	946,815
2721	724,547	645,416
2731	391,429	270,529
2732	127,580	76,635
2741	109,502	81,931

<sup>5</sup> For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2711	3,615,556	3,091,027
2721	1,650,606	1,440,961
2731	999,487	665,232
2732	354,343	221,328
2741	315,700	231,242

<sup>6</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup> The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup> The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup> The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$677.7 million.

<sup>10</sup> Does not include cost of contract work.

<sup>11</sup> The "Miscellaneous publishing" industry classification was established for the first time in the 1947 Census. The figures for 1939 were derived by reclassifying 1939 Census reports. Insufficient 1939 data and the difficulties involved in reclassifying these reports account for the apparent understatement for the 1939 figures.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2711	Newspapers, total...	8,280	1,724	204,288	1,408,186	154,014	270,910	775,857	2,516,921	3,628,021	159,871	2280,895	2,125,088	234,375
	New England.....	394	132	20,824	108,628	11,094	20,661	59,275	173,616	237,559	17,711	20,747	146,341	17,857
	Maine.....	48	11	1,512	6,362	883	1,602	3,567	11,554	14,631	691	1,443	9,452	1,364
	New Hampshire....	42	12	866	4,397	593	1,290	3,024	6,764	8,340	(2)	824	5,482	786
	Vermont.....	25	10	668	2,722	393	743	1,466	4,321	5,249	(D)	609	3,865	647
	Massachusetts....	192	59	11,928	65,011	6,237	11,571	35,726	100,244	141,402	13,311	12,198	85,959	10,574
	Rhode Island.....	20	7	1,499	7,793	789	1,418	4,077	13,631	18,890	(D)	1,491	11,047	1,253
	Connecticut.....	67	33	4,351	22,343	2,199	4,037	11,415	37,102	49,047	2,385	4,180	30,534	3,233
	Middle Atlantic....	1,098	301	64,546	355,749	33,225	58,262	179,800	560,130	834,876	21,350	61,935	500,258	56,606
	New York.....	522	122	35,931	208,879	18,824	31,274	105,709	322,448	486,522	8,955	34,120	293,458	32,436
	New Jersey.....	196	53	7,919	41,067	3,840	6,822	20,251	74,084	100,698	2,647	7,401	56,990	6,093
	Pennsylvania.....	380	126	20,696	105,803	10,561	20,166	53,840	163,598	247,656	9,748	20,414	149,809	18,077
	East North Central	1,659	588	65,055	358,578	32,335	59,419	172,224	566,207	811,100	36,052	262,570	2,493,924	50,908
	Ohio.....	558	100	16,975	91,864	8,933	17,033	47,801	154,028	218,158	13,289	216,511	1,135,994	13,112
	Indiana.....	263	66	8,178	38,794	4,356	7,975	21,400	69,086	93,674	8,792	7,742	59,234	6,350
	Illinois.....	455	103	19,729	109,199	10,189	18,194	56,080	173,787	257,861	8,671	19,642	144,078	16,758
	Michigan.....	320	75	12,069	67,516	5,696	10,363	31,349	115,945	162,826	2,594	11,707	105,290	9,055
	Wisconsin.....	243	44	6,682	31,205	3,209	5,854	15,594	53,361	78,581	2,706	6,966	49,326	5,633
	West North Central	1,568	193	27,578	124,966	16,284	28,807	71,591	221,313	316,372	10,331	28,167	200,380	24,535
	Minnesota.....	310	36	6,327	27,952	3,452	5,669	15,210	52,403	73,945	1,613	6,027	44,600	5,419
	Iowa.....	324	44	5,644	25,077	3,272	5,887	13,556	46,961	60,671	(D)	5,628	39,424	4,953
	Missouri.....	307	38	7,439	37,844	4,458	7,918	22,492	61,436	98,473	1,598	7,629	56,295	7,142
	North Dakota....	82	10	964	4,172	650	1,170	2,588	7,126	9,577	544	995	6,315	771
	South Dakota....	111	11	1,072	4,154	732	1,344	2,674	7,056	9,706	(D)	1,045	6,207	805
	Nebraska.....	182	20	2,609	11,502	1,570	2,884	6,476	21,926	30,811	627	2,527	19,331	2,265
	Kansas.....	252	34	3,523	14,265	2,150	3,935	8,595	24,405	33,189	2,376	4,313	28,206	3,180
	South Atlantic....	889	195	34,654	160,344	18,193	33,160	84,093	280,632	412,873	22,000	31,936	221,522	24,782
	Delaware.....	17	3	630	3,661	382	669	1,983	5,962	7,460	(2)	676	4,784	474
	Maryland.....	77	16	4,018	19,957	2,042	3,700	10,319	32,336	48,903	(D)	3,863	29,175	3,480
	District of Columbia.....	17	6	3,846	19,808	2,169	3,505	10,296	35,491	56,637	(D)	4,201	30,392	3,667
	Virginia.....	121	28	4,355	19,801	2,160	4,305	10,119	33,453	48,776	1,124	3,867	26,506	2,850
	West Virginia....	87	16	2,727	11,235	1,294	2,456	5,708	19,391	25,563	1,492	2,517	15,075	2,137
	North Carolina....	167	44	4,677	20,405	2,688	5,040	11,216	34,249	49,061	2,926	4,350	28,104	3,098
	South Carolina..	76	14	2,014	8,898	1,036	1,930	4,457	15,651	21,918	(2)	2,019	13,271	1,282
	Georgia.....	156	26	4,092	17,914	2,437	4,449	10,363	33,628	50,482	2,954	3,661	27,167	3,287
	Florida.....	171	42	8,295	38,665	3,985	7,106	19,632	70,471	104,073	5,921	6,778	47,044	4,507
	East South Central	466	72	11,661	53,559	6,439	11,916	28,904	97,042	136,834	4,745	11,108	81,286	8,898
	Kentucky.....	139	20	2,935	14,651	1,615	3,053	7,230	23,856	35,031	802	2,724	19,515	2,372
	Tennessee.....	112	19	4,230	19,806	2,362	4,301	11,051	36,921	51,563	2,627	4,136	31,621	3,223
	Alabama.....	115	18	3,046	13,560	1,648	3,108	7,769	26,999	37,206	566	2,836	21,845	2,176
	Mississippi.....	100	15	1,450	5,542	814	1,454	2,854	9,266	13,034	750	1,411	8,304	1,127
	West South Central	906	138	22,444	97,797	12,054	21,788	52,549	186,242	265,902	8,083	20,948	151,624	16,963
	Arkansas.....	106	13	1,684	6,395	996	1,883	3,688	11,654	16,327	553	1,800	10,268	1,375
	Louisiana.....	105	18	3,217	14,537	1,767	3,279	7,981	32,665	47,469	753	3,043	24,650	2,463
	Oklahoma.....	180	27	3,679	15,019	2,024	3,616	7,941	28,155	38,621	983	3,669	25,647	3,127
	Texas.....	515	80	13,864	61,846	7,267	13,010	32,939	113,768	163,485	5,794	12,435	91,057	9,998
	Mountain.....	479	82	11,122	50,636	6,318	11,147	29,895	92,776	130,886	5,944	9,703	70,212	7,492
	Montana.....	86	16	1,589	7,325	976	1,675	4,744	12,135	16,788	1,277	1,283	8,455	1,006
	Idaho.....	63	10	983	4,375	594	1,074	2,716	8,114	10,059	(2)	725	5,413	723
	Wyoming.....	36	7	481	2,134	329	581	1,314	3,851	4,995	(2)	510	3,290	386
	Colorado.....	128	20	3,619	16,570	1,997	3,461	9,549	25,570	41,130	724	3,417	22,398	2,246
	New Mexico.....	47	10	1,001	4,275	572	1,003	2,332	8,419	10,771	1,098	791	5,673	519
	Arizona.....	58	11	1,944	8,719	884	1,618	4,405	19,084	25,792	2,002	1,532	12,591	1,112
	Utah.....	40	5	984	4,600	616	1,107	3,112	10,269	14,914	(2)	920	8,347	1,166
	Nevada.....	21	3	521	2,638	350	628	1,723	5,334	6,437	(2)	522	4,041	334
	Pacific.....	811	223	37,796	202,879	18,024	31,750	97,526	338,963	481,619	13,655	33,777	269,539	26,334
	Washington.....	176	32	5,357	27,484	2,762	4,605	14,471	49,451	66,071	1,900	5,147	40,750	4,147
	Oregon.....	110	23	3,325	16,704	1,639	2,976	8,726	27,264	38,655	(2)	3,408	25,116	2,879
	California.....	525	168	29,114	158,691	13,623	24,169	74,329	262,248	376,893	11,257	25,222	203,672	19,308
2721	Periodicals, total..	2,323	387	66,028	380,636	11,708	21,209	56,766	932,554	1,676,743	35,033	62,428	795,543	68,957
	New England.....	113	12	1,749	8,842	174	219	499	16,758	44,623	849	1,618	10,421	3,538
	Massachusetts....	69	6	707	3,682	111	156	340	7,818	12,641	(2)	481	4,652	912
	Connecticut.....	26	6	969	4,882	50	44	118	8,366	30,776	514	1,086	5,413	2,520
	Middle Atlantic....	809	173	37,652	232,444	4,733	8,564	25,596	619,292	1,154,737	19,278	34,593	522,023	34,364
	New York.....	645	145	29,972	190,597	2,069	3,501	10,126	504,185	937,084	16,002	26,831	413,864	25,747
	New Jersey.....	58	7	582	3,194	76	116	287	8,412	14,583	(D)	522	5,366	257
	Pennsylvania.....	106	21	7,098	38,653	2,588	4,947	15,183	106,695	203,070	(D)	7,240	102,793	8,360
	East North Central	470	92	10,729	60,574	2,605	4,758	11,810	128,582	202,066	4,947	13,306	142,824	17,308
	Ohio.....	77	17	3,274	17,894	1,123	2,003	5,515	39,080	57,551	1,528	5,447	65,609	8,629
	Indiana.....	34	5	550	2,398	295	569	1,178	5,872	8,361	(2)	475	4,107	742
	Illinois.....	258	53	5,567	33,761	796	1,472	3,281	70,784	115,264				

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted	Value of shipments	Capital ex- pendi- tures, new	All em- ployees, number	Value added by manufac- ture, unadjusted	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2721	Periodicals—Con.													
	South Atlantic....	223	26	4,502	25,127	494	896	1,943	50,291	90,563	2,261	3,384	31,649	3,262
	Maryland.....	25	3	230	1,134	62	120	370	1,960	2,943	(2)	252	1,357	211
	District of Columbia.....	59	17	3,319	19,438	300	559	1,169	39,298	72,088	1,854	2,280	23,238	2,405
	Virginia.....	18	1	120	494	14	25	44	963	1,881	(2)	273	1,810	99
	North Carolina..	27	1	180	752	54	102	186	1,246	2,475	(2)	137	815	125
	Georgia.....	31	3	354	2,090	22	26	49	4,091	5,934	(2)	264	3,149	192
	Florida.....	53	1	249	1,053	31	46	93	2,496	4,770	(2)	121	1,073	108
	East South Central	62	7	857	3,560	299	489	1,062	8,505	14,069	231	1,136	8,823	1,897
	Tennessee.....	29	4	405	1,436	141	218	319	3,012	5,484	(2)	620	3,161	1,323
	West South Central	141	11	1,247	6,178	427	697	1,720	11,628	17,798	552	935	9,604	850
	Louisiana.....	27	2	119	620	22	44	91	1,314	2,020	(2)	...	...	...
	Oklahoma.....	10	2	339	1,938	149	257	620	3,928	4,907	(2)	263	3,412	212
	Texas.....	93	7	729	3,320	251	388	999	5,791	9,947	(2)	566	5,163	452
	Mountain.....	60	4	544	1,885	80	136	388	6,191	9,199	(2)	588	4,231	808
	Colorado.....	22	2	341	1,144	43	70	253	4,295	6,376	(2)	437	3,180	631
	Pacific.....	271	27	2,404	11,685	357	560	1,570	26,160	44,268	738	1,702	16,994	2,082
	Washington.....	24	2	143	604	10	17	49	1,225	2,676	(2)	...	...	...
	California.....	226	24	2,175	10,801	326	504	1,462	24,328	40,642	629	1,547	15,763	1,679
2721-02	Periodicals; Pub- lishing only, total	2,166	287	45,233	270,431	2,504	4,140	10,160	680,633	1,274,001	22,833	(3)	(3)	(3)
	New England.....	109	9	1,512	7,547	74	111	235	14,390	41,554	679	(3)	(3)	(3)
	Middle Atlantic...	772	147	28,602	179,883	1,176	1,853	4,889	487,075	923,316	15,719	(3)	(3)	(3)
	New York.....	622	131	26,807	170,908	1,091	1,721	4,543	463,313	877,746	(D)	(3)	(3)	(3)
	New Jersey.....	55	5	493	2,831	23	35	102	7,740	13,746	(D)	(3)	(3)	(3)
	Pennsylvania....	95	11	1,302	6,144	62	97	244	16,022	31,824	(D)	(3)	(3)	(3)
	East North Central	428	63	6,296	37,581	444	780	1,684	81,954	136,850	2,677	(3)	(3)	(3)
	Ohio.....	69	11	1,379	6,809	151	266	619	15,887	25,936	(2)	(3)	(3)	(3)
	Indiana.....	24	1	139	755	7	13	33	1,662	2,611	(2)	(3)	(3)	(3)
	Illinois.....	246	44	4,186	26,930	224	406	793	57,735	95,831	1,636	(3)	(3)	(3)
	Michigan.....	53	6	377	2,157	32	45	132	5,129	9,707	624	(3)	(3)	(3)
	Wisconsin.....	36	1	215	930	30	50	107	1,541	2,765	(2)	(3)	(3)	(3)
	West North Central	150	20	1,567	7,882	291	544	1,282	15,162	24,751	504	(3)	(3)	(3)
	Minnesota.....	47	7	568	2,749	79	156	325	5,501	8,609	(2)	(3)	(3)	(3)
	South Atlantic....	209	19	3,821	21,727	170	274	691	44,938	82,585	1,986	(3)	(3)	(3)
	District of Columbia.....	53	14	2,849	16,869	72	125	341	35,229	65,938	1,638	(3)	(3)	(3)
	East South Central	57	4	425	1,754	64	107	209	3,973	7,090	(2)	(3)	(3)	(3)
	West South Central	130	5	633	3,127	90	182	342	6,479	11,143	(2)	(3)	(3)	(3)
	Mountain.....	57	1	436	1,487	44	67	256	4,967	7,732	(2)	(3)	(3)	(3)
	Pacific.....	254	19	1,941	9,443	151	222	572	21,695	38,980	617	(3)	(3)	(3)
	California.....	212	17	1,748	8,727	138	202	539	20,190	35,771	537	(3)	(3)	(3)
2721-04	Periodicals; Pub- lishing and printing, total....	157	100	20,795	110,205	9,204	17,069	46,606	251,921	402,742	12,200	(3)	(3)	(3)
	New England.....	4	3	237	1,295	100	108	264	2,368	3,069	(2)	(3)	(3)	(3)
	Middle Atlantic...	37	26	9,050	52,561	3,557	6,711	20,707	132,217	231,421	3,559	(3)	(3)	(3)
	New York.....	23	14	3,165	19,689	978	1,780	5,583	40,872	59,338	(D)	(3)	(3)	(3)
	Pennsylvania....	11	10	5,796	32,509	2,526	4,850	14,939	90,673	171,246	(D)	(3)	(3)	(3)
	East North Central	42	29	4,433	22,993	2,161	3,978	10,126	46,628	65,216	2,270	(3)	(3)	(3)
	Ohio.....	8	6	1,895	11,085	972	1,737	4,896	23,193	31,615	1,158	(3)	(3)	(3)
	Indiana.....	10	4	411	1,643	288	556	1,145	4,210	5,750	(2)	(3)	(3)	(3)
	Illinois.....	12	9	1,381	6,831	572	1,066	2,488	13,049	19,433	(2)	(3)	(3)	(3)
	Michigan.....	5	4	220	1,264	127	211	654	2,100	2,679	(2)	(3)	(3)	(3)
	Wisconsin.....	7	6	526	2,170	202	408	943	4,076	5,739	(2)	(3)	(3)	(3)
	West North Central	24	15	4,777	22,459	2,248	4,346	10,892	49,985	74,669	5,408	(3)	(3)	(3)
	Minnesota.....	6	1	171	931	83	148	396	1,880	2,276	(2)	(3)	(3)	(3)
	South Atlantic....	14	7	681	3,400	324	622	1,252	5,353	7,978	(2)	(3)	(3)	(3)
	District of Columbia.....	6	3	470	2,569	228	434	828	4,069	6,150	(2)	(3)	(3)	(3)
	East South Central	5	3	432	1,806	235	382	853	4,532	6,979	(2)	(3)	(3)	(3)
	West South Central	11	6	614	3,051	337	515	1,378	5,149	6,655	(2)	(3)	(3)	(3)
	Mountain.....	3	3	108	398	36	69	132	1,224	1,467	(2)	(3)	(3)	(3)
	Pacific.....	17	8	463	2,242	206	338	1,002	4,465	5,288	(2)	(3)	(3)	(3)
	California.....	14	7	427	2,074	188	302	923	4,138	4,871	(2)	(3)	(3)	(3)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2731	Books, publishing and printing, total.....	903	233	40,069	193,854	11,023	21,088	44,463	616,241	1,033,144	113,090	35,704	394,702	39,942
	New England.....	57	16	1,342	6,387	274	471	797	44,781	78,363	805	1,564	28,807	2,674
	Massachusetts...	30	11	1,055	5,299	190	317	549	42,687	74,612	684	1,412	27,694	2,440
	Connecticut.....	14	3	189	697	47	85	110	1,192	2,227	(2)	123	943	(D)
	Middle Atlantic...	423	115	20,151	100,727	3,539	7,101	14,714	345,101	577,933	5,736	17,949	219,856	24,005
	New York.....	361	94	15,239	77,837	2,326	4,150	10,246	281,239	478,138	4,844	15,929	200,075	21,830
	New Jersey.....	25	11	3,118	14,137	341	594	1,275	42,483	63,506	530	346	4,056	41
	Pennsylvania....	37	10	1,794	8,753	872	2,357	3,193	21,379	36,289	(2)	1,673	15,724	2,134
	East North Central	182	58	11,414	55,086	3,436	6,650	15,179	158,417	270,835	4,371	10,213	112,300	9,706
	Ohio.....	26	11	1,686	7,883	879	1,786	3,810	15,751	30,099	539	1,437	11,702	1,429
	Indiana.....	20	7	856	3,238	411	798	1,405	6,375	13,005	(2)	538	2,646	220
	Illinois.....	92	31	6,371	29,631	677	1,195	2,482	116,298	179,418	2,712	5,887	76,393	6,353
	Michigan.....	26	4	329	1,371	111	222	458	2,743	5,631	(2)	268	2,324	169
	Wisconsin.....	18	5	2,172	12,963	1,358	2,649	7,024	17,250	42,682	597	2,080	19,232	1,535
	West North Central	58	15	3,253	15,571	1,795	3,250	7,293	28,824	45,674	652	3,025	20,355	1,999
	Minnesota.....	21	3	1,902	9,179	1,338	2,355	5,493	16,034	22,923	(2)	1,526	11,050	1,326
	Iowa.....	9	3	117	328	59	99	132	1,014	1,458	(D)	347	1,539	63
	Missouri.....	20	8	1,122	5,333	390	782	1,643	9,999	18,200	(2)	825	5,484	470
	South Atlantic....	47	7	964	4,091	396	755	1,389	8,606	14,627	610	379	3,152	473
	Maryland.....	7	3	236	876	31	54	66	2,171	3,935	(2)	104	1,253	201
	District of Columbia.....	16	1	395	1,706	222	429	910	3,387	5,621	(D)	...	...	...
	East South Central	20	7	888	3,219	432	706	1,345	11,211	15,961	(2)	149	1,235	242
	West South Central	35	9	1,056	4,175	680	1,364	1,983	8,250	13,135	(2)	922	4,371	345
	Texas.....	28	6	938	3,674	652	1,306	1,906	7,213	11,276	(2)	806	3,687	237
	Mountain.....	20	1	304	1,302	208	417	850	2,765	3,251	(2)	9	32	(D)
	Pacific.....	61	5	697	3,296	263	374	913	8,286	13,365	(2)	490	4,591	(D)
	California.....	54	4	630	2,909	218	294	638	7,406	12,191	(2)	430	4,178	460
2731-02	Books; Publishing only, total.....	818	174	27,851	135,586	2,720	5,419	9,709	518,794	868,572	10,005	(3)	(3)	(3)
	New England.....	54	13	1,247	5,996	210	350	600	44,105	77,502	801	(3)	(3)	(3)
	Massachusetts...	30	11	1,055	5,299	190	317	549	42,687	74,612	684	(3)	(3)	(3)
	Middle Atlantic...	402	101	17,214	85,821	1,463	3,314	5,904	313,865	533,630	5,196	(3)	(3)	(3)
	New York.....	347	87	13,429	68,187	975	1,620	4,204	260,214	448,320	4,477	(3)	(3)	(3)
	East North Central	156	39	7,155	32,709	751	1,366	2,369	127,586	202,413	3,034	(3)	(3)	(3)
	Ohio.....	17	5	509	2,156	101	196	298	8,081	13,718	(2)	(3)	(3)	(3)
	Illinois.....	84	26	5,850	26,919	378	624	1,116	110,789	172,019	2,635	(3)	(3)	(3)
	West North Central	45	9	753	4,022	70	133	146	9,488	17,372	(2)	(3)	(3)	(3)
	South.....	89	10	1,036	4,914	134	159	486	17,965	27,768	(2)	(3)	(3)	(3)
	Maryland.....	7	3	236	876	31	54	66	2,171	3,935	(2)	(3)	(3)	(3)
	West.....	72	2	446	2,124	92	97	204	5,785	9,887	(2)	(3)	(3)	(3)
	California.....	49	2	359	1,877	78	74	153	5,296	8,905	(2)	(3)	(3)	(3)
2731-04	Books; Publishing and printing, total	85	59	12,218	58,268	8,303	15,669	34,754	97,447	164,572	13,085	(3)	(3)	(3)
	New England.....	3	3	95	391	64	121	197	676	861	(2)	(3)	(3)	(3)
	Middle Atlantic...	20	14	2,936	14,905	2,075	3,786	8,809	31,233	44,298	540	(3)	(3)	(3)
	New York.....	14	7	1,810	9,650	1,351	2,530	6,042	21,025	29,818	(2)	(3)	(3)	(3)
	East North Central	27	19	4,269	22,414	2,688	5,287	12,823	30,944	68,546	1,337	(3)	(3)	(3)
	Ohio.....	9	6	1,177	5,727	778	1,590	3,512	7,670	16,381	(2)	(3)	(3)	(3)
	Illinois.....	8	5	521	2,712	299	571	1,366	5,509	7,399	(2)	(3)	(3)	(3)
	West North Central	13	6	2,500	11,549	1,725	3,117	7,147	19,336	28,202	(2)	(3)	(3)	(3)
	South.....	13	13	1,872	6,571	1,374	2,666	4,231	10,102	15,955	607	(3)	(3)	(3)
	West.....	9	4	555	2,474	379	694	1,559	5,266	6,729	(2)	(3)	(3)	(3)
	California.....	5	2	271	1,032	140	220	485	2,110	3,286	(2)	(3)	(3)	(3)
2732	Book printing, total	791	205	28,625	143,990	23,732	46,758	112,312	226,793	357,652	10,846	22,695	144,692	12,022
	New England.....	74	25	4,822	22,930	4,021	8,370	18,624	30,589	48,600	1,113	3,573	19,509	1,710
	Massachusetts...	42	13	3,700	17,723	3,038	6,320	14,430	21,812	34,881	823	2,986	15,791	408
	Connecticut.....	12	5	175	935	146	309	653	1,592	2,427	(2)	178	1,281	(D)
	Middle Atlantic...	278	74	9,290	49,159	7,603	14,410	37,815	79,253	122,604	3,330	8,246	54,562	4,661
	New York.....	169	51	5,947	33,743	4,814	9,106	25,666	56,387	89,303	2,573	5,287	37,024	3,930
	New Jersey.....	44	5	1,090	5,478	924	1,664	4,398	7,625	10,468	(2)	857	5,124	135
	Pennsylvania.....	65	18	2,253	9,938	1,865	3,640	7,751	15,241	22,833	(2)	2,101	12,412	596
	East North Central	159	46	7,433	38,785	6,277	12,555	30,726	63,057	104,257	3,335	6,242	42,257	4,422
	Ohio.....	44	11	980	5,067	835	1,663	3,999	8,896	14,765	(2)	696	4,702	697
	Indiana.....	22	8	3,357	17,243	2,832	5,833	13,763	25,522	42,225	1,632	2,606	16,389	2,354
	Illinois.....	54	18	2,233	12,145	1,869	3,528	9,606	20,212	31,055	982	1,735	12,601	412
	Michigan.....	23	6	424	2,122	342	656	1,441	3,636	5,998	(2)	...	...	...
	Wisconsin.....	16	3	439	2,208	399	875	1,917	4,791	10,214	(2)	...	...	...

See footnotes at end of table.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2732	Book printing—Con.										(2)	676	4,230	683
	West North Central	55	12	1,433	6,603	1,136	2,014	4,694	13,111	20,199	(2)	...	...	...
	Minnesota.....	12	3	134	524	86	151	346	725	1,188	(2)	...	...	...
	Iowa.....	10	3	126	604	95	191	396	984	1,492	(D)	...	...	...
	Missouri.....	19	5	1,058	4,913	861	1,474	3,546	10,587	16,068	(2)	382	2,209	363
	South Atlantic....	70	24	2,308	10,121	1,920	3,854	7,599	15,629	23,911	749	1,577	9,071	(1)
	Maryland.....	13	6	489	2,204	437	868	1,771	3,495	4,976	(2)	157	1,110	(1)
	District of Columbia.....	7	3	268	1,508	208	378	1,027	2,412	4,296	(2)	250	1,657	(1)
	North Carolina..	9	2	253	1,061	226	580	867	1,192	1,664	(2)	195	766	(1)
	South Carolina..	4	3	163	585	112	206	377	914	1,377	(D)	...	...	...
	Georgia.....	12	6	388	2,094	285	510	1,390	3,213	4,600	(2)	557	3,494	(1)
	East South Central	20	5	2,109	10,158	1,771	3,671	8,065	15,007	20,358	995	1,683	10,312	(1)
	West South Central	46	7	541	2,432	432	809	1,763	3,610	6,298	(2)	301	1,806	(1)
	Texas.....	26	4	230	1,095	180	345	762	1,665	2,869	(2)	128	390	(1)
	Mountain.....	17	1	82	357	71	128	301	782	1,240	(2)	50	390	(D)
	Pacific.....	72	11	607	3,445	501	947	2,725	5,755	10,185	(2)	344	2,552	119
	California.....	62	9	538	3,144	446	851	2,479	5,192	9,301	(2)	319	2,401	(D)
2741	Miscellaneous Publishing, total.....	1,105	164	19,870	95,518	6,538	12,029	28,633	206,851	316,928	5,993	18,378	149,310	12,036
	New England.....	63	13	1,011	4,107	464	858	1,519	8,606	12,616	(2)	1,816	11,248	1,116
	Massachusetts....	45	9	703	3,014	302	549	1,076	6,376	9,240	(2)	1,468	8,968	905
	Middle Atlantic...	420	56	7,468	39,499	1,461	2,843	6,689	90,472	120,775	1,575	6,896	62,544	4,839
	New York.....	339	41	6,303	34,064	1,147	2,246	5,400	79,256	104,065	1,146	5,870	55,249	4,380
	New Jersey.....	32	6	526	2,896	129	257	627	6,066	9,101	(D)	409	4,099	187
	Pennsylvania....	49	9	639	2,539	185	340	662	5,150	7,609	(D)	616	3,194	272
	North Central.....	310	57	6,455	30,934	2,891	5,281	12,873	66,080	124,501	2,448	6,634	57,397	4,222
	Ohio.....	39	9	487	1,916	229	380	809	3,796	5,928	(2)	873	5,575	654
	Illinois.....	92	23	3,788	21,121	1,854	3,539	9,432	45,712	93,068	1,507	2,939	35,948	2,197
	Missouri.....	21	5	414	1,554	132	262	481	3,030	4,925	(2)	340	1,295	307
	Kansas.....	8	5	297	940	209	327	587	1,924	2,959	(2)	...	...	...
	South.....	148	17	2,111	8,421	479	888	1,621	15,003	21,860	916	1,443	7,980	(D)
	Georgia.....	8	5	262	1,259	125	260	486	1,845	2,835	(2)	...	...	...
	Florida.....	28	3	206	930	76	103	236	1,737	3,453	(2)	...	...	...
	West.....	164	21	2,825	12,557	1,243	2,159	5,931	26,690	37,176	737	1,586	10,138	943
	California.....	115	17	2,411	11,019	1,075	1,865	5,422	23,667	32,685	533	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

Revised.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2721, Periodicals: New England—Maine, 4 (20-99); New Hampshire, 7 (20-99); Vermont, 3 (1-19); Rhode Island, 4 (1-19); West North Central—Missouri, 58 (1,000-2,499); North Dakota, 1 (1-19); South Dakota, 4 (20-99); Kansas, 16 (500-999); South Atlantic—West Virginia, 1 (1-19); North Carolina, 9 (20-99); East South Central—Kentucky, 18 (100-249); Alabama, 11 (250-499); Mississippi, 4 (20-99); West South Central—Arkansas, 11 (20-99); Mountain—Montana, 3 (20-99); Idaho, 2 (1-19); Wyoming, 2 (1-19); New Mexico, 5 (20-99); Arizona, 17 (20-99); Utah, 7 (20-99); Nevada, 2 (1-19); Pacific—Oregon, 21 (20-99).

SIC 2721-02, Periodicals; Publishing: New England—Maine, 4 (20-99); New Hampshire, 7 (20-99); Vermont, 3 (1-19); Massachusetts, 66 (500-999); Rhode Island, 4 (1-19); Connecticut, 25 (500-999); West North Central—Iowa, 27 (100-249); Missouri, 51 (500-999); North Dakota, 1 (1-19); South Dakota, 3 (1-19); Nebraska, 7 (1-19); Kansas, 14 (20-99); South Atlantic—Maryland, 24 (100-249); Virginia, 17 (20-99); West Virginia, 1 (1-19); North Carolina, 25 (100-249); South Carolina, 8 (20-99); Georgia, 30 (250-499); Florida, 51 (100-249); East South Central—Kentucky, 17 (100-249); Tennessee, 26 (100-249); Alabama, 10 (20-99); Mississippi, 4 (20-99); West South Central—Arkansas, 11 (20-99); Louisiana, 25 (20-99); Oklahoma, 9 (100-249); Texas, 85 (250-499); Mountain—Montana, 2 (1-19); Idaho, 2 (1-19); Wyoming, 2 (1-19); Colorado, 21 (250-499); New Mexico, 5 (20-99); Arizona, 17 (20-99); Utah, 6 (20-99); Nevada, 2 (1-19); Pacific—Washington, 23 (100-249); Oregon, 19 (20-99).

SIC 2721-04, Periodicals; Publishing and Printing: New England—Massachusetts, 3 (100-249); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 3 (20-99); West North Central—Iowa, 6 (2,287); Missouri, 7 (1,000-2,499); South Dakota, 1 (20-99); Nebraska, 2 (100-249); Kansas, 2 (500-999); South Atlantic—Maryland, 1 (20-99); Virginia, 1 (20-99); North Carolina, 2 (20-99); South Carolina, 1 (1-19); Georgia, 1 (20-99); Florida, 2 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 3 (100-249); Alabama, 1 (100-249); West South Central—Louisiana, 2 (20-99); Oklahoma, 1 (100-249); Texas, 8 (250-499); Mountain—Montana, 1 (20-99); Colorado, 1 (20-99); Utah, 1 (20-99); Pacific—Washington, 1 (1-19); Oregon, 2 (20-99).

SIC 2731, Books, Publishing and Printing: New England—Maine, 4 (20-99); New Hampshire, 5 (20-99); Vermont, 1 (1-19); Rhode Island, 3 (1-19); Connecticut, 13 (100-249); Middle Atlantic—New Jersey, 23 (2,500 and over); Pennsylvania, 32 (500-999); East North Central—Indiana, 16 (250-499); Michigan, 23 (100-249); Wisconsin, 16 (100-249); West North Central—Minnesota, 18 (100-249); Iowa, 8 (20-99); Missouri, 14 (250-499); Kansas, 5 (20-99); South Atlantic—District of Columbia, 15 (20-99); Virginia, 4 (1-19); North Carolina, 2 (20-99); South Carolina, 3 (20-99); Georgia, 4 (100-249); Florida, 10 (20-99); Kentucky, 3 (1-19); Tennessee, 5 (250-499); Alabama, 5 (1-19); Mississippi, 2 (1-19); Arkansas, 2 (1-19); Louisiana, 2 (20-99); Oklahoma, 2 (20-99); Texas, 23 (100-249); West—Montana, 1 (1-19); Idaho, 1 (1-19); Wyoming, 1 (1-19); Colorado, 6 (20-99); Arizona, 4 (1-19); Utah, 3 (1-19); Nevada, 2 (1-19); Washington, 4 (20-99); Oregon, 3 (20-99).

SIC 2731-02, Books; Publishing Only: New England—Maine, 3 (1-19); New Hampshire, 4 (1-19); Vermont, 1 (1-19); Rhode Island, 3 (1-19); Connecticut, 13 (100-249); Middle Atlantic—New Jersey, 23 (2,500 and over); Pennsylvania, 32 (500-999); East North Central—Indiana, 16 (250-499); Michigan, 23 (100-249); Wisconsin, 16 (100-249); West North Central—Minnesota, 18 (100-249); Iowa, 8 (20-99); Missouri, 14 (250-499); Kansas, 5 (20-99); South Atlantic—District of Columbia, 15 (20-99); Virginia, 4 (1-19); North Carolina, 2 (20-99); South Carolina, 3 (20-99); Georgia, 4 (100-249); Florida, 10 (20-99); Kentucky, 3 (1-19); Tennessee, 5 (250-499); Alabama, 5 (1-19); Mississippi, 2 (1-19); Arkansas, 2 (1-19); Louisiana, 2 (20-99); Oklahoma, 2 (20-99); Texas, 23 (100-249); West—Montana, 1 (1-19); Idaho, 1 (1-19); Wyoming, 1 (1-19); Colorado, 6 (20-99); Arizona, 4 (1-19); Utah, 3 (1-19); Nevada, 2 (1-19); Washington, 3 (1-19); Oregon, 2 (1-19).

SIC 2731-04, Books; Publishing and Printing: New England—Maine, 1 (20-99); New Hampshire, 1 (20-99); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 2 (100-249); Pennsylvania, 5 (500-999); East North Central—Indiana, 4 (250-499); Michigan, 3 (100-249); Wisconsin, 2 (1,000-2,499); West North Central—Minnesota, 3 (1,000-2,499); Iowa, 1 (20-99); Missouri, 6 (500-999); South Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); North Central—District of Columbia, 1 (250-499); Virginia, 1 (100-249); Kentucky, 1 (250-499); Tennessee, 4 (250-499); Oklahoma, 1 (20-99); Texas, 5 (500-999); West—Colorado, 1 (100-249); New Mexico, 1 (1-19); Washington, 1 (20-99); Oregon, 1 (1-19).

Footnotes continued on next page.



Footnotes for Table 2-27A

SIC 2732, Book Printing: New England—Maine, 4 (20-99); New Hampshire, 4 (20-99); Vermont, 9 (500-999); Rhode Island, 3 (100-249); West North Central—North Dakota, 3 (1-19); South Dakota, 1 (1-19); Nebraska, 5 (20-99); Kansas, 5 (20-99); South Atlantic—Virginia, 4 (500-999); West Virginia, 9 (20-99); Florida, 12 (20-99); East South Central—Kentucky, 6 (100-249); Tennessee, 4 (1,749); Alabama, 5 (20-99); Mississippi, 5 (100-249); West South Central—Arkansas, 8 (100-249); Louisiana, 8 (20-99); Oklahoma, 4 (1-19); Mountain—Wyoming, 1 (1-19); Colorado, 9 (20-99); Arizona, 3 (1-19); Utah, 4 (20-99); Pacific—Washington, 9 (20-99); Oregon, 1 (1-19).

SIC 2741, Miscellaneous Publishing: New England—Maine, 1 (1-19); Vermont, 2 (20-99); Rhode Island, 3 (1-19); Connecticut, 12 (100-249); North Central—Indiana, 17 (100-249); Michigan, 54 (500-999); Wisconsin, 28 (250-499); Minnesota, 20 (250-499); Iowa, 15 (20-99); North Dakota, 3 (1-19); South Dakota, 8 (20-99); Nebraska, 5 (1-19); South—Maryland, 9 (20-99); District of Columbia, 9 (250-499); Virginia, 6 (500-999); West Virginia, 1 (1-19); North Carolina, 13 (20-99); South Carolina, 1 (20-99); Kentucky, 3 (20-99); Tennessee, 16 (20-99); Mississippi, 1 (1-19); Arkansas, 2 (1-19); Louisiana, 4 (20-99); Oklahoma, 9 (20-99); Texas, 38 (250-499); West—Idaho, 1 (1-19); Wyoming, 2 (1-19); Colorado, 11 (100-249); New Mexico, 4 (1-19); Arizona, 8 (20-99); Utah, 1 (1-19); Nevada, 2 (1-19); Washington, 11 (20-99); Oregon, 9 (20-99).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>Comparable data for 1954 and 1947 are not available because of sub-industry treatment for the first time in 1958.

Table 3.—Detailed Statistics for the United States: 1958

Item	Newspapers (SIC 2711)	Periodicals (SIC 2721)		Books, publishing and printing (SIC 2731)		Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)
		Periodicals publishing only	Periodicals publishing and printing	Book publishing only	Book publishing and printing		
Primary product specialization ratio <sup>1</sup> .....	96	(NA)	(NA)	(NA)	(NA)	72	89
Coverage ratio <sup>2</sup> .....	100	(NA)	(NA)	(NA)	(NA)	60	87
Number of establishments, total.....	8,250	2,166	157	818	85	791	1,105
With 1-19 employees.....	6,526	1,879	57	644	26	586	941
With 20-99 employees.....	1,258	228	65	123	28	148	122
With 100 employees or more.....	466	59	35	51	31	57	42
Proprietors and working partners.....Number..	r6,456	r776	r43	r281	r26	r528	r581
All employees:							
Number (average for the year).....	294,258	45,233	20,795	27,851	12,218	28,625	19,870
Payroll.....\$1,000..	1,495,136	270,431	110,205	135,586	58,268	143,990	95,518
Production workers:							
Number (average for the year).....	154,014	2,504	9,204	2,720	8,303	23,732	6,538
March.....	152,243	2,623	9,459	2,505	8,457	24,411	6,316
May.....	154,881	2,559	9,214	2,609	8,354	23,995	6,563
August.....	155,998	2,589	9,008	2,770	8,156	23,568	6,518
November.....	156,485	2,637	9,155	2,688	8,280	23,535	6,613
Man-hours.....1,000..	276,910	4,140	17,069	5,419	15,669	46,758	12,029
January-March.....do..	67,567	949	4,432	1,291	3,979	11,750	3,003
April-June.....do..	70,125	881	4,200	1,318	4,010	11,984	2,962
July-September.....do..	68,285	932	4,118	1,428	3,604	11,437	2,899
October-December.....do..	70,933	1,027	4,317	1,382	4,076	11,587	3,165
Wages.....\$1,000..	775,857	10,160	46,606	9,709	34,754	112,312	28,633
Cost of materials, etc., total.....do....	1,109,114	594,251	150,441	r349,532	63,782	130,418	110,356
Materials, parts, containers, and supplies consumed.....do....	r1,003,097	235,476	90,490	105,444	47,863	102,170	39,396
Cost of resales.....do....	10,451	16,132	4,013	15,593	6,292	2,838	854
Fuels consumed.....do....	5,397	450	702	268	271	865	294
Electricity purchased.....do....	16,302	2,136	1,087	712	648	1,956	783
Contract work.....do....	r73,872	340,067	54,147	r227,710	8,708	22,589	69,029
Value of shipments (including resales), total.....do....	3,628,021	1,274,001	402,742	868,572	164,572	357,652	316,928
Value of resales.....do....	12,465	19,752	6,385	r24,364	7,876	3,309	1,228
Value added by manufacture, adjusted...do....	2,516,921	680,633	251,921	518,794	97,447	226,793	206,851
Manufacturers' inventories:							
Beginning of year, total.....do....	136,313	71,164	28,078	169,234	41,183	34,488	21,182
Finished products.....do....	7,873	11,593	6,272	115,248	19,345	10,811	9,240
Work-in-process.....do....	1,807	7,460	5,489	36,777	12,092	12,120	4,694
Materials, supplies, fuel, etc.....do....	r126,633	52,111	16,317	17,209	r9,746	r11,557	r7,248
End of year, total.....do....	131,186	69,024	25,265	168,529	36,252	35,339	21,012
Finished products.....do....	5,890	11,747	5,598	114,387	r19,488	11,114	9,421
Work-in-process.....do....	1,804	8,057	5,130	r37,774	r8,606	12,258	4,234
Materials, supplies, fuel, etc.....do....	r123,492	49,220	14,537	16,368	r8,158	r11,967	r7,357
Expenditures for plant and equipment, total.....do....	147,365	23,350	12,339	r10,133	3,567	11,978	6,330
New, total.....do....	139,871	22,833	12,200	10,005	3,085	10,846	5,993
New structures and additions to plant.....do....	65,521	7,549	5,649	4,901	798	2,793	1,501
New machinery and equipment.....do....	r74,350	15,284	6,551	5,104	2,287	8,053	4,492
Used plant and equipment.....do....	r7,494	517	139	128	r482	r1,132	337

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available. <sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

shown in the size-class to the left)			Establishments with an average of—									
Ind. code	Industry and item	All establishments, total									1,000-2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees		
2711	Newspapers: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	8,250 294,258 1,493,136 2,516,921 3,628,021 139,871	3,434 7,801 21,944 45,811 76,806 14,201	1,929 12,762 41,516 72,018 105,679 5,982	1,163 15,637 57,348 94,953 128,474 7,136	904 27,448 114,328 187,711 238,709 8,742	354 24,890 115,518 191,767 239,741 8,985	258 39,574 199,216 349,911 444,930 13,774	105 36,823 187,976 349,314 472,874 18,010	55 40,652 221,260 394,234 580,208 12,891	42 65,338 389,077 615,690 973,449 43,116	6 23,333 144,953 215,512 367,151 7,034
2721	Periodicals: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	2,323 66,028 380,636 932,554 1,686,743 35,033	1,168 2,552 11,151 28,023 61,866 2,232	437 2,925 15,647 34,353 63,250 1,012	331 4,501 23,901 51,732 87,067 1,414	206 6,433 36,587 77,061 132,899 1,059	87 5,920 33,393 72,027 109,130 1,502	54 8,440 47,900 118,061 207,346 2,342	20 7,631 42,504 104,305 188,180 1,417	12 7,979 46,159 91,818 194,401 8,740	4 6,781 36,659 89,259 163,138 (D)	4 12,866 86,735 265,915 469,376 15,315
2721-02	Periodicals; publishing only: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	2,166 45,233 270,431 680,633 1,274,001 22,833	1,165 2,546 11,132 27,975 61,794 2,229	416 2,770 14,934 32,998 61,384 981	298 4,009 21,720 48,200 82,300 1,329	169 5,193 30,949 66,572 115,898 646	59 3,934 23,246 53,890 86,498 1,026	36 5,556 34,807 89,497 166,949 957	11 1,176 23,477 56,395 109,233 (1)	7 17,049 110,166 305,106 589,945 15,561	2 (D) (D) (D) (D) (D) (D)	3 (D) (D) (D) (D) (D) (D)
2721-04	Periodicals; publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	157 20,795 110,205 251,921 402,742 12,200	3 6 19 48 72 ...	21 155 713 1,355 1,866 ...	33 492 2,181 3,532 4,767 (1)	37 1,240 5,638 10,489 17,001 (1)	28 1,986 10,147 18,137 22,632 (1)	18 2,884 13,093 28,564 40,487 1,385	9 3,455 19,027 47,910 78,947 1,313	5 10,577 59,387 141,886 236,970 8,494	2 (D) (D) (D) (D) (D) (D)	1 (D) (D) (D) (D) (D) (D)
2731	Books, publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	903 40,069 193,854 616,241 1,033,144 13,090	411 823 3,196 12,384 24,056 813	155 1,009 5,194 16,608 32,473 684	104 1,434 6,785 20,268 33,456 (1)	93 2,936 15,092 60,817 117,279 559	58 4,172 22,383 85,996 156,378 1,189	51 7,610 37,495 121,006 210,891 2,416	15 4,886 25,108 107,582 108,055 2,182	9 5,595 29,292 107,582 159,060 3,677	7 11,604 49,309 1120,012 191,496 1,291	... ... ... ... ... ...
2731-02	Books, publishing only: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	818 27,851 135,586 518,794 868,572 10,005	408 818 3,180 12,365 24,023 813	144 932 4,810 15,073 30,109 670	92 1,243 5,900 17,883 30,143 (1)	76 2,413 12,953 56,776 111,766 442	47 3,446 19,467 81,382 149,013 1,130	34 5,062 26,638 102,410 180,344 1,746	7 2,370 14,572 53,711 78,338 1,384	5 11,567 48,066 179,194 264,836 3,574	5 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
2731-04	Books, publishing and printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	85 12,218 58,268 97,447 164,572 13,085	3 5 16 19 33 ...	11 77 384 1,535 2,364 (D)	12 191 885 2,385 3,313 (1)	17 523 2,139 4,041 5,513 (1)	11 726 2,916 4,614 7,365 (1)	17 2,548 10,857 18,596 30,547 670	8 2,516 10,536 17,857 29,717 798	4 5,632 30,535 48,400 85,720 1,394	2 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...
2732	Book printing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	791 28,625 143,990 226,793 357,652 10,846	362 717 2,593 6,341 11,824 636	141 959 4,291 7,414 13,800 (1)	83 1,101 5,914 9,157 16,110 506	111 3,524 19,346 28,942 46,794 930	37 2,383 13,356 21,483 31,437 1,122	36 5,716 29,498 46,989 73,432 1,287	11 4,012 17,843 30,082 45,285 989	7 5,451 25,745 33,611 50,285 1,030	3 4,762 25,404 42,774 68,110 3,876	... ... ... ... ... ...
2741	Miscellaneous publishing: Number of establishments..... All employees: Number..... Payroll.....\$1,000.. Value added, adjusted..do.... Value of shipments.....do.... Capital expend., new...do....	1,105 19,870 95,518 206,851 316,928 5,993	627 1,231 4,812 17,001 26,731 2,022	201 1,331 5,415 13,690 21,172 689	113 1,562 6,950 15,129 23,864 709	90 2,690 12,061 25,379 35,926 538	32 2,299 10,862 21,880 27,582 (1)	30 4,172 20,528 45,827 62,901 592	7 2,174 10,261 18,710 52,806 (1)	3 4,411 24,629 49,235 65,946 840	2 (D) (D) (D) (D) (D) (D)	... ... ... ... ... ...

Revised. <sup>1</sup>Less than \$500 thousand.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of receipts					Value of primary activities reported			
		Total	Primary activities	Secondary activities	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, reported in this industries	Reported in this industry	Reported in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2711	Newspapers.....1958..	3,628,021	3,458,342	137,996	31,683	96	3,458,342	3,458,342	...	100
	1954..	3,104,940	2,926,465	152,430	26,045	95	2,926,465	2,926,465	...	100
2721	Periodicals.....1958..	1,676,743	1,527,357	114,565	34,821	93	1,578,448	1,527,357	51,091	97
	1954..	1,469,759	1,364,162	73,927	31,670	95	1,413,052	1,364,162	48,890	97
2731	Books, publishing and printing..1958..	1,033,144	906,529	77,722	48,893	92	1,010,715	906,529	104,186	90
	1954..	708,943	595,557	59,385	54,001	91	665,419	595,557	69,862	90
2732	Book printing.....1958..	357,652	254,354	96,955	6,343	72	422,907	254,354	168,553	60
	1954..	224,959	168,539	51,584	4,836	76	304,874	168,539	136,335	55
2741	Miscellaneous publishing.....1958..	316,928	266,893	31,370	18,665	89	306,443	266,893	39,550	87
	1954..	234,558	190,122	32,395	12,041	85	231,140	190,122	41,018	82

<sup>1</sup>The specialization ratio compares the given industry's receipts from primary activities to its total receipts for all activities. (The primary activities are listed in tables 5B and 6A: the first four digits of the product code represent the industry code to which the activities is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total receipts from activities primary to the given industry are reported by establishments classified in that industry.

Table 5B.—Industry-Product Analysis--Receipts by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of receipts of the specified industry divided among: (a) newspapers, periodicals, book and miscellaneous publishing, and book printing, (b) activities classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of receipts of the primary activities of the industry by all manufacturing industries, and thus corresponds to the totals shown in table 6A)

Prod. class code	Class of products and miscellaneous receipts	News-papers (SIC 2711)	Periodicals (SIC 2721)		Books, publishing and printing (SIC 2731)		Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)	Printing: Letterpress (SIC 2751)	Printing: Lithographic (SIC 2752)	Other industries	All industries
			Publishing only	Publishing and printing	Publishing only	Publishing and printing						
	Total shipments and receipts of the industry.....	3,628,021	1,274,001	402,742	868,572	164,572	357,652	316,928	xxx	xxx	xxx	xxx
271-272-273-274-	Newspaper, periodical, book, miscellaneous publishing and book printing, total.....	3,464,018	1,240,699	373,165	823,927	132,689	255,845	291,583	xxx	xxx	xxx	xxx
27111	Newspaper publishing:											
	Subscription and sales: Daily and Sunday.....	916,661	...	(1)	...	...	(1)	(1)	...	...	...	916,661
27112	Advertising: Daily and Sunday.....	2,208,657	...	(1)	...	...	(1)	(1)	...	...	...	2,208,657
27113	Subscription and sales: Weekly and other.....	62,648	...	(1)	...	(1)	(1)	(1)	...	...	...	62,648
27114	Advertising: Weekly and other.....	235,211	...	(1)	...	(1)	(1)	(1)	...	...	...	235,211
27110	Newspaper receipts, nsk.....	35,165	(1)	...	...	(1)	...	...	...	...	...	35,165
	Periodical publishing:											
27211	Farm, subscription and sales.....	331	4,758	4,693	...	(D)	(D)	...	1,458	...	(2)	11,298
27212	Farm, advertising.....	1,379	25,847	24,671	...	...	(D)	...	3,212	(D)	...	55,447
27213	Business and professional, subscription and sales.....	223	59,831	12,307	5,521	(D)	...	450	757	109	(D)	80,898
27214	Business and professional, advertising.....	(D)	239,564	53,342	1,227	(D)	...	(D)	1,632	(D)	466	301,671
27215	General, subscription and sales....	(2)	278,069	53,867	4,377	(D)	(D)	(D)	1,262	...	866	338,852
27216	General, advertising.....	(2)	403,754	129,146	4,233	(D)	(D)	...	491	...	...	538,048
27217	Other, subscription and sales and advertising.....	3,742	123,810	74,628	2,030	5,333	(2)	707	1,418	927	(2)	212,654
27210	Periodicals receipts, nsk.....	129	38,460	610	(D)	(D)	...	(D)	160	(D)	(2)	39,580
	Book publishing:											
27311	Texts.....	...	475	1,061	270,957	7,072	(D)	(D)	(D)	(D)	(2)	281,572
27312	Subscription reference.....	...	(D)	...	149,897	2,793	...	(D)	(D)	(D)	...	152,794
27313	Technical, scientific and professional.....	...	3,936	(D)	56,625	29,865	(D)	1,375	(D)	...	<sup>3</sup> 22,417	116,021
27314	Religious.....	(D)	392	1,812	32,075	23,684	(D)	(2)	(2)	(D)	(2)	58,643
27315	General (trade).....	(D)	38,569	(D)	211,612	20,038	(2)	(D)	(2)	(D)	(2)	274,739
27316	Other books and pamphlets.....	(D)	12,330	9,142	55,683	27,138	(D)	1,622	260	(D)	421	106,778
27310	Book publishing, nsk.....	(2)	(D)	(D)	18,027	1,063	(D)	(D)	298	(D)	642	20,166
	Book printing:											
27321	Book printing and binding (Lithographic).....	931	...	261	...	433	98,079	(D)	15,865	44,708	(D)	167,586
27322	Book printing and binding (Other processes).....	1,793	...	1,370	...	10,581	150,395	204	64,269	13,574	6,262	248,448
27320	Book printing and binding, nsk.....	118	...	(D)	...	...	5,880	...	156	176	525	6,873
	Miscellaneous publishing:											
27411	Catalogs and directories publishing.....	(2)	2,987	407	(2)	(D)	(D)	89,730	126	(D)	41	93,601
27412	Business services publishing.....	...	2,937	...	(D)	(D)	...	58,552	(D)	(D)	...	72,908
27413	Other miscellaneous publishing.....	4,724	3,703	2,560	1,094	2,113	(D)	95,213	589	659	(D)	113,851
27410	Miscellaneous publishing, nsk.....	874	133	(D)	(2)	...	(D)	23,398	1,158	256	163	26,083
	Other activities, total.....	132,320	6,425	21,633	4,840	22,795	95,464	6,680	xxx	xxx	xxx	xxx
27511	Magazines and periodical printing (Letterpress).....	2,867	...	3,929	...	446	15,488	182	xxx	xxx	xxx	xxx
27512	Labels and wrappers (Letterpress)....	(D)	...	...	...	(D)	464	...	xxx	xxx	xxx	xxx
27513	Catalogs and directories (Letterpress).....	9,694	...	1,169	...	219	5,348	(D)	xxx	xxx	xxx	xxx
27514	Financial and legal (Letterpress)....	869	...	(D)	...	...	1,477	...	xxx	xxx	xxx	xxx
27515	Advertising printing (Letterpress)....	7,738	...	5,666	...	(D)	9,139	394	xxx	xxx	xxx	xxx
27516	Other general job printing (Letterpress).....	85,364	...	5,103	...	3,685	5,340	1,617	xxx	xxx	xxx	xxx
27521	Magazines and periodicals (Lithographic).....	...	...	(D)	...	(D)	6,791	...	xxx	xxx	xxx	xxx
27523	Labels and printing (Lithographic)....	...	...	...	...	...	9,773	(D)	xxx	xxx	xxx	xxx
27525	Advertising printing (Lithographic)....	(2)	...	(D)	...	(D)	16,732	(D)	xxx	xxx	xxx	xxx
27526	Other commercial printing (Lithographic).....	9,126	...	1,431	...	832	6,537	708	xxx	xxx	xxx	xxx
2789-	Bookbinding.....	(D)	...	...	...	6,944	6,287	...	xxx	xxx	xxx	xxx
2791-	Typesetting.....	330	...	(D)	...	...	4,146	...	xxx	xxx	xxx	xxx
2793-	Photoengraving.....	6,116	...	(D)	...	...	(2)	...	xxx	xxx	xxx	xxx
	Other secondary activities.....	<sup>4</sup> 18,788	6,425	2,810	4,840	9,762	7,848	3,704	xxx	xxx	xxx	xxx
	Miscellaneous receipts, total.....	31,683	26,877	7,944	39,805	9,088	6,343	18,665	xxx	xxx	xxx	xxx
	Resales.....	12,465	19,752	6,385	24,364	7,876	3,309	1,228	xxx	xxx	xxx	xxx
	Publishers' share from sales of rights.....	2,547	1,184	(D)	11,900	(D)	229	12,517	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	16,671	5,941	(D)	3,541	(D)	2,805	4,920	xxx	xxx	xxx	xxx

<sup>1</sup>Revised. <sup>2</sup>Withheld to avoid disclosing figures of individual companies. <sup>3</sup>An insignificant amount reported for this industry is included with the figures for the newspaper industry. <sup>4</sup>Less than 100 thousand. <sup>5</sup>The following three industries accounted for this total: 3729, Aircraft Equipment, NEC, 3721, Aircraft, 1925, Complete Guided Missiles; exact figures are withheld to avoid disclosing figures for individual companies. <sup>6</sup>Of this total \$5.6 million represented activities primary to industry 2741, Miscellaneous Publishing, \$3.8 million were product class 27510, Commercial printing (letterpress) nec, \$2.1 million were product class 27517, Publication printing (gravure) and \$2.1 million represented product class 27518, Other gravure printing.



Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Type of publication	1958		1954	
		Aggregate average circulation per issue <sup>1</sup> (1,000)	Total receipts (\$1,000)	Total receipts <sup>2</sup> (\$1,000)	
2711---	Newspapers, total.....	xxx	3,458,342	*2,913,167	
	Daily and Sunday newspapers <sup>3</sup> .....	xxx	3,125,318	*2,617,850	
27111--	Receipts from subscriptions and sales.....	xxx	916,661	*780,047	
2711101	Morning (no Sunday editions).....	1,908	32,860	780,047	
2711111	Evening (no Sunday editions).....	13,225	151,145		
2711122	Morning and Sunday:				
	Morning editions.....	12,018	227,314		
	Sunday editions.....	17,505			
2711132	Evening and Sunday:				
	Evening editions.....	12,314	205,030		
	Sunday editions.....	14,175			
2711142	Morning and evening (no Sunday editions):				
	Morning edition.....	233	8,660		
	Evening edition.....	386			
2711152	Morning, evening, and Sunday:				
	Morning editions.....	9,754	291,665		
	Evening editions.....	8,872			
	Sunday editions.....	16,601			
27112--	Receipts from advertising.....	xxx	2,208,657	*1,837,803	
2711201	Morning (no Sunday editions).....	xxx	55,443	1,837,803	
2711211	Evening (no Sunday editions).....	xxx	409,748		
2711222	Morning and Sunday.....	xxx	497,100		
2711232	Evening and Sunday.....	xxx	500,384		
2711242	Morning and evening (no Sunday editions).....	xxx	21,249		
2711252	Morning, evening, and Sunday.....	xxx	724,733		
	Weekly and other newspapers.....	xxx	297,859	260,798	
27113--	Receipts from subscriptions and sales.....	xxx	62,648	54,862	
2711362	Weekly newspapers (including those issued on Sunday only).....	29,828	53,638	48,324	
2711398	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week)...	3,651	9,010	6,538	
27114--	Receipts from advertising.....	xxx	235,211	205,936	
2711462	Weekly newspapers (including those issued on Sunday only).....	xxx	194,666	176,621	
2711498	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week)...	xxx	40,545	29,315	
2711000	Newspapers, not specified by frequency and receipts undistributed between subscriptions and sales, and advertising.....	(NA)	35,165	43,519	
		1958		1954	
		Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)	Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)
2721---	Periodicals, total.....	<sup>5</sup> 391,936	1,578,448	449,285	1,413,052
27211--	Farm periodicals: Receipts from subscriptions and sales.....	18,850	11,298	19,623	8,575
	General:				
2721111	Subscription sales.....	14,872	{ 7,509 631 }	16,913	6,964
2721113	Single copy sales.....				
	Specialized:				
2721115	Subscription sales.....	3,978	{ 2,674 484 }	2,710	1,611
2721117	Single copy sales.....				
27212--	Farm periodicals: Receipts from advertising.....	xxx	55,447	xxx	47,773
2721211	General.....	xxx	39,535	xxx	39,354
2721215	Specialized.....	xxx	15,912	xxx	8,419
27213--	Specialized business and professional publishing: <sup>6</sup> Receipts from subscriptions and sales.....	51,980	80,898	39,695	58,031
	Industrial, engineering, and technical: <sup>7</sup>				
2721311	Subscription sales.....	11,950	{ 29,996 3,862 }	10,149	20,608
2721312	Single copy sales.....				

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Type of publication	1958		1954	
		Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)	Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)
	Periodicals—Continued				
	Specialized business and professional publishing: <sup>6</sup> Receipts from subscriptions and sales--Continued				
2721313	Merchandising:				
2721314	Subscription sales.....	4,686	{ 5,874 817 }	3,930	3,948
	Single copy sales.....				
2721315	Professional, institutional and service: <sup>8</sup>				
2721316	Subscription sales.....	35,344	{ 37,748 2,601 }	25,616	33,475
	Single copy sales.....				
27214--	Specialized business and professional publishing: <sup>6</sup> Receipts from advertising.....	xxx	301,671	xxx	169,557
2721411	Industrial engineering, and technical <sup>7</sup> .....	xxx	189,184	xxx	102,196
2721413	Merchandising.....	xxx	65,523	xxx	28,454
2721415	Professional, institutional, and service <sup>8</sup> .....	xxx	46,964	xxx	38,907
27215--	General: <sup>9</sup> Receipts from subscriptions and sales.....	243,045	338,852	295,934	374,199
2721513	Comics:				
2721515	Subscription sales.....	63,035	21,027	119,039	35,360
	Single copy sales.....				
2721543	Women and home services: <sup>10</sup>				
2721545	Subscription sales.....	69,854	{ 31,666 41,615 }	52,019	71,958
	Single copy sales.....				
2721553	General interest and entertainment: <sup>11</sup>				
2721555	Subscription sales.....	90,883	{ 105,532 69,065 }	113,067	205,450
	Single copy sales.....				
2721563	General news:				
2721565	Subscription sales.....	17,778	{ 51,367 13,316 }	11,809	61,431
	Single copy sales.....				
2721573	Business news:				
2721515	Subscription sales.....	1,495	5,264		
	Single copy sales.....				
27216--	General: <sup>4</sup> Receipts from advertising .....	xxx	538,048	xxx	559,985
2721613	Comics.....	xxx	796	xxx	4,164
2721643	Women and home services <sup>10</sup> .....	xxx	133,177	xxx	140,294
2721653	General interest and entertainment <sup>11</sup> .....	xxx	214,805	xxx	237,337
2721663	General news.....	xxx	178,534	xxx	178,190
2721673	Business news.....	xxx	10,736	xxx	
27217--	Other: <sup>12</sup> Receipts from subscriptions and sales and advertising.....	78,064	212,654	78,362	175,953
2721711	Subscription sales.....	78,064	{ 114,586 10,298 }	78,362	89,775
2721715	Single copy sales.....				
2721721	Advertising receipts.....	xxx	87,770	xxx	86,178
2721000	Periodicals, nsk.....	( <sup>5</sup> )	39,580	15,672	18,979
		1958		1954	
		Number of copies sold (1,000)	Receipts (\$1,000)	Number of copies sold (1,000)	Receipts (\$1,000)
2731---	Books and pamphlets, publishing, or publishing and printing, total.....	xxx	1,010,713	xxx	665,419
	Books (all nonperiodical publications of forty-nine (49) or more pages exclusive of the covers, bound by any method. All hard-bound collections, irrespective of the number of pages, are to be considered books).....	903,030	xxx	770,840	xxx
27311--	Textbooks and related instruction materials.....	xxx	281,572	xxx	(NA)
	Elementary (grades 1-8):				
2731111	Hardbound.....	47,549	76,632	40,541	57,365
2731112	Paperbound.....	26,778	11,603	23,037	10,242
	High school (grades 9-12):				
2731113	Hardbound.....	23,057	58,191	15,627	31,927
2731114	Paperbound.....	2,533	2,024	2,587	2,118

See footnotes at end of table.



Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Type of publication	1958		1954	
		Number of copies sold (1,000)	Receipts (\$1,000)	Number of copies sold (1,000)	Receipts (\$1,000)
	Books and pamphlets, publishing, or publishing and printing—Continued				
	Books (all nonperiodical publication of forty-nine, etc.—Continued)				
	Textbooks and related instruction materials—Continued				
	College (grades 13 and over, including private business and secretarial schools and post high school vocational schools, institutes and training sources of college grade):				
2731115	Hardbound.....	19,554	81,377	14,538	50,241
2731116	Paperbound.....	3,095	2,767	1,286	1,484
2731117	Work books, paperbound (all grades).....	76,572	40,300	1359,373	1326,902
2731118	Standardized tests (including both tests and answer sheets objective tests, manuals, etc. (all grades), paperbound.....	14 97,049	8,678	(14)	(14)
2731211	Subscription reference books, hardbound (sold direct to the consumer through agents or distributors, usually on an installment plan of payment. Includes multi-volume encyclopedias, children's literature, biblical sets, etc., does not include direct-to-consumer sales of medical and law books, Bibles, atlases, dictionaries, etc., as separately classified below).....	1530,650	15152,794	1525,860	1589,825
27313--	Technical, scientific and professional books (except textbooks), hardbound and paperbound.....	xxx	116,021	19,217	63,635
2731311	Law books (designed for the profession).....	3,702	36,400	19,217	63,635
2731313	Medical books, including nursing and dental subjects (designed for the profession).....	2,423	21,400		
2731316	Business books (nonfiction books on business for adult readers in the profession).....	2,080	9,400		
2731319	Other technical, scientific and professional books.....	15,596	48,821		
27314--	Religious books (wholesale price basis: excluding Church and Sunday school merchandise; booklets, pamphlets and tracts of less than 49 pages; periodicals; directories, etc.):				
2731411	Bibles, complete editions, hardbound and paperbound.....	8,903	18,318	11,359	19,125
2731421	Testaments, hardbound and paperbound.....	10,181	4,746		
2731423	Hymnals and devotionals (including prayer books and missals), hardbound and paperbound.....	5,103	8,064	(NA)	163,048
	Other religious books (including books of fiction or nonfiction dealing with religious subjects for adult and juvenile reading):				
2731425	Hardbound.....	9,815	15,999	(NA)	(16)
2731427	Paperbound.....	36,776	11,516	(NA)	(16)
27315--	General books (Trade, etc.).....	xxx	274,739	(NA)	(NA)
2731511	Publishers' sales of books or sheets to book clubs.....	r65,180	r95,684	(17)	(17)
2731513	Book club books, hardbound and paperbound (distributed by Book Clubs to their members or subscribers at "retail prices". Includes both the books sold and those distributed as gift books, premiums, dividends, and/or bonus, books; excludes publishers' sales of books or sheets to Book Clubs).....				
2731531	Wholesaled paperbound books, usually of digest size (4-1/4" x 6-1/2") and distributed 75% or more through magazine wholesalers (net sales, i.e., shipments less returns).....				
	Adult trade books of fiction or nonfiction, sold primarily through booksellers (retail and wholesale) at trade discounts:				
2731541	Hardbound.....	32,298	64,669	1786,314	17133,117
2731543	Paperbound.....	5,661	5,374	18188,239	1836,049
2731561	Juvenile books (except toy books), books of fiction or nonfiction sold primarily through book dealers (retail and wholesale) at trade discounts:				
2731563	\$1.00 and over retail hardbound and paperbound.....	34,321	40,218	17220,114	1750,835
	Under \$1.00 retail, hardbound and paperbound.....	137,750	21,114		
27316--	Other books and pamphlets.....	xxx	106,778		
	Other books and pamphlets not elsewhere classified (includes dictionaries, bound volumes of music, art books, larger-than-digest size paperbound books (garden books, how-to-do-it, etc.) wholesale-priced premium book sales to food chains and similar outlets, closed subscription books (those books prepared for one buyer who usually gives them away), etc.):				
	Books:				
2731611	Hardbound.....	44,943	62,923	5,453	15,489
2731615	Paperbound.....	25,925	12,737	38,366	423,316
	Pamphlets (collections offered for sale of at least five (5) but less than forty-nine (49) paperbound pages exclusive of the covers):				
2731641	Religious.....	212,140	11,668	14267,088	1425,094
2731645	Other.....	240,120	19,450		
2731000	Other books and pamphlets, nsk.....	xxx	20,166	xxx	11,774

See footnotes at end of table.

Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2732---	Book and pamphlet printing and complete book manufacturing, total.....	422,907	304,894
27321--	Book and pamphlet printing and book binding (lithographic process).....	167,586	72,940
2732111	Books (printing only).....	33,022	21,692
2732113	Books (printed and bound).....	68,201	25,559
2732115	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), excluding advertising circulars and pamphlets.....	21,929	10,840
2732117	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers (printed and bound) excluding advertising circulars and pamphlets.....	27,359	14,849
2732100	Book and pamphlet printing (including books printed and bound) <sup>19</sup> .....	4,144	(20)
2732130	Book and pamphlet printing only <sup>19</sup> .....	1,571	(20)
2732101	Book and pamphlet printing and complete book manufacturing--Lithography <sup>19</sup> .....	11,360	(20)
27322--	Book and pamphlet printing and book binding (other processes).....	248,448	188,682
	Letterpress process:		
2732211	Books (printing only).....	<sup>21</sup> 25,029	33,009
2732213	Books (printed and bound).....	<sup>21</sup> 133,733	104,989
2732215	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), excluding advertising circulars and pamphlets.....	22,450	22,298
2732217	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printed and bound), excluding advertising circulars and pamphlets.....	25,911	22,790
2732200	Book and pamphlet printing (including books printed and bound) <sup>19</sup> .....	<sup>22</sup> 19,441	225,596
2732260	Book and pamphlet printing only <sup>19</sup> .....	<sup>22</sup> 2,916	
2732205	Book and pamphlet printing and complete book manufacturing (all processes other than lithography) <sup>19</sup> ...	18,580	
	Gravure Process:		
2732251	Books (printing only).....	388	(NA)
2732253	Books (printed and bound).....		
2732000	Book and pamphlet printing and complete book manufacturing, nsk.....	<sup>22</sup> 6,873	43,272
2741---	Miscellaneous publishing, total.....	306,443	231,140
27411--	Catalogs and directories, publishing.....	93,601	66,372
2741111	Directories.....	69,250	<sup>23</sup> 66,372
2741121	Catalogs.....	19,829	
2741141	Catalogs, directories and almanacs, etc.....	4,522	
27412--	Business service publications:		
2741211	Business services, loose-leaf and hardbound, including tax, credit, government regulation, cumulative indexes, etc.....	72,908	55,944
27413--	Other miscellaneous publishing.....	113,851	86,079
2741311	Cards, other than greeting cards (including picture postcards, souvenir cards, etc.).....	6,140	4,817
2741321	Shopping news.....	21,176	20,986
2741331	Sheet music, except book form.....	17,656	10,802
2741365	Maps, hydrographic charts, atlases, gazetteers, and globe covers.....	29,858	20,935
2741398	Other miscellaneous publications (e.g., racing forms, almanacs).....	39,021	28,539
2741010	Miscellaneous publishing (except shopping news) not further classified.....	17,937	14,626
2741000	Miscellaneous publishing, nsk.....	8,146	8,119

\*Revised. <sup>1</sup>Revised.

NA Not available.

<sup>1</sup>Includes paid, free, bulk, etc. In a special inquiry publishers reported their total average circulation per issue separately for each frequency. The term "issue" has been defined to mean the sum of all "editions" published on a given day, but in the case of establishments publishing newspapers on a combined frequency of issue basis (morning and Sunday, evening and Sunday, etc.) separate average circulation figures were secured for the morning editions, evening editions, and Sunday editions. Tables 6D and 6E present by Divisions and States the separately reported circulation figures for each frequency of issue shown here at the United States level.

<sup>2</sup>Comparable figures for 1954 can be provided only at the combined levels indicated since in 1954 publishers of combination Daily and Sunday newspapers were given the option of reporting their receipts by separate frequency of issue, whereas in 1958 all such publishers were instructed to report their receipts on a combined frequency of issue basis.

<sup>3</sup>Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages. (See text for more complete description of what constitutes a newspaper in the Census of Manufactures.)

<sup>4</sup>Includes \$2,097 thousand receipts from subscriptions and sales and \$5,799 thousand receipts from advertising, where frequency was not known and the available data did not permit separate assignment in the "Daily and Sunday" category or the "weekly and other" category.

<sup>5</sup>This figure is not comparable with the 1954 figure for total circulation because in 1958 circulation was not estimated for the receipts shown below under code 2721000. On an average subscription dollar basis it is estimated that the approximate amount of circulation represented by the dollar receipts not specified by kind of \$39,580 thousand would be between 6 and 7 million aggregate circulation. This takes into account a proportionate amount of subscription and sales receipts as opposed to advertising receipts. Apportionment among the various categories of this undistributed amount of 6 to 7 million circulation would have no significant statistical effect on any one category.

<sup>6</sup>This major category was defined for 1958 reporting to include periodicals directed to readership of those making their living primarily in the business or profession covered by the subject matter of the periodical. While no such specific instruction was given in 1954, it is believed that the reporting was reasonably consistent for the two years.

<sup>7</sup>1958 and 1954 data may not be strictly comparable. The 1954 figures include the types identified by respondents as: "Scientific and technical," as well as those classified as "Trade journals: industrial engineering and technical."

<sup>8</sup>Includes the type of periodicals identified as: "Educational," "Legal," "Medical and dental," "Military and naval," "University, college, and school," along with "Trade journals: professional, institutional and service."

<sup>9</sup>This major category was defined for 1958 reporting to include periodicals of "General or broad interest not directed to business, professions or farm audiences." While such specific instruction was not given in 1954, it is believed that the reporting was reasonably consistent for the two years.

Footnotes continued on next page.



## Footnotes for Table 6A-27A

<sup>10</sup>1958 and 1954 data are believed to be comparable even though the 1954 definition for reporting the figures was different in terminology: "Fashions," "Home and garden," and "Women service."

<sup>11</sup>Includes the types of periodicals identified as: "Art, music, and drama," "Fiction," "General interest," "Geography and travel." In 1958 it is possible that some periodicals classified by respondents as "General News" and "Women and Home Service" were classified in 1954 in the "General Interest and Establishment" category.

<sup>12</sup>Includes the types of periodicals identified by respondent as: "Religious," "Fraternal and clubs," "Labor," "Juvenile," "Magazine and comic supplements for Sunday newspapers," and "all other."

<sup>13</sup>Figures for 1958 and 1954 are not strictly comparable since the 1954 figures include sales of 4,621 thousands hardbound copies for which receipts of \$2,805 thousands were reported.

<sup>14</sup>Statistics for this item were collected separately for the first time in 1958. In 1954 "educational and other standardized tests" were included with "pamphlets." The 97,049 thousand copies sold in 1958 are excluded from the 1958 total of 903,030 thousand copies of "Books."

<sup>15</sup>Since these books are frequently sold direct to the consumers, some publishers originally reported their receipts on a retail basis. However, since the value of shipments and/or receipts reported to the Census of Manufacturers are the receipts or receivable net selling values f.o.b. plant (publishing house) after discounts and allowances and excluding freight charges and any excise taxes, deductions were made in 1958 from such retail values for the known payments for salesmen's compensation and the operating expenses for sales offices and sales branches maintained to assist in door-to-door distribution. The dollar values reported for 1954 are thus not strictly comparable with those for 1958 in that no such adjustment was made in 1954 in the case of some publishers who reported their receipts on a retail basis. As books in this category are typically sold on an installment plan basis, the values reported here (actual receipts during the year) may not agree with publishers' sales for the same reporting period. In both years the number of copies sold represent the number of volumes rather than the number of sets sold. However, the figures for 1954 and 1958 for number of "subscription reference books" may not be strictly comparable since some dictionaries and other single volume books sold direct to the consumer on a subscription basis were reported in this category in 1954; for 1958 these books were included with "All other books, not elsewhere classified" (product code 2731611).

<sup>16</sup>In 1954 "prayer books" were combined with "General religious books" and "Other religious books, paperback" were included in a number of instances with "All other books, nec."

<sup>17</sup>In 1954 "Book club books" were included in the "Trade books" category (1954 product codes 2731041-47), with all but a minor portion reported by respondents as "Adult trade books-hardbound, original, editions" (product code 2731041).

<sup>18</sup>In 1954 "Wholesaled paperback books" were included with "Adult trade books-paperbound, reprint editions (1954 product code 2731043).

<sup>19</sup>Includes a small amount of gravure process printing in 1958. The figure shown in the 1954 column represents gravure process printing exclusively (1954 product codes 2732051 and 2732053).

<sup>20</sup>In 1954, these products were included in "Book and Pamphlet printing and complete book manufacturing, nsk."

<sup>21</sup>These figures are not strictly comparable with 1954 because in 1958 the nature of the reporting form sent to the smaller establishments did not require respondents to provide a separation of their receipts as between books and pamphlets (also see footnote 2).

<sup>22</sup>Accounted for by small establishments (generally less than 10 employees) which were not asked to provide detailed breakdown of their receipts by product.

<sup>23</sup>1954 figures include almanacs which were reported in 1958 as "Other miscellaneous publications," product code 2741098.

Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments, by Divisions and States  
for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts
<u>Subscription and sales: daily and Sunday (27111):</u>		<u>Advertising: daily and Sunday (27112):</u>		<u>Subscription and sales: weekly and other (27113):</u>	
United States, total:		United States, total:		United States, total:	
1958.....	916,661	1958.....	2,208,657	1958.....	62,648
1954.....	488,846	1954.....	1,151,839	1954.....	54,862
1947.....	354,488	1947.....	633,696	1947.....	31,811
	1958 <sup>1</sup>		1958 <sup>1</sup>		1958 <sup>1</sup>
New England.....	71,075	New England.....	135,352	New England.....	3,767
Maine.....	4,810	Maine.....	6,664	Massachusetts.....	1,864
New Hampshire.....	2,147	New Hampshire.....	3,992	Connecticut.....	1,023
Vermont.....	1,431	Vermont.....	2,936	Middle Atlantic.....	14,485
Massachusetts.....	45,070	Massachusetts.....	78,239	New York.....	5,332
Rhode Island.....	5,533	Rhode Island.....	12,489	New Jersey.....	2,493
Connecticut.....	12,084	Connecticut.....	31,032	Pennsylvania.....	6,660
Middle Atlantic.....	257,800	Middle Atlantic.....	499,082	East North Central.....	12,824
New York.....	165,957	New York.....	293,366	Ohio.....	3,086
New Jersey.....	21,902	New Jersey.....	58,654	Indiana.....	1,315
Pennsylvania.....	69,941	Pennsylvania.....	147,062	Illinois.....	4,036
East North Central.....	212,143	East North Central.....	488,804	Michigan.....	2,637
Ohio.....	54,187	Ohio.....	139,566	Wisconsin.....	1,750
Indiana.....	23,825	Indiana.....	57,466	West North Central.....	8,001
Illinois.....	69,825	Illinois.....	148,172	Minnesota.....	1,928
Michigan.....	44,355	Michigan.....	96,612	Iowa.....	1,710
Wisconsin.....	19,951	Wisconsin.....	46,988	Missouri.....	2,055
West North Central.....	70,643	West North Central.....	177,390	South Atlantic.....	5,926
Minnesota.....	17,819	Minnesota.....	40,110	Maryland.....	1,194
Iowa.....	15,891	Iowa.....	28,863	East South Central.....	2,517
Missouri.....	19,707	Missouri.....	63,641	West South Central.....	3,940
North Dakota.....	1,969	North Dakota.....	4,410	Texas.....	2,271
South Dakota.....	2,044	South Dakota.....	4,568	Mountain.....	4,243
Nebraska.....	7,030	Nebraska.....	16,047	Colorado.....	2,824
Kansas.....	6,183	Kansas.....	19,751	Pacific.....	6,945
South Atlantic.....	94,083	South Atlantic.....	272,871	Washington.....	1,179
Maryland.....	11,710	Maryland.....	29,526	California.....	5,142
District of Columbia.....	11,505	District of Columbia.....	43,829	Advertising weekly and other (27114):	Value of receipts
Virginia.....	11,949	Virginia.....	31,317	United States, total:	
West Virginia.....	7,080	West Virginia.....	15,437	1958.....	235,211
North Carolina.....	12,670	North Carolina.....	28,479	1954.....	205,936
South Carolina.....	5,551	South Carolina.....	12,805	1947.....	121,797
Georgia.....	12,055	Georgia.....	32,670		1958 <sup>1</sup>
Florida.....	19,867	Florida.....	73,808	New England.....	12,832
East South Central.....	35,133	East South Central.....	81,823	Maine.....	1,335
Kentucky.....	8,684	Kentucky.....	20,819	Massachusetts.....	6,712
Tennessee.....	14,542	Tennessee.....	31,773	Connecticut.....	2,850
Alabama.....	9,416	Alabama.....	21,986	Middle Atlantic.....	39,351
Mississippi.....	2,491	Mississippi.....	7,245	New York.....	14,402
West South Central.....	50,184	West South Central.....	177,893	New Jersey.....	12,250
Arkansas.....	3,309	Arkansas.....	9,108	Pennsylvania.....	12,699
Louisiana.....	9,066	Louisiana.....	31,517	East North Central.....	51,520
Oklahoma.....	8,222	Oklahoma.....	25,202	Ohio.....	9,347
Texas.....	29,587	Texas.....	112,066	Indiana.....	4,929
Mountain.....	25,269	Mountain.....	79,204	Illinois.....	20,912
Montana.....	3,063	Montana.....	7,705	Michigan.....	11,404
Idaho.....	1,917	Idaho.....	5,590	Wisconsin.....	4,930
Colorado.....	7,727	Wyoming.....	2,651		
New Mexico.....	1,896	Colorado.....	25,438		
Arizona.....	5,296	New Mexico.....	6,926		
Utah.....	3,297	Arizona.....	16,857		
Nevada.....	1,220	Utah.....	9,708		
Pacific.....	100,331	Nevada.....	4,329		
Washington.....	15,406	Pacific.....	296,238		
Oregon.....	8,002	Washington.....	39,063		
California.....	76,923	Oregon.....	24,545		
		California.....	232,630		

See footnotes at end of table.



Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts
<u>Advertising: weekly and other (2711)--Continued</u>	1958 <sup>1</sup>	<u>Business and professional: periodical subscription and sales (27213)--Continued</u>	1958 <sup>1</sup>	<u>General: periodical subscription and sales (27215)--Continued</u>	1958 <sup>1</sup>
West North Central.....	29,730	East North Central.....	15,646	West North Central.....	14,968
Minnesota.....	6,844	Illinois.....	12,440	Missouri.....	3,339
Iowa.....	6,756	Michigan.....	1,009	South Atlantic.....	26,840
Missouri.....	7,187	West North Central.....	1,905	District of Columbia.....	26,065
North Dakota.....	1,564	Missouri.....	1,491	Pacific.....	6,567
South Dakota.....	1,437	South Atlantic.....	14,256	California.....	6,469
Nebraska.....	3,008	District of Columbia.....	12,159	<u>General: periodical advertising (27216):</u>	
Kansas.....	3,184	West South Central.....	1,318	United States, total.....	538,048
South Atlantic.....	21,865	Mountain.....	1,465	New England.....	9,827
Maryland.....	3,921	Colorado.....	1,093	Massachusetts.....	2,486
Virginia.....	2,754	Pacific.....	3,111	Middle Atlantic.....	469,323
North Carolina.....	3,941	California.....	2,996	New York.....	365,717
South Carolina.....	1,547	<u>Business and professional: periodical advertising (27214):</u>		East North Central.....	8,988
Georgia.....	2,686	United States, total.....	301,671	Ohio.....	1,003
Florida.....	5,045	New England.....	4,891	Illinois.....	7,441
East South Central.....	9,032	Massachusetts.....	2,543	West North Central.....	23,200
Kentucky.....	2,764	Connecticut.....	2,348	South Atlantic.....	19,545
Tennessee.....	2,269	Middle Atlantic.....	181,990	District of Columbia.....	18,639
Alabama.....	2,336	New York.....	164,142	Mountain.....	1,113
Mississippi.....	1,665	New Jersey.....	3,875	Pacific.....	5,768
West South Central.....	17,016	Pennsylvania.....	13,973	California.....	5,466
Arkansas.....	1,543	East North Central.....	75,717	<u>Other: periodicals subscription and advertising (27217):</u>	
Louisiana.....	2,267	Ohio.....	16,522	United States, total.....	212,654
Oklahoma.....	2,307	Illinois.....	50,477	New England.....	9,711
Texas.....	10,899	Michigan.....	5,887	Massachusetts.....	5,592
Mountain.....	10,133	West North Central.....	6,762	Connecticut.....	3,363
Montana.....	1,610	Minnesota.....	1,707	Middle Atlantic.....	110,635
Idaho.....	1,164	Iowa.....	1,009	New York.....	75,133
Colorado.....	2,946	Missouri.....	3,927	New Jersey.....	6,690
Arizona.....	1,551	South Atlantic.....	14,214	Pennsylvania.....	28,812
Pacific.....	43,682	District of Columbia.....	9,387	East North Central.....	41,809
Washington.....	5,270	Georgia.....	3,344	Ohio.....	19,543
Oregon.....	3,315	West South Central.....	4,977	Indiana.....	4,035
California.....	35,097	Mountain.....	2,815	Illinois.....	13,801
<u>Farm: periodical advertising (27212):</u>		Colorado.....	2,815	Michigan.....	2,413
United States, total.....	55,447	Pacific.....	9,469	Wisconsin.....	2,017
Middle Atlantic.....	16,320	California.....	9,258	West North Central.....	18,621
New York.....	6,184	<u>General: periodical subscription and sales (27215):</u>		Minnesota.....	5,126
East North Central.....	10,359	United States, total.....	338,852	Iowa.....	1,904
Illinois.....	4,852	New England.....	13,687	Missouri.....	10,394
Wisconsin.....	2,732	Massachusetts.....	2,625	South Atlantic.....	9,219
West North Central.....	16,713	Middle Atlantic.....	258,321	Maryland.....	1,209
Minnesota.....	3,083	New York.....	221,768	District of Columbia.....	2,463
Iowa.....	5,940	East North Central.....	17,810	North Carolina.....	1,074
Missouri.....	2,379	Ohio.....	2,701	Florida.....	2,515
Nebraska.....	1,195	Illinois.....	11,716	East South Central.....	4,411
East South Central.....	7,311	Wisconsin.....	1,297	Tennessee.....	3,168
Pacific.....	1,896			West South Central.....	5,770
Washington.....	1,063			Texas.....	4,384
<u>Business and professional: periodical subscription and sales (27213):</u>					
United States, total.....	80,898				
New England.....	1,845				
Massachusetts.....	1,243				
Middle Atlantic.....	41,131				
New York.....	35,105				
New Jersey.....	3,004				
Pennsylvania.....	3,022				

See footnotes at end of table.

Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts
<u>Other: periodicals subscription and sales and advertising (27217)</u> Continued	1958 <sup>1</sup>	<u>Religious books (27314):</u> United States, total.....	1958 <sup>1</sup>	<u>Book printing and binding (lithographic process) (27321):</u> United States, total:	
Mountain.....	1,858	New England.....	58,643	1958.....	167,586
Colorado.....	1,195	Middle Atlantic.....	1,304	1954.....	72,940
Pacific.....	10,620	New York.....	23,748		1958 <sup>1</sup>
California.....	9,446	New Jersey.....	13,402	New England.....	18,184
<u>Text books (27311):</u> United States, total.....	281,572	Pennsylvania.....	5,565	Massachusetts.....	11,149
New England.....	60,200	East North Central.....	4,781	Connecticut.....	2,926
Massachusetts.....	60,018	Ohio.....	15,697	Middle Atlantic.....	51,258
Middle Atlantic.....	139,467	Illinois.....	6,273	New York.....	38,282
New York.....	102,244	Michigan.....	2,918	New Jersey.....	4,455
New Jersey.....	29,589	West North Central.....	2,975	Pennsylvania.....	8,521
Pennsylvania.....	7,634	Minnesota.....	4,501	East North Central.....	56,477
East North Central.....	57,295	Missouri.....	1,195	Ohio.....	6,430
Ohio.....	11,364	South Atlantic.....	3,270	Indiana.....	8,296
Illinois.....	41,302	East South Central.....	1,639	Illinois.....	24,709
Wisconsin.....	2,899	Tennessee.....	10,454	Michigan.....	7,827
West North Central.....	10,696	<u>General books (trade, etc.) (27315):</u> United States, total.....	10,452	Wisconsin.....	9,215
Iowa.....	1,126	New England.....	274,739	West North Central.....	12,863
Missouri.....	6,028	Massachusetts.....	10,626	Minnesota.....	2,455
South Atlantic.....	4,720	Middle Atlantic.....	5,407	Missouri.....	8,890
West South Central.....	3,769	New York.....	234,605	South Atlantic.....	11,292
Texas.....	2,232	New Jersey.....	226,034	Maryland.....	3,464
Pacific.....	5,048	Pennsylvania.....	5,450	District of Columbia.....	1,859
California.....	4,977	East North Central.....	3,121	North Carolina.....	1,474
<u>Subscription reference books (27312):</u> United States, total.....	152,794	Ohio.....	28,415	Georgia.....	3,316
Middle Atlantic.....	45,614	Illinois.....	3,490	East South Central.....	3,259
New York.....	44,172	<u>Other books and pamphlets (27316):</u> United States, total.....	6,065	Tennessee.....	1,862
East North Central.....	105,529	New England.....	106,778	West South Central.....	3,316
Illinois.....	104,918	Massachusetts.....	8,304	Texas.....	1,654
<u>Technical, scientific, and professional books (27313):</u> United States, total.....	116,021	Connecticut.....	6,234	Mountain.....	1,019
New England.....	1,165	Middle Atlantic.....	1,718	Pacific.....	9,918
Middle Atlantic.....	57,091	New York.....	48,486	California.....	8,763
New York.....	35,179	New Jersey.....	44,321	<u>Book printing and binding (other processes) (27322):</u> United States, total:	
New Jersey.....	5,617	Pennsylvania.....	2,485	1958.....	248,448
Pennsylvania.....	16,295	East North Central.....	1,680	1954.....	188,682
East North Central.....	14,045	Ohio.....	24,138		1958 <sup>1</sup>
Ohio.....	1,038	Illinois.....	6,948	New England.....	34,280
Illinois.....	8,883	West North Central.....	13,707	Vermont.....	5,909
West North Central.....	12,877	Minnesota.....	4,111	Massachusetts.....	24,206
South Atlantic.....	7,276	Missouri.....	2,989	Connecticut.....	3,115
Maryland.....	1,376	South Atlantic.....	1,806	Middle Atlantic.....	75,616
Mountain.....	4,434	District of Columbia.....	1,373	New York.....	47,535
Pacific.....	10,676	East South Central.....	2,543	New Jersey.....	9,425
California.....	10,259	Tennessee.....	1,899	Pennsylvania.....	18,656
		West South Central.....	7,338	East North Central.....	66,683
		Pacific.....	2,848	Ohio.....	13,875
		California.....	2,302	Indiana.....	15,196
				Illinois.....	23,717
				Michigan.....	3,002
				Wisconsin.....	10,893
				West North Central.....	10,693
				Minnesota.....	3,437
				Iowa.....	1,567
				Missouri.....	4,533

See footnotes at end of table.



Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts	Product class, region, and State	Value of receipts
<u>Book printing and binding</u> (other processes) (27412)-- Continued	1958 <sup>1</sup>	<u>Catalogs and directories</u> (publishing) (27411)-- Continued	1958 <sup>1</sup>	<u>Other miscellaneous</u> <u>publishing (27413):</u> United States, total:	
South Atlantic.....	22,398	East North Central.....	45,975	1958.....	113,851
Maryland.....	5,554	Ohio.....	1,730	1954.....	86,079
District of Columbia.....	4,365	Illinois.....	41,131	1947.....	64,767
Virginia.....	6,638	Michigan.....	1,554		1958 <sup>1</sup>
Georgia.....	2,564	West North Central.....	2,472	New England.....	6,047
Florida.....	1,412	South Atlantic.....	5,022	Massachusetts.....	4,424
East South Central.....	23,131	West South Central.....	1,324	Connecticut.....	1,086
Tennessee.....	21,466	Texas.....	1,177	Middle Atlantic.....	33,952
West South Central.....	5,816	Pacific.....	11,320	New York.....	24,463
Texas.....	3,649	California.....	11,279	New Jersey.....	5,634
Mountain.....	2,478			Pennsylvania.....	3,855
Pacific.....	7,353		Value of receipts	East North Central.....	35,900
California.....	6,088	<u>Business service publica-</u> <u>tions (27412):</u> United States, total:		Ohio.....	2,444
	Value of receipts	1958.....	72,908	Indiana.....	2,594
		1954.....	55,944	Illinois.....	25,850
<u>Catalogs and directories</u> (publishing) (27411):		1947.....	27,048	Michigan.....	4,197
United States, total:			1958 <sup>1</sup>	West North Central.....	10,020
1958.....	93,601	New England.....	2,020	Minnesota.....	2,215
1954.....	66,372	Massachusetts.....	2,008	Missouri.....	5,270
1947.....	31,659	Middle Atlantic.....	44,307	Kansas.....	1,921
	1958 <sup>1</sup>	New York.....	34,034	South Atlantic.....	3,348
New England.....	2,650	East North Central.....	17,550	Florida.....	1,122
Massachusetts.....	1,256	Illinois.....	14,899	West South Central.....	1,839
Middle Atlantic.....	24,178	South Atlantic.....	5,463	Texas.....	1,054
New York.....	19,805			Pacific.....	21,750
				California.....	21,084

NA Not available.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27111, Delaware, South Carolina, and Nevada; 27112, Delaware and South Carolina; 27113, Washington; 27212, Pennsylvania, Ohio, Kansas, Tennessee, and Alabama; 27214, Oklahoma and Indiana; 27215, Connecticut, Pennsylvania, Michigan, Iowa, and Kansas; 27216, Connecticut, Pennsylvania, Iowa, and Kansas; 27311, Michigan, Kansas, District of Columbia, Georgia, and Oklahoma; 27312, New Jersey; 27313, Indiana, Minnesota, Missouri, North Carolina, Alabama, and Colorado; 27314, Indiana and the District of Columbia; 27315, Connecticut, Indiana, and Wisconsin; 27316, Wisconsin, Iowa, and Texas; 27321, Vermont and Rhode Island; 27411, Connecticut, New Jersey, Pennsylvania, Wisconsin, Virginia, Georgia, and Florida; 27412, New Jersey, Ohio, Indiana, District of Columbia, and Colorado.

Table 6C.—Newspaper Publishing and Periodical Publishing: Receipts by Kind, United States Totals, 1958 and Earlier Census Years

(In thousands of dollars)

Census year	Newspaper receipts			Periodical receipts		
	Total <sup>1</sup>	Subscriptions and sales	Advertising	Total <sup>1</sup>	Subscriptions and sales	Advertising
1958.....	<sup>2</sup> 3,458,342	979,309	2,443,868	<sup>3</sup> 1,578,448	555,932	982,936
1957 <sup>6</sup> .....	3,477,318	940,955	2,509,748	1,606,834	546,809	1,069,626
1956 <sup>6</sup> .....	3,396,430	893,441	2,476,361	1,572,104	528,072	1,007,666
1955 <sup>6</sup> .....	3,210,236	862,943	2,320,429	1,480,327	553,078	908,262
1954.....	<sup>4</sup> 2,913,167	837,008	2,049,538	<sup>5</sup> 1,413,052	530,580	863,493
1953 <sup>6</sup> .....	2,832,603	830,986	2,001,617	1,443,801	551,291	892,510
1952 <sup>6</sup> .....	2,672,379	792,926	1,879,453	1,350,172	537,321	812,851
1951 <sup>6</sup> .....	2,499,875	752,779	1,747,096	1,264,271	516,756	747,515
1950 <sup>6</sup> .....	2,375,109	733,616	1,641,493	1,118,546	470,129	648,417
1949 <sup>6</sup> .....	2,232,322	729,812	1,502,510	1,144,512	476,733	667,779
1947.....	1,792,338	599,925	1,192,413	1,019,473	407,016	612,457
1939.....	845,687	306,192	539,495	409,027	184,572	224,455
1937.....	861,689	287,509	574,180	407,835	171,961	235,874
1935.....	760,247	260,224	500,023	329,564	143,466	186,098
1933.....	667,820	239,147	428,673	269,294	128,292	141,002
1931.....	886,523	261,569	624,954	407,254	163,698	243,556
1929.....	1,073,119	275,781	797,338	507,445	184,545	322,900
1927.....	977,648	252,811	724,837	482,040	176,656	305,384
1925.....	892,094	230,581	661,513	429,516	167,757	261,759
1923.....	803,497	222,559	580,938	351,289	138,333	212,956
1921.....	734,321	212,636	521,685	270,949	115,648	155,301
1919.....	566,321	192,819	373,502	239,984	85,187	154,797
1914.....	283,589	99,542	184,047	135,621	64,035	71,586

<sup>1</sup>Varies from total receipts for the industry shown in tables 1, 2, 3, and 5 by the amount of secondary products, miscellaneous receipts, etc.<sup>2</sup>Includes \$83,749 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."<sup>3</sup>Includes \$39,580 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."<sup>4</sup>Includes \$26,623 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."<sup>5</sup>Includes \$18,979 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."<sup>6</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates consequently may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for these periods.



Table 6D.—Newspapers—Daily and Sunday, Number and Aggregate Circulation Per Issue, by Separate Frequency of Editions Published, by Divisions: 1958

(Circulation figures in thousands)

Item	United States, total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Morning editions <sup>1</sup> , total:										
Number.....	357	26	73	42	31	61	21	40	26	37
Circulation.....	23,916	1,415	6,945	3,957	1,903	3,440	1,046	2,002	735	2,470
Morning only (no Sunday edition):										
Number.....	90	10	35	11	8	7	2	2	3	12
Circulation.....	1,908	196	1,096	305	42	35	21	57	13	145
Morning and Sunday:										
Number.....	87	3	23	10	3	14	3	8	12	11
Circulation.....	12,021	130	5,480	2,449	360	1,370	34	583	488	1,127
Morning and evening:										
Number.....	17	3	8	...	...	4	2	...	...	...
Circulation.....	233	53	118	...	...	59	3	...	...	...
Morning, evening, and Sunday:										
Number.....	163	10	7	21	20	36	14	30	11	14
Circulation.....	9,754	1,038	251	1,205	1,502	1,976	988	1,362	234	1,198
Evening editions <sup>1</sup> , total:										
Number.....	1,421	95	183	319	195	153	73	168	87	148
Circulation.....	34,797	2,530	7,393	8,649	3,364	3,616	1,584	2,673	1,053	3,935
Evenings only (no Sunday edition):										
Number.....	939	76	152	251	147	75	30	49	45	114
Circulation.....	13,225	1,203	3,738	3,787	1,003	899	241	320	354	1,680
Evenings and Sunday:										
Number.....	302	6	16	47	28	38	27	89	31	21
Circulation.....	12,314	249	3,117	3,535	967	1,166	346	1,287	507	1,140
Evenings and mornings:										
Number.....	17	3	8	...	...	4	2	...	...	...
Circulation.....	386	62	199	...	...	110	15	...	...	...
Evenings, mornings, and Sunday:										
Number.....	163	10	7	21	20	36	14	30	11	14
Circulation.....	8,872	1,016	339	1,327	1,394	1,441	982	1,066	192	1,115
Sunday editions <sup>1</sup> , total:										
Number.....	552	19	46	78	51	88	44	127	54	45
Circulation.....	48,238	2,265	13,894	9,432	4,247	5,740	2,003	3,970	1,609	5,078
Morning and Sunday:										
Number.....	87	3	23	10	3	14	3	8	12	11
Circulation.....	17,505	182	9,325	3,191	389	1,555	55	606	640	1,562
Evening and Sunday:										
Number.....	302	6	16	47	28	38	27	89	31	21
Circulation.....	14,175	244	4,004	4,035	1,157	1,263	343	1,280	613	1,236
Morning and evening and Sunday:										
Number.....	163	10	7	21	20	36	14	30	11	14
Circulation.....	16,601	1,845	565	2,206	2,703	2,957	1,605	2,084	356	2,280

<sup>F</sup>Revised.<sup>1</sup>Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages. (See text for more complete description of what constitutes a newspaper in the Census of Manufactures.)

Table 6E.—Newspapers—Daily, Sunday, and Weekly, Number and Aggregate Circulation Per Issue, by Divisions and States: 1958 and 1954

(Circulation figures in thousands)

Regions and States	Morning <sup>1</sup>				Evening <sup>1</sup>				Sunday <sup>1</sup>				Weekly			
	Number		Aggregate circulation per issue		Number		Aggregate circulation per issue		Number		Aggregate circulation per issue		Number		Aggregate circulation per issue	
	1958	1954	1958	1954	1958	1954	1958	1954	1958	1954	1958	1954	1958	1954	1958	1954
United States, total..	357	385	23,916	22,475	1,421	1,435	34,797	33,934	552	510	48,262	46,349	6,315	6,249	29,828	30,336
New England.....	26	28	1,418	1,619	95	91	2,530	2,475	19	21	2,265	2,539	282	265	1,617	1,329
Maine.....	5	5	189	182	4	5	54	64	1	2	(D)	(D)	41	35	203	97
New Hampshire.....	1	1	(D)	(D)	9	8	97	84	1	1	(D)	(D)	27	34	86	86
Vermont.....	2	2	(D)	(D)	9	8	47	44	1	1	(D)	(D)	20	14	46	23
Massachusetts.....	10	12	886	1,129	48	45	1,540	1,488	9	9	1,528	1,687	134	129	958	780
Rhode Island.....	1	1	(D)	(D)	6	6	235	238	2	2	(D)	(D)	14	8	69	78
Connecticut.....	7	7	210	188	19	19	557	556	35	36	3,398	3,442	46	45	255	265
Middle Atlantic.....	73	68	6,945	6,612	183	207	7,393	7,539	46	53	13,894	14,210	845	815	6,035	5,306
New York.....	39	35	5,140	4,793	71	82	3,623	3,815	30	27	9,795	10,045	403	376	2,479	1,707
New Jersey.....	6	5	402	353	19	20	998	913	6	9	887	760	166	179	1,036	905
Pennsylvania.....	28	28	1,403	1,466	93	105	2,772	2,812	10	17	3,212	3,405	276	260	2,520	2,693
East North Central.....	42	45	3,957	3,442	319	339	8,649	8,857	78	75	9,432	9,180	1,374	1,321	6,151	10,145
Ohio.....	11	12	826	791	87	91	2,541	2,628	20	18	2,113	2,022	266	274	1,480	1,574
Indiana.....	9	13	437	387	69	69	1,166	1,130	19	19	1,064	990	245	197	673	460
Illinois.....	14	12	1,885	1,524	75	84	2,212	2,414	20	20	3,251	3,235	404	380	1,755	5,828
Michigan.....	3	2	542	(D)	53	56	1,860	1,860	13	12	2,102	2,080	266	244	1,457	1,581
Wisconsin.....	5	6	267	(D)	35	39	870	825	6	6	902	852	193	226	786	704
West North Central.....	31	34	1,903	1,828	195	198	3,364	3,395	51	51	4,247	4,047	1,291	1,317	4,131	4,304
Minnesota.....	5	5	375	375	25	27	654	681	5	6	915	886	278	281	801	1,130
Iowa.....	5	5	313	308	38	42	617	644	9	8	848	786	263	272	768	642
Missouri.....	10	11	792	742	47	45	1,022	1,023	12	13	1,442	1,383	245	242	1,400	1,216
North Dakota.....	2	3	(D)	(D)	10	9	121	93	2	2	(D)	(D)	65	71	139	120
South Dakota.....	1	1	(D)	(D)	10	11	157	152	4	6	112	109	91	92	221	120
Nebraska.....	3	5	167	177	17	16	294	282	5	5	346	343	156	144	390	314
Kansas.....	5	4	219	165	48	48	499	519	14	11	498	454	193	215	412	762
South Atlantic.....	61	66	3,440	3,169	153	147	3,616	3,202	88	79	5,764	5,004	603	618	2,241	2,438
Delaware.....	1	1	(D)	(D)	2	2	(D)	(D)	...	...	...	...	13	14	35	67
Maryland.....	4	6	226	(D)	8	8	542	517	3	3	681	664	68	53	337	418
District of Columbia....	1	1	(D)	(D)	2	2	(D)	(D)	2	2	(D)	(D)	10	9	211	519
Virginia.....	9	11	386	388	22	22	485	397	12	12	587	557	78	93	310	333
West Virginia.....	9	9	244	255	20	21	265	265	8	9	381	408	60	64	142	143
North Carolina.....	10	9	545	480	36	35	531	465	14	14	730	626	100	105	328	274
South Carolina.....	8	8	329	301	9	10	145	134	7	7	336	309	53	58	166	115
Georgia.....	6	8	389	377	25	20	513	458	11	10	841	776	117	114	408	222
Florida.....	13	13	905	704	29	27	625	495	31	22	1,474	991	104	108	304	347
East South Central.....	21	23	1,046	1,000	73	64	1,584	1,458	44	35	2,003	1,942	349	350	1,183	865
Kentucky.....	8	8	305	275	21	19	394	347	12	9	515	463	113	106	384	250
Tennessee.....	7	8	475	481	22	17	545	533	10	9	762	841	83	88	340	302
Alabama.....	3	3	198	176	15	13	452	401	14	11	555	491	75	86	211	191
Mississippi.....	3	4	68	68	15	15	193	177	8	6	171	147	78	70	248	122
West South Central.....	40	49	2,002	1,905	168	159	2,673	2,333	127	113	3,970	3,521	660	637	3,666	1,499
Arkansas.....	6	5	146	137	27	24	230	196	10	8	307	276	80	86	188	178
Louisiana.....	4	6	341	313	14	14	373	380	8	9	579	603	73	65	308	229
Oklahoma.....	8	9	308	301	41	41	459	397	36	33	643	622	123	122	278	230
Texas.....	22	29	1,207	1,154	86	80	1,611	1,361	73	63	2,441	2,020	384	364	2,892	863
Mountain.....	26	28	735	618	87	82	1,053	949	54	42	1,609	1,332	336	319	1,876	993
Montana.....	4	5	93	92	14	15	74	78	10	10	164	128	61	52	155	100
Idaho.....	4	3	76	47	11	9	91	70	5	4	109	81	44	40	92	57
Wyoming.....	5	5	33	26	4	4	35	34	4	2	38	(D)	24	26	63	42
Colorado.....	5	5	203	169	22	22	394	375	9	8	615	600	101	100	1,159	628
New Mexico.....	1	1	(D)	(D)	17	13	124	93	14	8	149	84	22	21	78	30
Arizona.....	4	5	159	126	9	9	143	121	5	4	238	163	41	41	221	76
Utah.....	1	2	(D)	(D)	4	5	139	138	4	4	232	214	30	25	75	37
Nevada.....	2	2	(D)	(D)	6	5	53	42	3	2	64	(D)	13	14	33	24
Pacific.....	37	44	2,470	2,282	148	148	3,935	3,726	45	41	5,078	4,574	575	607	2,928	3,457
Washington.....	6	6	331	315	22	21	619	586	10	10	823	818	134	138	606	804
Oregon.....	4	4	265	262	17	19	353	357	8	6	602	587	74	80	292	315
California.....	27	34	1,874	1,705	109	108	2,963	2,782	27	25	3,653	3,169	367	389	2,030	2,338

<sup>1</sup>Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages; also all newspapers published singly or in combination with other editions. (See text for more complete description of what constitutes a newspaper in the Census of Manufactures.)



Table 6F.—Periodicals, Number of Publications and Aggregate Circulation  
by Types and Frequency of Issue: 1958

Code	Type of periodical	1958										
		Total number of pub- lica- tions	Total aggregate circula- tion per issue for all peri- odicals (1,000's)	Number of publications and aggregate circulation by frequency of issue								Number not specified as to circula- tion and frequency of issue
				Weekly		Monthly		Quarterly		Other		
				Number of peri- odi- cals	Aggregate circula- tion per issue for all peri- odicals (1,000's)	Number of peri- odi- cals	Aggregate circula- tion per issue for all peri- odicals (1,000's)	Number of peri- odi- cals	Aggregate circula- tion per issue for all peri- odicals (1,000's)	Number of peri- odi- cals	Aggregate circula- tion per issue for all peri- odicals (1,000's)	
	Periodicals, total.....	4,455	1391,936	478	105,147	1,445	185,003	364	25,848	768	75,938	1,400
391	Farm:											
	General.....	76	14,872	8	441	44	11,665	...	...	24	2,766	...
	Not specified as to circula- tion and frequency of issue..	11	(NA)	...	...	...	...	...	...	...	...	11
392	Specialized.....	94	3,978	19	312	63	2,202	3	235	9	1,229	...
	Not specified as to circula- tion and frequency of issue..	25	(NA)	...	...	...	...	...	...	...	...	25
393	Specialized business and profes- sional publications:											
	Industrial, engineering and technical.....	638	11,950	60	1,593	428	8,145	19	460	131	1,752	...
	Not specified as to circula- tion and frequency of issue..	57	(NA)	...	...	...	...	...	...	...	...	57
394	Merchandising.....	301	4,685	28	337	175	3,063	3	225	95	1,060	...
	Not specified as to circula- tion and frequency of issue..	85	(NA)	...	...	...	...	...	...	...	...	85
395	Professional, institutional and service.....	420	35,344	79	29,092	237	5,167	24	95	80	990	...
	Not specified as to circula- tion and frequency of issue..	137	...	...	...	...	...	...	...	...	...	137
396	General:											
	Comics.....	241	63,035	...	...	48	12,046	46	14,768	147	36,221	...
	Not specified as to circula- tion and frequency of issue..	1	(NA)	...	...	...	...	...	...	...	...	1
397	Women and home services.....	59	69,853	( <sup>2</sup> )	( <sup>2</sup> )	40	65,460	<sup>2</sup> 10	<sup>2</sup> 2,567	9	1,826	...
	Not specified as to circula- tion and frequency of issue..	13	(NA)	...	...	...	...	...	...	...	...	13
398	General interest and entertain- ment.....	376	90,883	52	11,397	172	55,578	15	1,617	137	22,291	...
	Not specified as to circula- tion and frequency of issue..	70	(NA)	...	...	...	...	...	...	...	...	70
399	General news.....	62	17,777	44	12,411	9	4,509	...	...	9	857	...
	Not specified as to circula- tion and frequency of issue..	8	(NA)	...	...	...	...	...	...	...	...	8
400	Business news.....	27	1,495	<sup>3</sup> 12	<sup>3</sup> 139	8	1,072	( <sup>3</sup> )	( <sup>3</sup> )	7	284	...
	Not specified as to circula- tion and frequency of issue..	4	(NA)	...	...	...	...	...	...	...	...	4
401	Other:											
	Other periodicals.....	761	78,064	176	49,422	221	16,096	244	5,884	120	6,662	...
	Not specified as to circula- tion and frequency of issue..	133	(NA)	...	...	...	...	...	...	...	...	133
000	Periodicals not specified as to type, circulation, or frequency of issue.....	856	(NA)	...	...	...	...	...	...	...	...	856

NA Not available.

<sup>1</sup>This figure does not include any circulation for the number of publications not specified as to circulation, frequency of issue or type.<sup>2</sup>A combination was made between weekly and quarterly for this type of publication to avoid disclosing figures for individual companies. In this case the amount for weekly was insignificant.<sup>3</sup>A combination was made between weekly and quarterly for this type of publication to avoid disclosing figures for individual companies. In this case the amount for quarterly was insignificant.

## MANUFACTURES-INDUSTRY STATISTICS

Table 7A.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	1958		1954	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
INDUSTRY 2711—NEWSPAPERS					
	Materials and supplies, total.....	xxx	1,003,097	xxx	861,850
261211	Newsprint.....	5,830,483	798,379	5,262,177	682,861
260021	All other paper and board.....	98,300	27,534	76,782	36,836
970099	All other materials, containers, and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....	xxx	177,184	xxx	142,153

		1958						1954 total	
		Publishing only		Publishing and printing		Total		Quantity (short tons)	Delivered cost (\$1,000)
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)		
INDUSTRY 2721—PERIODICALS									
	Materials and supplies, total.....	xxx	235,476	xxx	290,490	xxx	325,966	xxx	322,515
261211	Newsprint.....	109,805	13,195	142,321	20,878	252,126	34,073	221,992	29,581
264151	Coated paper, all types.....	937,133	157,788	98,503	22,652	1,035,636	180,440	703,236	172,232
261216	Uncoated papers.....	62,624	11,251	96,209	21,473	158,833	32,724	186,643	37,793
261218	Bristols, cover, text and other specialty papers, uncoated.....	45,412	8,209	1,642	422	47,054	8,531	(NA)	(NA)
260021	All other paper and board <sup>1</sup> .....	30,851	5,590	16,789	4,134	47,640	9,824	6,797	1,648
970099	All other materials, containers, and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....	xxx	39,443	xxx	20,931	xxx	60,374	xxx	81,261
INDUSTRY 2731—BOOKS, PUBLISHING AND PRINTING									
	Materials and supplies, total.....	xxx	105,444	xxx	47,863	xxx	153,307	xxx	98,870
261211	Newsprint.....	19,778	2,726	22,502	3,095	42,280	5,821	5,049	730
264151	Coated paper, all types.....	50,696	15,084	23,405	5,829	74,101	20,913	60,214	16,377
261216	Uncoated papers.....	200,971	50,460	58,186	15,027	259,157	65,487	205,204	53,029
261218	Bristols, cover, text and other specialty papers, uncoated.....	16,940	4,408	8,084	2,615	25,024	7,023	(NA)	(NA)
260021	All other paper and board <sup>2</sup> .....	7,596	2,436	8,658	2,921	16,254	5,357	6,921	1,964
970099	All other materials, containers, and supplies consumed including ink, metals, type, paper used for wrapping printed products, etc.....	xxx	30,330	xxx	18,376	xxx	48,706	xxx	26,770

Code	Material	1958	1954	
		Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
INDUSTRY 2732—BOOK PRINTING				
	Materials, containers, and supplies, total.....	102,170	xxx	62,557
261211	Newsprint.....	5,106	6,496	925
260021	All other paper and board.....	51,380	(NA)	44,294
770099	Materials not specified <sup>3</sup> .....	40,033	(NA)	(NA)
970099	All other materials, containers, and supplies consumed, including ink, metals, type, paper used for wrapping printed products, etc.....	5,651	xxx	17,338

Code	Material	1958		1954	
		Quantity (short tons)	Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost (\$1,000)
INDUSTRY 2741—MISCELLANEOUS PUBLISHING					
	Materials, containers, and supplies, total.....	xxx	39,396	xxx	32,422
261211	Newsprint.....	37,707	5,326	42,879	5,969
264151	Coated paper, all types.....	(NA)	2,787	6,013	1,877
261216	Uncoated papers (groundwood, book, bond, writing, ledger and manifold).....	19,737	6,060	37,584	10,367
261218	Bristols, cover, text and other specialty paper, uncoated.....	1,917	1,196	xxx	xxx
260021	All other paper and board.....	xxx	1,294	2,721	950
970099	All other materials, containers, and supplies consumed, including ink, metals, type, paper used for wrapping printed products, etc.....	xxx	22,733	xxx	13,259

See footnotes on following page.



Footnotes for Table 7A--27A

NA Not available. <sup>2</sup>Revised.<sup>1</sup>The quantity and cost totals include the following tons and dollars for paper and board used for printing products other than publications:

	Quantity (short tons)	Cost (\$1,000)
Periodicals - Publishing only.....	4,777	\$2,707
Periodicals - Publishing and printing.....	2,460	1,794

<sup>2</sup>The quantity and cost totals include the following tons and dollars for paper and board used for printing products other than publications:

	Quantity (short tons)	Cost (\$1,000)
Books - Publishing only.....	1,200	\$ 478
Books - Publishing and printing.....	3,453	1,224

<sup>3</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

Table 7B.—Newsprint Consumed in Newspaper Publishing (Industry 2711), by Divisions and States: 1958 and 1954, and Newsprint Inventories Held by Daily and Sunday Newspaper Publishers, December 31, 1958

Region and State	Quantities (in tons of 2,000 pounds)				Region and State	Quantities (in tons of 2,000 pounds)			
	Newsprint consumed by newspaper publishers <sup>1</sup>		Newsprint inventories held by daily and Sunday newspaper publishers Dec. 31, 1958 <sup>2</sup>	Newsprint consumed by daily and Sunday newspaper publishers 1958		Newsprint consumed by newspaper publishers <sup>1</sup>		Newsprint inventories held by daily and Sunday newspaper publishers Dec. 31, 1958 <sup>2</sup>	Newsprint consumed by daily and Sunday newspaper publishers 1958
	1958	1954				1958	1954		
United States, total.....	5,830,483	5,348,327	770,243	5,658,324	South Atlantic.....	638,874	605,076	76,561	624,215
New England.....	346,729	330,238	34,637	331,873	Delaware.....	9,094	9,459	783	(D)
Maine.....	15,108	15,300	1,128	14,241	Maryland.....	90,428	90,890	7,766	86,956
New Hampshire.....	10,794	6,631	720	5,182	District of Columbia..	120,398	120,025	13,759	119,471
Vermont.....	4,027	3,488	571	3,800	Virginia.....	71,548	66,812	9,545	69,953
Massachusetts.....	220,083	214,394	12,951	215,991	West Virginia.....	34,019	32,125	5,106	(D)
Rhode Island.....	28,234	28,816	3,416	27,893	North Carolina.....	72,214	66,531	8,525	70,138
Connecticut.....	68,483	61,609	15,851	64,766	South Carolina.....	30,328	29,956	5,468	29,396
Middle Atlantic.....	1,493,577	1,331,840	198,982	1,464,200	Georgia.....	85,098	75,828	7,042	84,018
New York.....	917,601	745,710	117,437	908,857	Florida.....	125,747	113,449	18,567	124,313
New Jersey.....	134,000	128,180	13,992	128,788	East South Central...	205,750	200,151	23,123	201,325
Pennsylvania.....	441,976	457,950	67,553	426,555	Kentucky.....	51,550	49,879	7,769	50,197
East North Central...	1,335,650	1,303,534	188,343	1,305,252	Tennessee.....	84,086	82,422	7,023	83,258
Ohio.....	408,325	367,480	57,856	402,667	Alabama.....	56,971	54,504	7,219	55,508
Indiana.....	115,912	124,734	13,814	113,042	Mississippi.....	13,143	13,346	1,112	12,362
Illinois.....	437,278	422,014	47,623	422,300	West South Central...	411,404	392,842	64,738	402,909
Michigan.....	238,730	258,317	54,723	234,970	Arkansas.....	20,824	20,683	3,072	20,330
Wisconsin.....	135,405	130,989	14,327	132,273	Louisiana.....	73,516	71,677	5,157	71,963
West North Central...	476,592	405,748	62,027	456,745	Oklahoma.....	54,450	83,124	5,336	53,862
Minnesota.....	114,921	109,483	16,554	104,449	Texas.....	262,614	217,358	51,173	256,754
Iowa.....	64,998	75,232	9,294	62,228	Mountain.....	160,708	138,610	20,869	154,644
Missouri.....	205,722	115,088	24,473	202,248	Montana.....	11,563	8,470	1,332	11,122
North Dakota.....	7,616	7,156	1,145	7,161	Idaho.....	7,520	5,498	955	7,295
South Dakota.....	7,417	8,367	996	6,984	Wyoming.....	2,334	3,342	421	2,175
Nebraska.....	38,672	41,686	4,763	37,307	Colorado.....	69,066	66,360	8,022	64,536
Kansas.....	37,246	48,736	4,802	36,368	New Mexico.....	9,011	7,862	1,087	8,844
					Arizona.....	31,503	21,787	4,821	31,232
					Utah.....	24,707	21,419	3,671	24,476
					Nevada.....	5,004	3,872	560	4,964
					Pacific.....	761,199	640,287	100,963	717,161
					Washington.....	87,152	90,318	15,919	84,998
					Oregon.....	60,358	61,046	5,354	59,110
					California.....	613,689	488,923	79,690	573,053

D Withheld to avoid disclosing the figures of individual companies.

<sup>1</sup>Purchased and consumed by newspaper publishers, purchased by newspaper publishers and consumed by printers in printing publications. The classification "Newspaper Publisher" does not include publishers of supplements prepared for issuance and sale by publishers of Sunday newspapers. Publishers of such supplements and their newsprint consumption are reported in Industry 2721, Periodicals (see text for more complete explanation). Paper purchased by printers for publication purposes is also included in 1954 but the amount (86,150 tons) has only slight effect on comparability with 1958.<sup>2</sup>Publishers' stocks of newsprint (in tons) on hand in city of publication and in transit (that is, tonnage already billed by the mill to the publishers) as of Dec. 31, 1958. (Excludes weeklies).

## MANUFACTURES-INDUSTRY STATISTICS

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2711	NEWSPAPERS: (entire industry).....	8,250	294,258	1,493,136	154,014	276,910	775,857	2,516,921	1,109,114	3,628,021	139,871
	Establishments with:										
	90% or more specialization.....	4,306	247,963	1,302,362	125,046	224,240	660,564	2,208,396	985,913	3,196,719	117,242
	75-89% specialization.....	1,617	22,960	98,302	13,255	24,454	54,592	160,474	68,983	229,405	12,209
2721	PERIODICALS: PUBLISHING, AND PUBLISHING AND PRINTING (entire industry).....	2,323	66,028	380,636	11,708	21,209	56,766	932,554	744,692	1,676,743	35,033
	Establishments with:										
	90% or more specialization.....	2,060	49,922	301,783	6,884	12,110	33,820	738,149	618,757	1,355,624	25,910
	75-89% specialization.....	109	7,579	39,189	2,246	4,369	11,336	89,461	74,289	165,376	6,869
2731	BOOKS: PUBLISHING, AND PUBLISHING AND PRINTING (entire industry).....	903	40,069	193,854	11,023	21,088	44,463	616,241	413,314	1,033,144	13,090
	Establishments with:										
	90% or more specialization.....	768	25,594	123,945	3,713	7,034	13,177	471,641	324,189	796,343	8,506
	75-89% specialization.....	52	5,067	26,295	2,964	6,154	12,771	53,619	27,410	82,986	891
2732	BOOK PRINTING: (entire industry).....	r791	r28,625	r143,990	r23,732	r46,758	r112,312	r226,793	r130,418	r357,652	r10,846
	Establishments with:										
	90% or more specialization.....	440	10,925	51,858	9,339	18,303	42,145	79,272	42,417	121,374	3,664
	75-89% specialization.....	r100	r5,060	r24,648	r4,213	r8,319	r18,801	r38,551	r21,054	r59,975	r1,210
27321	Book printing and binding (lithographic) (primary product class of estab.).....	194	10,300	56,549	8,278	16,802	42,462	96,233	64,375	160,827	6,091
	Establishments with:										
	90% or more specialization....	70	1,406	7,183	1,195	2,521	5,534	12,483	10,112	22,097	747
	75-89% specialization.....	35	1,580	8,385	1,316	2,589	6,216	13,326	10,333	23,773	530
27322	Book printing and binding (other processes) (primary product class of estab.).....	r416	r16,206	r78,095	r13,693	r26,635	r59,675	r116,652	r56,970	r174,010	r4,113
	Establishments with:										
	90% or more specialization....	233	7,837	36,708	6,732	13,215	30,159	55,239	25,007	80,510	2,486
	75-89% specialization.....	r49	r2,958	r13,666	r2 507	r4,915	r10,780	r21,031	r8,460	r29,781	(1)
2741	MISCELLANEOUS PUBLISHING: (entire industry).....	1,105	19,870	85,518	6,538	12,029	28,633	206,851	110,356	316,928	5,993
	Establishments with:										
	90% or more specialization.....	973	14,719	70,933	4,625	8,509	19,713	149,262	87,253	235,973	4,518
	75-89% specialization.....	47	2,747	13,706	504	946	2,014	28,872	10,117	39,001	(1)
27411	Catalogs and directories publishing (primary product class of estab.)...	193	4,622	18,928	1,314	2,354	5,204	38,022	45,898	83,951	915
	Establishments with:										
	90% or more specialization....	175	3,661	15,035	1,173	2,059	4,525	30,211	43,798	74,063	847
27412	Business services publishing (primary product class of estab.).....	53	5,207	30,874	917	1,674	4,480	55,859	16,196	72,164	(1)
27413	Other miscellaneous publishing (primary product class of estab.)...	368	7,938	37,102	3,896	7,281	17,160	90,204	36,953	127,213	2,727
	Establishments with:										
	90% or more specialization....	287	5,378	25,994	2,329	4,428	10,201	63,923	24,470	88,152	1,521
	75-89% specialization.....	35	773	3,164	411	770	1,490	6,255	2,472	8,757	(1)

<sup>r</sup>Revised.      <sup>1</sup>Less than \$500 thousand.



## Commercial Printing and Manifold Business Forms

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

- 2751—Commercial Printing, Except Lithographic
- 2752—Commercial Printing, Lithographic
- 2753—Engraving and Plate Printing
- 2761—Manifold Business Forms Manufacturing

### 2751—Commercial Printing, Except Lithographic

This industry comprises establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in gravure, rotogravure, and screen process printing. Establishments primarily engaged in printing books, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in Industry 2752.

For a detailed list of products of Industry 2751, refer to table 6A, product codes 2751113 to 2751998.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number from the previous classification system but were significantly changed as to content in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. The changes in content are summarized as follows: manifold business forms, formerly classified in this industry when produced by the letterpress or gravure processes, are now considered primary to Industry 2761, Manifold Business Forms, while playing cards and printed tags, formerly classified in Industry 2699, Converted Paper and Board Products, N.E.C., and decalcomania, formerly classified in Industry 2761, Lithographing, are now included in this industry when printed by processes other than lithographic.

Value of shipments and other receipts of the Printing: Letterpress industry in 1958 totaled \$2,533 million. This included receipts from commercial printing, except lithographic (primary products), valued at \$2,057 million, shipments of other products (secondary products) valued at \$396 million, resales of \$62 million, and miscellaneous receipts of \$18 million.

This industry's receipts from commercial printing, except lithographic (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 85 percent. Secondary products reported by this industry in 1958 consisted mainly of commercial printing, lithographic, \$170 million; book and pamphlet printing, \$80 million; manifold business forms, \$19 million; specialty bags and liners, \$16 million; periodicals, publishing, and printing, \$11 million; metal foil and leaf, \$11 million; and blankbooks and looseleaf binders, \$10 million.

Industry 2751 receipts from commercial printing, except lithographic (primary products) in 1958 represented 82 percent (coverage ratio) of these products valued at \$2,513 million reported by all industries. In 1954, the coverage ratio was 86. Other industries reporting letterpress, gravure, and screen commercial printing (primary products) consisted mainly of Industry 2752, Printing: Lithographic, \$147 million; Industry 2711, Newspapers, \$114 million. Industry 2732, Book Printing, \$38 million; Industry 2643, Bags, Except Textile Bags, \$24 million; Industry 2649, Paper and Board Products, N.E.C., \$15 million, and Industry 2761, Manifold Business Forms, \$14 million.

The lower coverage ratio in 1958 compared with the 1954 figure primarily results from changes in the Standard Industrial Classification system as described above.

### 2752—Commercial Printing, Lithographic

This industry comprises establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. For a detailed list of products of Industry 2752, refer to table 6A, product codes 2752111 to 2752711.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2752 from code number 2761 in the previous classification system and were significantly changed as to content in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. The changes in content may be summarized as follows: manifold business forms, formerly classified in this industry when produced by the lithographic process, are now considered primary to Industry 2761, Manifold Business Forms, while playing cards and printed tags, formerly classified in Industry 2699, Converted Paper and Board Products, N.E.C., are now included in this industry when the lithographic process is employed. In addition, decalcomanias, formerly included in this industry regardless of printing process, are now considered primary to Industry 2751, Printing: Letterpress when printed by the screen, letterpress, or gravure process.

Value of shipments and other receipts of the Printing: Lithographic Industry in 1958 totaled \$1,342 million. This included receipts from lithographic commercial printing (primary products), valued at \$1,022 million, shipments of other products (secondary products) valued at \$275 million, resales of \$28 million, and miscellaneous receipts of \$16 million.

This industry's receipts from commercial lithography (primary products) in 1958 represented 79 percent (spe-



## MANUFACTURES—INDUSTRY STATISTICS

cialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 82 percent. Secondary activities of this industry in 1958 consisted mainly of letterpress printing, \$147 million; book and pamphlet printing, \$58 million; manifold business forms, \$16 million; blankbooks and looseleaf binders, \$9 million; folding paperboard boxes, \$8 million; and greeting card printing, \$8 million.

Industry 2752 receipts from commercial printing, lithographic (primary products) in 1958 represented 79 percent (coverage ratio) of these products valued at \$1,294 million reported by all industries. In 1954, the coverage ratio was also 79 percent. Other industries reporting commercial lithography (primary products) consisted mainly of Industry 2751, Printing: Letterpress, \$170 million; Industry 2732, Book Printing, \$40 million; Industry 2761, Manifold Business Forms, \$11 million, and Industry 2711, Newspapers, \$9 million.

The lower specialization ratio in 1958 compared with 1954 primarily results from changes in the Standard Industrial Classification system as described above.

### 2753—Engraving and Plate Printing

This industry comprises establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates, in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in Industry 3479. Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts) are classified in Industry 2793. For a detailed list of products of Industry 2753, refer to table 6A, product codes 2753012 to 2753075.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2753 from code number 2792 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Engraving and Plate Printing Industry in 1958 totaled \$87 million. This included receipts from engraving and plate printing (primary products), valued at \$77 million, shipments of other products (secondary products) valued at \$7 million, resales of \$2 million, and miscellaneous receipts of \$1 million.

This industry's receipts from engraving and plate printing (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 93 percent. Secondary products shipped by this industry in 1958 consisted mainly of letterpress commercial printing, \$3 million.

Industry 2753 receipts from engraving and plate printing (primary products) in 1958 represented 82 percent (coverage ratio) of these products valued at \$94 million reported by all industries. In 1954, the coverage ratio was 79 percent. Other industries reporting engraving and plate printing (primary products) consisted mainly of Industry 2751, Printing: Letterpress, \$3 million; Industry 3911, Jewelry, Precious Metals, \$2.5 million; Industry 2752, Printing: Lithographic, \$2 million; and Industry 2732, Book Printing, \$2 million.

### 2761—Manifold Business Forms Manufacturing

This industry comprises establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. The principal types of manifold business forms are: Continuous, Unit-Set, and Salesbooks. For a detailed list of products of Industry 2761, refer to table 6A, product codes 2761111 to 2761351.

The statistics for this new industry as classified under the 1957 edition of the Standard Industrial Classification Manual bring together establishments specializing in the manufacture of manifold business forms. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. In the previous classification system manifold business forms (except salesbooks) were considered primary products of the commercial printing industries: Industry 2751, when processes other than lithography were employed, and Industry 2752 (formerly S.I.C. 2761) when manufactured by the lithographic process. Salesbooks were formerly classified in Industry 2782, Blankbooks and Paper Ruling.

Value of shipments and other receipts of the Manifold Business Forms Industry in 1958 totaled \$406 million. This included shipments of manifold business forms (primary products), valued at \$356 million, shipments of other products (secondary products) valued at \$34 million and miscellaneous receipts (largely resales) of \$19 million.

This industry's shipments of manifold business forms (primary products) in 1958 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of letterpress printing, \$14 million, and lithographic printing, \$11 million.

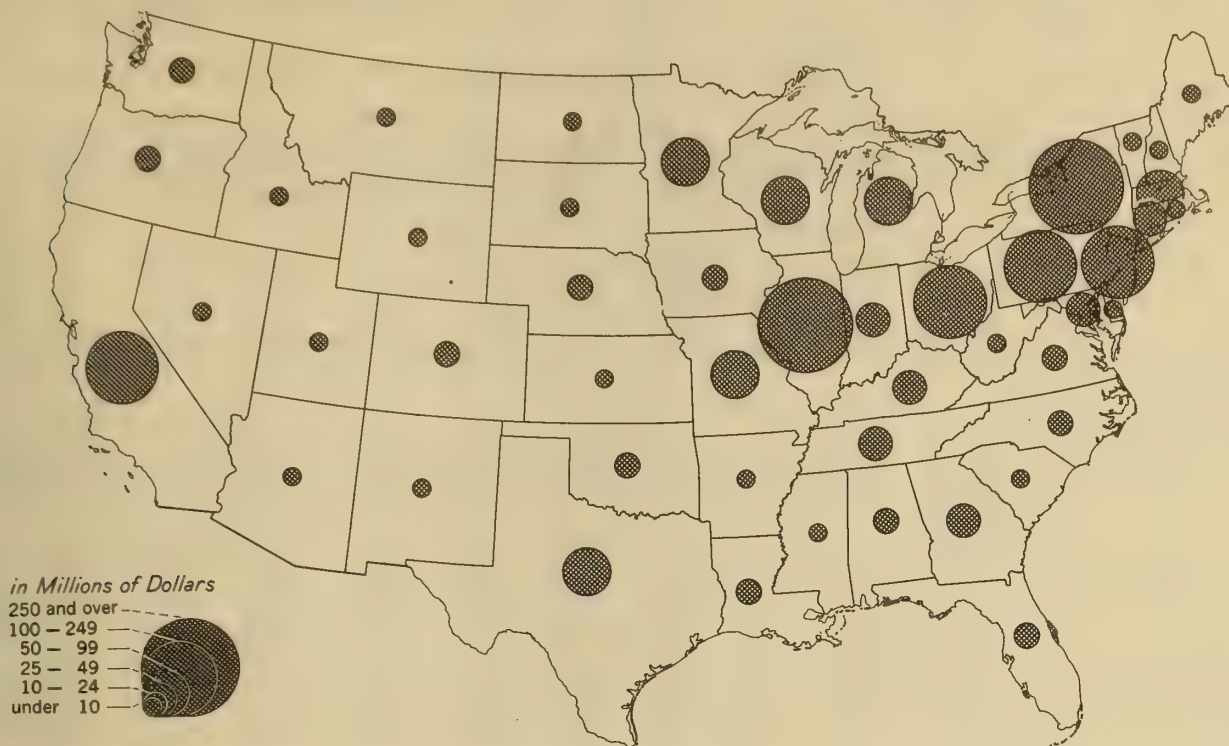
Industry 2761 shipments of manifold business forms (primary products) in 1958 represented 90 percent (coverage ratio) of these products valued at \$374 million shipped by all industries. Other industries shipping manifold business forms (primary products) consisted mainly of Industry 2751, Printing: Letterpress, \$19 million; and Industry 2752, Printing: Lithographic, \$16 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



# COMMERCIAL PRINTING: SIC 275

Value Added by Manufacture by State: 1958

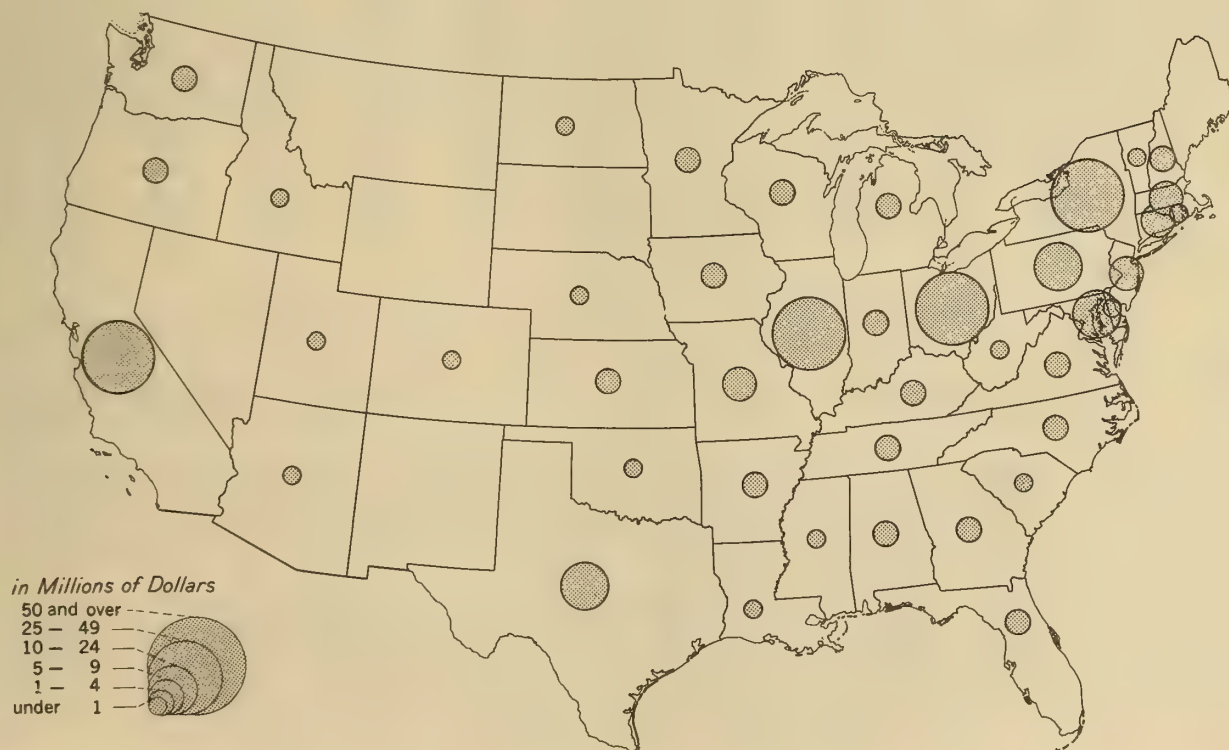


Includes Industries 2751, 2752 and 2753. See Table 2.

Bureau of the Census M-58-D275

# MANIFOLD BUSINESS FORMS MANUFACTURING: SIC 276

Value Added by Manufacture by State: 1958



Includes Only Industry 2761. See Table 2.

Bureau of the Census M-58-D276

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2751	Printing: Letterpress: <sup>8</sup>														
	1958 (new SIC).....	12,878	13,002	1,640	189,078	954,240	150,426	286,790	720,845	1,482,604	1,054,919	2,533,227	98,916	84	82
	1958 (old SIC basis)	(NA)	13,150	1,715	199,295	1,015,996	156,289	337,555	753,949	1,590,964	1,133,186	2,722,638	112,665	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	217,978	1,063,595	171,663	336,974	784,011	1,801,236	(NA)	2,803,729	(NA)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	212,278	1,010,805	167,729	330,708	746,279	1,688,310	1,031,051	2,618,166	73,534	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	205,328	932,423	161,745	316,878	687,731	1,551,910	912,578	2,359,097	74,987	(NA)	(NA)
	1954.....	11,970	12,073	1,671	200,233	888,659	157,567	305,988	650,828	1,361,773	894,214	2,255,730	65,822	85	86
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	201,697	889,721	161,989	317,637	665,229	1,392,364	785,938	2,178,302	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	204,033	860,901	161,467	356,747	640,363	1,331,366	725,068	2,056,434	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	203,019	800,717	160,433	353,705	585,440	1,239,463	707,527	1,946,990	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	195,993	717,831	157,313	358,874	539,647	1,091,190	607,171	1,698,361	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	202,138	702,248	158,419	362,192	512,702	1,054,790	558,082	1,612,872	(NA)	(NA)	(NA)
	1947.....	11,810	11,920	1,766	191,719	594,125	154,520	322,609	449,830	970,291	542,845	1,513,136	60,677	86	86
	1939 <sup>10</sup> .....	(NA)	10,295	(NA)	(NA)	(NA)	112,389	(NA)	158,685	381,892	225,909	607,801	(NA)	(NA)	(NA)
2752	Printing: Litho-graphic: <sup>8</sup>														
	1958 (new SIC).....	13,696	13,746	1,026	189,678	1,519,506	168,230	132,677	358,093	797,397	546,065	1,341,551	151,541	79	79
	1958 (old SIC basis)	(NA)	4,259	1,086	97,526	555,866	74,090	143,699	381,370	872,370	597,388	1,473,455	58,863	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	83,445	449,690	63,758	126,518	306,393	753,456	(NA)	1,207,662	39,343	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	81,362	418,599	62,446	123,984	288,772	689,013	460,516	1,138,882	40,393	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	79,756	393,654	61,688	122,033	273,743	628,044	418,372	1,036,298	33,459	(NA)	(NA)
	1954.....	2,879	2,924	768	77,717	376,571	60,178	117,968	261,249	588,528	409,089	997,699	34,854	82	79
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	57,258	281,722	44,995	91,508	197,743	450,867	287,151	738,018	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	56,956	272,441	42,288	86,009	189,510	385,230	241,472	626,702	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	55,097	255,681	40,432	83,584	173,487	354,201	242,274	596,475	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	52,611	248,325	38,518	87,051	155,861	322,499	204,206	526,705	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1947.....	1,380	1,415	490	52,408	192,657	41,367	84,961	127,151	314,132	174,437	488,569	17,387	77	77
	1939 <sup>10</sup> .....	(NA)	789	(NA)	(NA)	(NA)	26,948	(NA)	39,339	99,910	59,617	159,527	(NA)	(NA)	(NA)
	1937.....	(NA)	516	(NA)	(NA)	(NA)	22,533	(NA)	33,952	78,513	50,731	129,244	(NA)	(NA)	(NA)
	1935.....	(NA)	387	(NA)	21,785	35,252	17,688	(NA)	24,158	57,742	34,305	92,047	(NA)	(NA)	(NA)
	1933.....	(NA)	346	(NA)	17,378	23,350	14,579	(NA)	18,123	42,192	25,996	68,188	(NA)	(NA)	(NA)
	1931.....	(NA)	364	(NA)	(NA)	(NA)	16,215	(NA)	25,723	56,745	30,688	87,433	(NA)	(NA)	(NA)
2753 (old SIC 2792)	Engraving and plate printing:														
	1958.....	520	528	102	9,047	43,115	7,228	13,554	33,348	64,471	23,168	87,202	3,596	92	82
	1954.....	565	567	69	7,510	29,412	6,080	11,963	21,739	43,663	17,630	61,294	1,702	93	79
	1947.....	412	416	70	7,688	20,998	6,463	13,196	16,959	33,094	12,217	45,311	544	92	80
	1939.....	(NA)	436	(NA)	6,865	10,429	5,353	(NA)	7,156	16,134	6,030	22,164	(NA)	(NA)	(NA)
	1937.....	(NA)	418	(NA)	(NA)	(NA)	7,226	(NA)	9,312	19,487	7,138	26,625	(NA)	(NA)	(NA)
	1935.....	(NA)	388	(NA)	6,648	9,365	5,300	(NA)	6,521	15,306	4,818	20,124	(NA)	(NA)	(NA)
	1933.....	(NA)	343	(NA)	5,993	6,804	5,033	(NA)	5,265	12,586	3,637	16,223	(NA)	(NA)	(NA)
	1931.....	(NA)	432	(NA)	(NA)	(NA)	6,995	(NA)	9,503	21,000	6,425	27,425	(NA)	(NA)	(NA)
	1929.....	(NA)	483	(NA)	12,351	20,823	10,272	(NA)	14,813	35,954	11,947	47,901	(NA)	(NA)	(NA)
	1927.....	(NA)	416	(NA)	10,424	16,605	8,681	(NA)	12,177	29,400	10,313	39,713	(NA)	(NA)	(NA)
	1925.....	(NA)	390	(NA)	8,936	14,001	7,376	(NA)	10,402	24,956	7,675	32,631	(NA)	(NA)	(NA)
	1923.....	(NA)	401	(NA)	9,444	14,346	7,670	(NA)	10,399	25,075	8,000	33,075	(NA)	(NA)	(NA)
	1921.....	(NA)	391	(NA)	8,725	13,021	7,287	(NA)	9,831	21,659	7,748	29,407	(NA)	(NA)	(NA)
	1919.....	(NA)	476	(NA)	8,734	11,347	7,249	(NA)	8,315	18,163	7,200	25,363	(NA)	(NA)	(NA)
	1914.....	(NA)	471	(NA)	8,526	6,824	7,161	(NA)	4,837	10,495	4,011	14,506	(NA)	(NA)	(NA)
	1909.....	(NA)	398	(NA)	6,540	4,881	5,644	(NA)	3,646	7,800	2,344	10,144	(NA)	(NA)	(NA)
	1904.....	(NA)	329	(NA)	4,341	3,069	3,918	(NA)	2,473	4,977	1,614	6,591	(NA)	(NA)	(NA)
	1899.....	(NA)	430	(NA)	3,974	2,579	3,639	(NA)	2,218	4,442	1,273	5,715	(NA)	(NA)	(NA)
2761	Manifold business forms: <sup>11</sup>														
	1958.....	1,672	1,704	1,165	123,618	120,945	16,883	32,823	79,623	245,229	160,023	405,731	14,755	91	90

NA Not available. <sup>2</sup>Revised

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)
2751	1,357,820
2752	578,883
2753	43,385

Footnotes continued on next page



Footnotes for Table 1—MC-27B

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2751	1,008,263	844,511
2752	524,489	383,587
2753	21,743	16,698
2761	150,606	xxx

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2751	2,471,279	2,202,074
2752	1,310,059	962,552
2753	85,219	60,084
2761	392,300	xxx

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>The figures for 1939 are not entirely comparable with those of earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$96.7 million for "Lithographing" and \$72.2 million for the combined industries "Bookbinding," "Blankbook making and paper ruling," "Library and loose-leaf binders," and "Miscellaneous bookbinding work." No comparable figures are available for "Commercial printing" prior to 1939.

<sup>11</sup>This industry was recognized for the first time in the 1957 Standard Industrial Classification; so that figures for 1957 and earlier years are not available. The constitution of this new industry is described in the text and the resulting shifts in establishments, employment, and value added by manufacture from existing industries are described in table 1A.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry.)

	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New industry 2761, manifold business forms.....	r704	r165	r23,618	r245,229	xxx	xxx	xxx	xxx
Old industry 2751, commercial printing.....	273	115	14,042	143,649	r13,160	r1,710	r198,425	r1,587,832
Old industry 2761, lithographing.....	r411	r37	r7,351	r80,934	r4,248	1,086	r98,035	r885,276
Old industry 2782, blank books and paper ruling.	18	13	2,199	20,383	310	110	r10,840	r85,239
All other industries <sup>1</sup> .....	2	...	26	263	xxx	xxx	xxx	xxx
New industry 2751, printing: Letterpress.....	13,002	1,640	189,078	1,482,604	xxx	xxx	xxx	xxx
Old industry 2751, commercial printing.....	12,835	1,580	183,380	1,435,990	r13,160	r1,710	r198,425	r1,587,832
Old industry 2761, lithographing.....	125	31	1,651	12,522	(2)	(2)	(2)	(2)
Old industry 2699, converted paper and board products, NEC.....	28	25	3,409	29,184	(2)	(2)	(2)	(2)
All other industries <sup>1</sup> .....	14	4	638	4,908	(2)	(2)	(2)	(2)
New industry 2752, printing, lithographic.....	r3,746	r1,026	r89,678	r79,737	...	...	...	...
Old industry 2761, lithographing.....	r370	r1,015	r88,808	r790,501	r4,248	1,086	r98,035	r885,276
Old industry 2751, commercial printing.....	36	7	487	4,063	(2)	(2)	(2)	(2)
All other industries <sup>1</sup> .....	7	4	383	2,833	(2)	(2)	(2)	(2)

<sup>r</sup>Revised

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>2</sup>Not shown where the establishments reclassified out of the old SIC industry comprised less than 10 percent of adjusted value added.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2751	Printing: Letterpress, total.....	13,002	1,640	189,078	954,240	149,133	150,426	1286,790	1720,845	2,533,227	98,916	(3)	(3)	(3)
	New England.....	985	124	14,160	65,556	11,634	22,198	50,265	98,448	158,455	6,876	(3)	(3)	(3)
	Maine.....	66	5	447	1,628	350	648	1,185	2,879	5,384	(2)	(3)	(3)	(3)
	New Hampshire.....	46	5	992	4,559	856	1,650	3,658	6,466	10,550	(2)	(3)	(3)	(3)
	Vermont.....	37	4	268	1,021	220	436	768	1,431	2,164	(2)	(3)	(3)	(3)
	Massachusetts.....	545	76	7,173	32,602	5,725	10,853	24,028	50,478	81,949	3,729	(3)	(3)	(3)
	Rhode Island.....	77	7	745	3,261	591	1,140	2,281	5,033	8,130	510	(3)	(3)	(3)
	Connecticut.....	214	27	4,535	22,485	3,891	7,471	18,345	32,161	50,278	2,068	(3)	(3)	(3)
	Middle Atlantic..	3,519	492	55,369	285,267	44,934	85,472	219,873	444,481	781,076	27,713	(3)	(3)	(3)
	New York.....	2,187	301	28,753	153,075	22,844	43,593	113,264	245,424	424,912	13,991	(3)	(3)	(3)
	New Jersey.....	499	70	9,479	48,717	7,960	14,967	38,683	78,563	131,442	4,434	(3)	(3)	(3)
	Pennsylvania....	833	121	17,137	83,475	14,130	26,912	67,926	120,494	224,722	9,288	(3)	(3)	(3)
	East North													
	Central.....	2,889	401	55,252	300,788	44,337	86,363	230,994	457,215	777,905	29,016	(3)	(3)	(3)
	Ohio.....	718	100	14,284	72,575	11,413	22,892	55,919	117,816	200,423	7,590	(3)	(3)	(3)
	Indiana.....	311	33	3,308	14,595	2,677	5,125	11,483	22,400	36,782	1,410	(3)	(3)	(3)
	Illinois.....	1,007	167	26,298	156,540	21,599	42,101	122,465	225,925	374,515	13,708	(3)	(3)	(3)
	Michigan.....	546	64	5,646	28,063	4,497	8,303	21,201	47,586	80,274	4,178	(3)	(3)	(3)
	Wisconsin.....	307	37	5,716	29,015	4,151	7,942	19,926	43,488	85,911	2,130	(3)	(3)	(3)
	West North													
	Central.....	1,049	126	16,061	76,067	10,915	20,529	47,144	116,912	200,854	6,475	(3)	(3)	(3)
	Minnesota.....	221	39	6,969	36,251	3,830	7,000	18,248	52,668	77,062	2,154	(3)	(3)	(3)
	Iowa.....	175	18	1,721	6,812	1,340	2,998	4,713	12,674	20,231	767	(3)	(3)	(3)
	Missouri.....	368	44	4,748	21,977	3,726	6,917	16,438	33,879	72,984	2,019	(3)	(3)	(3)
	Nebraska.....	99	11	1,342	6,059	1,012	1,822	3,933	9,667	16,374	601	(3)	(3)	(3)
	Kansas.....	120	9	855	3,326	710	1,260	2,708	5,568	9,010	659	(3)	(3)	(3)
	South Atlantic..	1,327	171	16,408	74,433	13,279	25,600	56,492	117,164	204,505	9,307	(3)	(3)	(3)
	Delaware.....	19	4	373	1,900	328	589	1,637	2,497	4,456	(2)	(3)	(3)	(3)
	Maryland.....	182	33	2,823	13,605	2,322	4,582	10,575	22,008	36,264	644	(3)	(3)	(3)
	District of Columbia.....	84	9	2,513	14,251	2,107	4,029	11,711	21,368	33,562	758	(3)	(3)	(3)
	Virginia.....	193	24	2,355	9,419	1,906	3,712	7,077	14,343	25,622	1,312	(3)	(3)	(3)
	West Virginia..	70	7	694	2,828	529	1,032	1,866	3,959	7,097	953	(3)	(3)	(3)
	North Carolina..	197	34	2,351	9,724	1,856	3,546	6,750	16,294	29,613	1,333	(3)	(3)	(3)
	South Carolina..	75	5	471	1,759	371	669	1,344	2,843	4,745	(2)	(3)	(3)	(3)
	Georgia.....	202	29	2,589	11,455	2,080	4,079	8,422	18,352	37,498	2,308	(3)	(3)	(3)
	Florida.....	305	26	2,239	9,492	1,780	3,362	7,110	15,500	25,648	1,604	(3)	(3)	(3)
	East South													
	Central.....	479	59	6,695	30,242	5,423	10,526	24,013	47,828	82,153	4,703	(3)	(3)	(3)
	Kentucky.....	116	17	1,750	9,722	1,406	2,755	7,898	14,788	22,997	1,445	(3)	(3)	(3)
	Tennessee.....	177	25	3,407	14,390	2,817	5,500	11,519	22,162	40,969	2,074	(3)	(3)	(3)
	Alabama.....	116	12	1,070	4,434	858	1,617	3,378	7,982	12,997	(D)	(3)	(3)	(3)
	Mississippi.....	70	5	468	1,696	342	654	1,218	2,896	5,190	(2)	(3)	(3)	(3)
	West South													
	Central.....	913	90	7,756	31,887	6,102	11,397	23,303	54,631	92,149	4,004	(3)	(3)	(3)
	Arkansas.....	64	9	684	2,814	499	964	1,865	4,515	7,689	(2)	(3)	(3)	(3)
	Louisiana.....	140	21	1,408	5,947	1,054	1,990	4,244	9,567	15,354	624	(3)	(3)	(3)
	Oklahoma.....	143	12	962	4,084	789	1,434	3,045	6,820	11,758	525	(3)	(3)	(3)
	Texas.....	566	48	4,702	19,042	3,760	7,009	14,149	33,729	57,348	2,531	(3)	(3)	(3)
	Mountain.....	327	33	2,995	13,502	2,325	4,197	10,491	22,551	6,877	1,644	(3)	(3)	(3)
	Montana.....	15	5	225	1,139	148	266	797	1,297	2,445	(2)	(3)	(3)	(3)
	Idaho.....	24	2	230	972	175	298	706	1,350	2,170	(2)	(3)	(3)	(3)
	Wyoming.....	8	2	112	496	71	149	321	686	1,241	(2)	(3)	(3)	(3)
	Colorado.....	123	9	1,094	5,125	851	1,483	4,067	9,009	14,274	611	(3)	(3)	(3)
	New Mexico.....	43	4	353	1,630	283	534	1,269	2,952	4,981	(2)	(3)	(3)	(3)
	Arizona.....	60	6	402	1,705	330	600	1,354	2,736	4,498	(2)	(3)	(3)	(3)
	Utah.....	42	3	426	1,750	343	643	1,421	3,385	5,570	(2)	(3)	(3)	(3)
	Nevada.....	12	2	153	685	124	224	556	1,136	1,698	(2)	(3)	(3)	(3)
	Pacific.....	1,514	144	14,382	76,498	11,477	20,508	58,270	123,374	199,253	9,178	(3)	(3)	(3)
	Washington.....	161	10	1,035	4,936	747	1,290	3,636	8,414	14,132	597	(3)	(3)	(3)
	Oregon.....	134	10	793	3,684	660	1,147	2,919	6,324	9,562	714	(3)	(3)	(3)
	California.....	1,219	124	12,554	67,878	10,070	18,071	51,715	108,636	175,559	7,867	(3)	(3)	(3)
2752	Printing: Lithographic, total....	13,746	1,026	189,678	1519,506	168,230	136,277	1358,093	1797,397	1,341,551	151,541	(3)	(3)	(3)
	New England.....	209	64	5,240	28,484	4,038	7,943	19,328	42,832	71,253	3,154	(3)	(3)	(3)
	Massachusetts..	116	36	3,210	17,361	2,451	4,903	11,683	25,741	43,118	1,640	(3)	(3)	(3)
	Connecticut....	51	19	1,440	8,148	1,131	2,169	5,568	12,195	20,045	1,214	(3)	(3)	(3)
	Middle Atlantic..	11,061	1,313	126,265	158,887	20,245	39,689	112,142	124,972	140,598	11,727	(3)	(3)	(3)
	New York.....	719	205	16,596	103,950	12,774	25,107	73,722	169,502	269,043	16,970	(3)	(3)	(3)
	New Jersey.....	137	31	3,060	17,874	2,367	4,527	12,451	28,632	45,964	1,424	(3)	(3)	(3)
	Pennsylvania....	205	77	6,609	37,063	5,104	10,055	25,969	54,838	90,591	3,333	(3)	(3)	(3)
	East North													
	Central.....	1,974	316	29,041	171,941	21,695	42,341	115,261	126,458	147,074	21,139	(3)	(3)	(3)
	Ohio.....	263	80	8,053	45,813	5,839	11,270	29,451	69,425	111,280	5,737	(3)	(3)	(3)
	Indiana.....	82	23	1,634	9,426	1,177	2,274	5,891	13,969	23,755	711	(3)	(3)	(3)
	Illinois.....	1,389	135	12,433	74,341	9,466	18,724	51,577	114,482	198,549	17,616	(3)	(3)	(3)
	Michigan.....	143	47	4,033	25,382	2,958	5,818	16,640	41,446	71,189	1,941	(3)	(3)	(3)
	Wisconsin.....	97	31	2,888	16,979	2,255	4,255	11,702	25,236	42,301	5,134	(3)	(3)	(3)

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Printing: Lithographic—Continued													
	West North													
	Central.....	324	102	7,477	42,342	5,666	10,864	28,767	62,569	104,346	4,535	(3)	(3)	(3)
	Minnesota.....	94	34	2,805	15,848	2,183	3,969	11,361	23,274	39,385	2,214	(3)	(3)	(3)
	Iowa.....	41	10	498	2,434	381	752	1,732	4,054	6,477	(2)	(3)	(3)	(3)
	Missouri.....	124	44	3,131	18,503	2,323	4,588	12,052	26,220	43,256	996	(3)	(3)	(3)
	South Atlantic....	r315	r68	r5,137	r25,844	r4,063	r8,083	r18,434	r39,827	r72,783	2,066	(3)	(3)	(3)
	Delaware.....	7	3	224	1,278	168	328	792	1,901	3,165	(2)	(3)	(3)	(3)
	Maryland.....	49	11	1,092	5,916	911	2,052	4,551	8,632	16,542	(2)	(3)	(3)	(3)
	District of Columbia.....	38	15	745	4,070	577	1,138	2,893	6,138	11,310	(2)	(3)	(3)	(3)
	Virginia.....	29	7	781	3,389	601	1,099	2,296	5,228	9,694	(2)	(3)	(3)	(3)
	West Virginia....	7	2	114	540	94	169	410	841	1,337	(2)	(3)	(3)	(3)
	North Carolina..	r46	r5	r443	r1,949	r332	r636	r1,324	r3,285	r6,575	(2)	(3)	(3)	(3)
	Florida.....	83	11	727	3,475	559	1,094	2,473	5,768	10,611	(2)	(3)	(3)	(3)
	East South													
	Central.....	98	19	3,001	14,773	2,409	4,853	10,906	20,920	33,580	1,633	(3)	(3)	(3)
	Kentucky.....	33	10	2,056	10,196	1,779	3,638	8,099	14,831	21,005	1,215	(3)	(3)	(3)
	Tennessee.....	46	6	673	3,168	418	834	1,770	4,348	8,554	(2)	(3)	(3)	(3)
	West South													
	Central.....	r194	r31	r3,277	r15,751	r2,365	r4,636	r10,406	r24,324	r41,311	r1,725	(3)	(3)	(3)
	Texas.....	r135	r25	r2,520	r12,300	r1,807	r3,539	r8,140	r19,050	r32,130	r1,226	(3)	(3)	(3)
	Mountain.....	95	18	1,479	7,545	1,149	2,110	5,320	12,474	20,127	1,004	(3)	(3)	(3)
	Pacific.....	r476	r96	r8,761	r53,939	r6,600	r12,158	r37,529	r85,921	r145,479	r4,558	(3)	(3)	(3)
	California.....	r384	r78	r7,447	r45,974	r5,619	r10,414	r32,070	r74,338	r127,500	r3,947	(3)	(3)	(3)
2753	Engraving and plate printing, total....	528	102	9,047	43,115	7,228	13,554	33,348	64,471	87,202	3,596	7,510	43,385	7,688
	New England.....	50	12	931	4,274	755	1,424	3,277	5,772	7,560	(2)	836	5,043	682
	Massachusetts....	23	6	449	2,063	342	634	1,413	2,926	3,788	(2)	280	1,562	(D)
	Connecticut.....	12	3	254	1,136	204	406	903	1,544	2,182	(2)	282	1,756	152
	Middle Atlantic...	192	36	4,453	23,497	3,481	6,352	18,532	33,786	45,043	2,067	3,397	19,880	4,421
	New York.....	119	22	3,025	17,049	2,307	4,069	13,402	24,404	32,291	1,533	2,077	12,091	2,764
	New Jersey.....	40	7	529	2,695	424	797	2,048	3,873	5,062	(2)	582	3,688	509
	Pennsylvania....	33	7	899	3,753	750	1,486	3,082	5,509	7,690	(2)	737	4,121	1,148
	East North													
	Central.....	102	18	1,260	5,792	1,034	1,926	4,431	9,396	13,168	(2)	1,279	7,868	1,078
	Ohio.....	19	5	229	1,084	164	303	748	1,673	2,287	(2)	271	1,361	213
	Indiana.....	9	2	109	382	96	192	317	647	1,104	(2)	128	534	121
	Illinois.....	53	10	727	3,390	611	1,121	2,512	5,177	7,115	(2)	623	4,231	644
	Michigan.....	14	1	150	772	125	243	718	1,544	2,204	(2)	181	1,300	37
	West North													
	Central.....	31	5	364	1,474	314	599	1,160	2,415	3,609	(2)	298	1,403	255
	Minnesota.....	9	1	127	596	110	216	480	755	1,316	(2)	(NA)	(NA)	(NA)
	Missouri.....	12	3	167	602	144	270	450	938	1,313	(2)	225	991	189
	South Atlantic....	41	15	776	3,140	664	1,341	2,484	4,919	6,241	(2)	663	3,419	402
	North Carolina..	9	3	256	862	232	462	752	1,371	1,587	(2)	230	1,098	89
	Florida.....	9	3	124	474	101	189	387	813	1,107	(2)	(NA)	(NA)	(NA)
	East South													
	Central.....	22	6	391	1,282	324	663	967	2,176	3,151	(2)	315	1,237	317
	Kentucky.....	12	4	202	761	160	330	520	1,009	1,541	(2)	156	693	176
	West South													
	Central.....	32	4	283	1,233	213	434	815	1,954	2,891	(2)	262	1,441	194
	Texas.....	23	4	239	998	177	368	624	1,556	2,351	(2)	172	905	169
	Mountain.....	9	2	175	667	119	240	375	1,182	1,561	(2)	128	813	117
	Pacific.....	49	4	414	1,756	324	575	1,307	2,871	3,978	(2)	330	2,278	222
	California.....	41	2	291	1,375	237	455	1,065	2,342	3,261	(2)	183	1,164	163
2761	Manifold business forms, total.....	r704	r165	r23,618	r120,945	r16,883	r32,823	r79,623	r245,229	r405,731	r14,755	(4)	(4)	(4)
	New England.....	36	11	1,655	8,066	1,115	2,348	5,066	14,146	23,586	757	(4)	(4)	(4)
	Massachusetts....	19	5	956	4,360	621	1,218	2,605	6,857	11,496	(2)	(4)	(4)	(4)
	Middle Atlantic...	r202	r36	r5,374	r27,051	r4,038	r7,714	r19,074	r57,335	r95,150	r3,251	(4)	(4)	(4)
	New York.....	r145	r18	r3,257	r16,886	r2,454	r4,641	r12,157	r38,517	r64,950	r1,770	(4)	(4)	(4)
	New Jersey.....	r21	r8	r924	r4,898	r654	r1,194	r3,055	r7,103	r12,017	(2)	(4)	(4)	(4)
	Pennsylvania....	36	10	1,193	5,267	930	1,879	3,862	11,715	18,183	r946	(4)	(4)	(4)
	East North													
	Central.....	r150	r41	r7,731	r42,480	r5,267	r10,431	r26,441	r80,534	r131,908	r4,603	(4)	(4)	(4)
	Ohio.....	r48	r19	r4,329	r23,595	r2,763	r5,406	r13,889	r44,805	r68,451	r1,119	(4)	(4)	(4)
	Indiana.....	8	3	409	2,184	253	519	1,113	3,410	6,563	(D)	(4)	(4)	(4)
	Illinois.....	r58	r12	r2,196	r12,752	r1,675	r3,393	r8,753	r26,107	r45,170	r1,553	(4)	(4)	(4)
	Michigan.....	27	4	600	2,869	413	805	1,885	4,599	8,229	540	(4)	(4)	(4)
	Wisconsin.....	9	3	197	1,080	163	308	801	1,613	3,495	(2)	(4)	(4)	(4)

See footnotes at end of table.



## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Manifold business forms—Continued													
	West North													
	Central.....	55	15	1,577	7,013	1,158	2,232	4,724	12,786	22,352	787	(4)	(4)	(4)
	Minnesota.....	11	1	141	667	98	189	436	1,004	2,013	(2)	(4)	(4)	(4)
	Iowa.....	6	3	177	691	139	254	487	2,699	3,909	(2)	(4)	(4)	(4)
	Missouri.....	23	7	878	4,025	633	1,230	2,646	6,150	11,172	(2)	(4)	(4)	(4)
	Kansas.....	11	3	333	1,435	250	492	1,005	2,451	4,420	(2)	(4)	(4)	(4)
	South Atlantic....	<sup>r</sup> 68	<sup>r</sup> 14	<sup>r</sup> 1,920	<sup>r</sup> 8,767	<sup>r</sup> 1,467	<sup>r</sup> 2,848	<sup>r</sup> 5,788	<sup>r</sup> 21,837	<sup>r</sup> 35,838	1,177	(4)	(4)	(4)
	North Carolina..	<sup>r</sup> 10	<sup>r</sup> 1	<sup>r</sup> 160	<sup>r</sup> 818	<sup>r</sup> 125	<sup>r</sup> 259	<sup>r</sup> 491	<sup>r</sup> 1,586	<sup>r</sup> 3,117	(2)	(4)	(4)	(4)
	Georgia.....	8	3	155	730	127	242	443	1,770	2,608	(2)	(4)	(4)	(4)
	Florida.....	15	5	218	1,130	167	345	734	1,565	2,956	(2)	(4)	(4)	(4)
	East South													
	Central.....	20	8	640	2,297	518	1,032	1,590	4,862	9,659	511	(4)	(4)	(4)
	Tennessee.....	10	3	348	1,311	279	548	846	1,928	4,902	(2)	(4)	(4)	(4)
	West South													
	Central.....	<sup>r</sup> 58	<sup>r</sup> 9	<sup>r</sup> 1,198	<sup>r</sup> 5,227	<sup>r</sup> 823	<sup>r</sup> 1,583	<sup>r</sup> 3,044	<sup>r</sup> 12,026	<sup>r</sup> 20,006	<sup>r</sup> 1,773	(4)	(4)	(4)
	Texas.....	<sup>r</sup> 32	<sup>r</sup> 7	<sup>r</sup> 973	<sup>r</sup> 4,341	<sup>r</sup> 645	<sup>r</sup> 1,227	<sup>r</sup> 2,461	<sup>r</sup> 10,188	<sup>r</sup> 17,030	<sup>r</sup> 796	(4)	(4)	(4)
	Mountain.....	14	2	190	793	127	239	557	1,257	2,085	(2)	(4)	(4)	(4)
	Pacific.....	<sup>r</sup> 101	<sup>r</sup> 29	<sup>r</sup> 3,333	<sup>r</sup> 19,251	<sup>r</sup> 2,370	<sup>r</sup> 4,396	<sup>r</sup> 13,339	<sup>r</sup> 40,446	<sup>r</sup> 65,147	<sup>r</sup> 1,700	(4)	(4)	(4)
	Washington.....	10	3	183	1,036	118	204	594	1,489	2,385	(2)	(4)	(4)	(4)
	Oregon.....	5	3	165	768	124	233	548	3,118	4,814	(2)	(4)	(4)	(4)
	California.....	<sup>r</sup> 86	<sup>r</sup> 23	<sup>r</sup> 2,985	<sup>r</sup> 17,447	<sup>r</sup> 2,128	<sup>r</sup> 3,959	<sup>r</sup> 12,197	<sup>r</sup> 35,839	<sup>r</sup> 57,948	<sup>r</sup> 1,562	(4)	(4)	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>r</sup> Revised<sup>2</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2751, Printing: Letterpress: West North Central—North Dakota, 32 (100-249); South Dakota, 34 (100-249).

SIC 2752, Printing: Lithographic: New England—Maine, 6 (20-99); New Hampshire, 8 (20-99); Rhode Island, 20 (250-499); West North Central—North Dakota, 2 (1-19); South Dakota, 2 (1-19); Nebraska, 29 (500-999); Kansas, 32 (250-499); South Atlantic—South Carolina, 10 (100-249); Georgia, 46 (500-999); East South Central—Alabama, 12 (100-249); Mississippi, 7 (20-99); West South Central—Arkansas, 14 (20-99); Louisiana, 15 (100-249); Oklahoma, 29 (500-999); Mountain—Montana, 5 (1-19); Idaho, 8 (20-99); Wyoming, 3 (1-19); Colorado, 40 (500-999); New Mexico, 6 (20-99); Arizona, 15 (100-249); Utah, 15 (250-499); Nevada, 3 (1-19); Pacific—Washington, 53 (500-999); Oregon, 39 (500-999).

SIC 2753, Engraving and Plate Printing: New England—New Hampshire, 3 (20-99); Rhode Island, 12 (100-249); East North Central—Wisconsin, 7 (20-99); West North Central—Iowa, 3 (1-19); North Dakota, 1 (1-19); Nebraska, 3 (20-99); Kansas, 3 (1-19); South Atlantic—Maryland, 5 (20-99); District of Columbia, 6 (20-99); Virginia, 4 (20-99); South Carolina, 6 (100-249); Georgia, 2 (20-99); East South Central—Tennessee, 3 (1-19); Alabama, 6 (100-249); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Louisiana, 6 (20-99); Oklahoma, 2 (1-19); Mountain—Montana, 1 (1-19); Colorado, 4 (100-249); Arizona, 1 (1-19); Utah, 2 (1-19); Nevada, 1 (1-19); Pacific—Washington, 3 (1-19); Oregon, 5 (100-249).

SIC 2761, Manifold Business Forms: New England—New Hampshire, 3 (250-499); Vermont, 1 (1-19); Rhode Island, 1 (1-19); Connecticut, 12 (250-499); West North Central—North Dakota, 1 (1-19); Nebraska, 3 (20-99); South Atlantic—Delaware, 2 (1-19); Maryland, 15 (500-999); District of Columbia, 7 (20-99); Virginia, 7 (250-499); West Virginia, 3 (1-19); South Carolina, 1 (1-19); East South Central—Kentucky, 6 (100-249); Alabama, 3 (20-99); Mississippi, 1 (20-99); West South Central—Arkansas, 5 (100-249); Louisiana, 14 (20-99); Oklahoma, 8 (20-99); Mountain—Idaho, 2 (1-19); Colorado, 7 (20-99); Arizona, 4 (20-99); Utah, 1 (20-99).

<sup>2</sup> Less than \$500 thousand.<sup>3</sup> Comparable data for 1954 and 1947 are not available because of revisions in the 1957 Standard Industrial Classification (see table 1A and text of this report). Table 2A presents comparable statistics on the basis of the 1945 Standard Industrial Classification.<sup>4</sup> This industry was recognized for the first time in the 1957 Standard Industrial Classification. See footnote 11 of table 1.

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2751	Printing: Letterpress, total.....	13,150	1,715	199,295	1,015,996	156,289	337,555	753,949	1,590,964	2,722,638	112,665	200,909	1,362,156	191,719
	New England.....	998	130	15,276	75,574	12,372	25,610	54,236	108,994	175,325	7,406	14,387	83,705	13,014
	Maine.....	66	5	447	1,627	351	737	1,184	2,853	5,358	(2)	278	1,333	289
	New Hampshire..	49	7	1,263	5,926	1,032	2,067	4,382	8,410	14,081	(2)	1,220	6,579	253
	Vermont.....	36	4	255	979	212	432	738	1,346	2,049	(2)	320	1,509	252
	Massachusetts..	550	77	7,728	35,084	6,082	12,495	25,528	54,052	88,392	4,023	6,590	37,012	8,005
	Rhode Island....	77	7	751	3,286	596	1,526	2,302	5,055	8,208	513	650	3,722	921
	Connecticut....	220	30	4,832	24,672	4,099	8,353	20,102	37,278	57,237	2,182	5,327	33,548	3,294
	Middle Atlantic..	3,564	509	56,969	292,805	46,234	96,423	226,377	457,428	802,525	36,066	59,012	407,808	54,520
	New York.....	2,230	317	30,038	159,400	23,852	51,191	118,411	253,908	437,917	21,539	31,756	234,972	32,577
	New Jersey.....	500	72	9,663	49,727	8,147	16,791	39,580	79,688	134,525	4,713	9,412	64,250	7,808
	Pennsylvania....	834	120	17,268	83,678	14,235	28,441	68,386	123,832	230,083	9,814	17,843	108,585	14,135
	East North													
	Central.....	2,910	419	58,917	324,471	46,715	96,503	245,626	502,208	857,304	31,139	64,340	467,733	64,738
	Ohio.....	717	109	16,238	85,306	12,576	26,443	63,310	140,343	238,187	8,130	18,488	131,676	13,520
	Indiana.....	313	33	3,484	15,651	2,746	5,809	11,856	23,954	39,918	1,421	3,011	17,130	3,386
	Illinois.....	1,007	171	27,568	164,834	22,555	46,268	128,202	245,191	408,384	14,863	31,036	235,011	37,131
	Michigan.....	557	65	5,658	28,248	4,494	9,147	21,362	47,166	80,617	4,426	6,644	50,668	5,967
	Wisconsin.....	316	41	5,969	30,432	4,344	8,836	20,896	45,554	90,198	2,299	5,159	33,246	4,734
	West North													
	Central.....	1,058	133	16,472	77,745	9,890	20,021	41,990	120,263	206,821	6,689	17,758	113,150	14,722
	Minnesota.....	224	39	6,977	36,325	2,541	4,864	11,569	52,353	76,892	2,162	8,251	57,847	4,888
	Iowa.....	174	19	1,752	6,922	1,354	3,265	4,771	12,912	20,584	754	1,623	8,832	1,790
	Missouri.....	371	48	5,018	22,998	3,896	7,942	17,520	36,583	77,583	2,083	5,001	29,978	5,812
	Nebraska.....	103	12	1,388	6,247	1,049	1,937	4,078	10,105	17,179	696	1,355	7,974	783
	Kansas.....	121	10	917	3,630	755	1,419	2,953	5,906	9,773	720	1,080	6,535	1,042

See footnotes at end of table.



Table 2A.--General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947--Continued

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958									1954		1947		
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number	
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)							
2752	Printing, etc.—Con.														
	South Atlantic.....	1,344	182	17,958	81,681	14,386	31,079	60,954	131,515	228,842	10,215	<sup>r</sup> 15,569	<sup>r</sup> 93,523	14,726	
	Delaware.....	20	4	383	1,954	336	610	1,677	2,575	4,619	( <sup>2</sup> )	417	2,230	239	
	Maryland.....	187	35	3,614	17,331	2,849	5,814	12,771	30,461	50,030	1,101	3,614	22,499	4,053	
	Dist. of Col....	83	9	2,505	14,216	2,099	4,374	11,676	21,338	33,421	758	<sup>r</sup> 2,276	<sup>r</sup> 15,715	2,338	
	Virginia.....	194	25	2,618	10,510	2,139	4,291	7,989	16,449	29,012	1,426	2,105	11,263	1,951	
	West Virginia..	71	7	702	2,864	537	1,144	1,902	3,963	7,218	953	549	2,734	760	
	North Carolina.	191	34	2,474	10,392	1,924	3,525	7,022	17,603	32,270	1,380	1,954	11,514	1,517	
	South Carolina.	75	6	553	2,032	428	1,096	1,497	3,260	5,351	347	563	2,685	546	
	Georgia.....	205	31	2,684	11,892	2,155	5,953	8,689	19,041	38,673	2,427	2,354	14,692	2,017	
	Florida.....	310	31	2,425	10,490	1,919	4,272	7,731	16,825	28,248	1,721	1,734	10,188	1,305	
	East South														
	Central.....	486	61	6,807	30,751	5,516	11,679	24,416	48,600	83,867	4,814	6,806	40,526	6,356	
	Kentucky.....	119	18	1,799	9,873	1,450	3,212	8,027	15,025	23,494	1,523	2,975	19,595	2,568	
	Tennessee.....	182	25	3,461	14,603	2,867	5,802	11,688	22,594	42,303	2,103	2,401	13,535	2,371	
	Alabama.....	115	13	1,079	4,579	857	1,979	3,483	8,085	12,880	930	934	5,224	978	
	Mississippi....	70	5	468	1,696	342	686	1,218	2,896	5,190	258	495	2,172	439	
	West South														
	Central.....	927	91	7,692	32,379	6,032	12,866	23,707	54,915	93,931	4,434	7,214	41,860	7,401	
	Arkansas.....	66	10	781	3,225	575	1,233	2,164	5,174	8,926	( <sup>2</sup> )	778	4,411	755	
	Louisiana.....	143	21	1,417	5,975	1,062	2,138	4,268	8,735	15,568	628	1,253	6,948	1,064	
	Oklahoma.....	144	11	964	4,097	792	1,813	3,075	6,916	11,851	516	940	5,490	1,062	
	Texas.....	574	49	4,530	19,082	3,603	7,682	14,200	34,090	57,586	2,946	4,241	25,011	4,520	
	Mountain.....	331	36	3,166	14,391	2,405	5,087	10,814	24,494	39,858	1,772	2,446	14,390	2,423	
	Idaho.....	25	3	260	1,176	195	362	834	1,742	2,682	( <sup>2</sup> )	170	948	222	
	Colorado.....	123	10	1,149	5,452	887	1,651	4,268	9,410	15,148	716	755	4,673	1,028	
	New Mexico.....	43	4	353	1,630	241	479	981	3,052	4,981	( <sup>2</sup> )	211	1,317	182	
	Arizona.....	62	6	428	1,833	352	853	1,449	2,919	4,757	( <sup>2</sup> )	423	2,512	301	
	Utah.....	43	4	486	1,980	387	950	1,608	4,252	6,906	( <sup>2</sup> )	499	2,782	327	
	Pacific.....	1,532	154	16,063	86,353	12,744	26,025	65,853	143,315	234,559	10,131	13,377	99,456	13,819	
	Washington.....	166	12	1,136	5,445	814	1,684	3,967	9,078	15,391	664	903	6,236	1,564	
	Oregon.....	135	11	814	3,788	671	1,420	2,981	6,479	9,940	739	821	5,807	949	
	California.....	1,231	131	14,113	77,120	11,259	22,921	58,905	127,758	209,228	8,728	11,652	87,413	11,306	
	Printing; Litho-graph, total <sup>1</sup> .....	4,259	1,086	97,526	555,866	74,090	143,699	381,370	872,370	1,473,455	58,863	<sup>r</sup> 77,037	<sup>r</sup> 574,547	52,408	
	New England.....	231	67	5,751	30,739	4,409	8,615	20,743	46,463	77,591	3,373	4,777	31,520	2,883	
	Massachusetts..	127	38	3,659	19,275	2,770	5,495	12,919	28,857	48,573	1,787	3,287	20,851	1,983	
	Rhode Island...	21	7	452	2,435	337	623	1,635	3,734	6,206	( <sup>2</sup> )	567	3,717	423	
	Connecticut....	59	20	1,502	8,497	1,185	2,284	5,755	12,671	20,909	1,307	836	6,470	439	
	Middle Atlantic..	1,204	323	28,889	172,536	22,116	43,634	121,450	274,014	457,008	13,401	23,455	186,183	17,591	
	New York.....	819	205	18,325	113,094	14,076	28,011	80,560	183,574	309,448	8,334	15,738	131,338	12,218	
	New Jersey.....	153	35	3,543	20,564	2,655	5,112	13,906	32,733	52,481	1,573	2,502	17,387	2,426	
	Pennsylvania...	232	83	7,021	38,878	5,385	10,511	26,984	57,707	95,079	3,494	5,214	37,456	2,947	
	East North														
	Central.....	1,075	326	30,085	175,784	22,371	43,838	117,439	269,518	459,272	23,019	24,610	183,948	15,127	
	Ohio.....	295	85	8,505	47,969	6,150	11,903	30,829	72,871	117,146	6,068	6,481	46,262	4,317	
	Indiana.....	87	25	1,823	10,380	1,328	2,594	6,518	14,329	26,699	1,973	1,743	12,374	629	
	Illinois.....	438	137	12,744	75,910	9,698	19,355	52,598	116,405	202,724	7,893	11,550	87,929	7,228	
	Michigan.....	159	50	4,222	26,238	3,102	6,104	17,192	42,894	73,392	1,978	2,483	19,619	1,389	
	Wisconsin.....	96	29	2,791	15,287	2,093	3,882	10,302	23,019	39,311	5,107	2,351	17,762	1,564	
	West North														
	Central.....	364	109	8,339	46,712	6,339	12,143	31,754	68,056	117,019	5,056	6,894	46,774	7,544	
	Minnesota.....	101	35	2,880	16,196	2,232	4,043	11,585	21,987	40,392	2,194	1,611	11,074	4,849	
Iowa.....	47	11	593	2,822	464	890	2,017	6,232	9,621	( <sup>2</sup> )	601	3,750	138		
Missouri.....	144	48	3,782	22,061	2,826	5,616	14,462	30,598	51,476	1,349	3,709	26,623	2,027		
Kansas.....	38	7	479	2,550	360	657	1,740	4,173	6,868	( <sup>2</sup> )	494	2,792	181		
South Atlantic...	371	73	5,680	28,438	4,530	8,969	20,407	47,059	85,756	2,327	<sup>r</sup> 4,206	<sup>r</sup> 29,079	2,344		
Maryland.....	62	14	1,414	7,571	1,182	2,650	5,838	13,911	26,296	( <sup>2</sup> )	1,314	10,823	848		
Dist. of Col....	45	15	799	4,335	616	1,204	3,070	6,491	12,018	( <sup>2</sup> )	<sup>r</sup> 712	<sup>r</sup> 4,581	525		
Virginia.....	34	7	788	3,403	608	1,107	2,310	5,253	9,762	( <sup>2</sup> )	605	3,278	143		
North Carolina.	55	6	483	2,112	378	721	1,467	3,554	7,068	( <sup>2</sup> )	283	1,426	152		
Georgia.....	51	12	915	4,923	744	1,374	3,422	8,070	13,576	( <sup>2</sup> )	568	4,070	258		
Florida.....	93	11	760	3,611	588	1,136	2,593	6,002	10,959	532	375	2,219	173		
East South															
Central.....	110	24	3,461	16,455	2,737	5,441	11,946	24,026	39,931	1,967	1,555	8,848	994		
Kentucky.....	35	10	2,059	10,208	1,782	3,646	8,111	14,850	21,040	1,219	518	2,873	567		
Tennessee.....	53	10	1,079	4,659	700	1,341	2,689	6,344	13,289	( <sup>2</sup> )	774	4,387	(D)		
Alabama.....	15	3	278	1,395	225	417	1,067	2,528	5,022	( <sup>2</sup> )	242	1,512	(D)		
West South															
Central.....	242	39	4,190	19,847	2,910	5,552	12,329	33,401	56,175	3,257	2,667	18,867	1,341		
Oklahoma.....	38	7	640	3,052	429	857	1,821	4,752	8,272	( <sup>2</sup> )	336	2,047	243		
Texas.....	160	30	3,238	15,641	2,232	4,300	9,719	26,440	44,419	1,851	2,236	16,274	967		
Mountain.....	106	18	1,521	7,549	1,174	2,070	5,347	11,974	19,321	1,041	1,012	7,169	560		
Colorado.....	48	9	926	5,037	724	1,336	3,508	7,537	12,004	726	726	5,498	332		
Utah.....	15	6	319	1,359	228	406	915	2,294	3,744	( <sup>2</sup> )	143	812	113		
Pacific.....	556	107	9,610	57,806	7,504	13,437	39,955	97,859	161,382	5,422	7,858	62,156	4,024		
Washington.....	56	11	893	5,442	655	1,203	3,806	8,014	12,292	( <sup>2</sup> )	742	5,197	274		
Oregon.....	41	8	595	3,441	448	756	2,185	6,960	10,578	( <sup>2</sup> )	395	3,823	222		
California.....	459	88	8,122	48,923	6,401	11,478	33,964	82,885	138,512	4,779	6,719	53,135	3,528		

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.<sup>2</sup> Revised<sup>3</sup> See footnote 8 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification. The employment figure is based on the preliminary report and will differ from table 1a by less than 1 percent.<sup>4</sup> Less than \$500 thousand.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958

(For explanation of line captions, see Introduction )

Item	All establishments			
	Printing: letterpress (SIC 2751)	Printing: lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)
Primary product specialization ratio <sup>1</sup> .....	84	r79	92	r91
Coverage ratio <sup>2</sup> .....	82	r79	82	r90
Number of establishments, total.....	13,002	r3,746	528	r704
With 1-19 employees.....	11,362	r2,720	426	r539
With 20-99 employees.....	1,413	r848	89	r110
With 100 employees or more.....	227	r178	13	r55
Proprietors and working partners.....Number...	10,703	r2,227	344	r424
All employees:				
Number (average for the year).....	189,078	r89,678	9,047	r23,618
Payroll.....\$1,000...	954,240	r519,506	43,115	r120,945
Production workers:				
Number (average for the year).....	r150,426	r68,230	7,228	r16,883
March.....	r150,091	r68,685	7,200	r17,187
May.....	r150,830	r68,569	7,305	r16,785
August.....	r150,774	r68,048	7,175	r16,841
November.....	r154,017	r68,479	7,246	r16,899
Man-hours.....1,000...	r286,790	r132,677	13,554	r32,823
January-March.....do....	r69,159	r32,749	3,365	r8,324
April-June.....do....	r69,411	r33,070	3,453	r8,013
July-September.....do....	r69,297	r32,346	3,122	r5,737
October-December.....do....	r69,516	r33,147	3,391	r8,339
Wages.....\$1,000...	r720,845	r358,093	33,348	r79,623
Cost of materials, etc., total.....do....	1,054,919	r546,065	23,168	r160,023
Materials, parts, containers, and supplies consumed.....do....	862,560	r424,902	18,903	r140,428
Cost of resales.....do....	46,656	r20,197	1,425	r10,796
Fuels consumed.....do....	7,465	r2,770	280	r599
Electricity purchased.....do....	12,829	r7,283	514	r1,479
Contract work.....do....	125,409	r90,913	2,044	r6,721
Value of shipments (including resales), total.....do....	2,533,227	r1,341,551	87,202	r405,731
Value of resales.....do....	61,948	r27,628	1,983	r17,295
Value added by manufacture, adjusted.....do....	1,482,604	r797,397	64,471	r245,229
Manufacturers' inventories:				
Beginning of year, total.....do....	212,679	r276,064	8,150	r43,107
Finished products.....do....	35,584	r46,524	618	r9,464
Work-in-process.....do....	55,258	r63,077	3,039	r9,997
Materials, supplies, fuel, etc.....do....	r121,837	r166,463	4,493	r23,646
End of year, total.....do....	233,592	r277,531	8,462	r43,294
Finished products.....do....	38,100	r47,895	649	r8,871
Work-in-process.....do....	57,038	r63,616	3,445	r10,112
Materials, supplies, fuel, etc.....do....	r138,454	r166,020	4,368	r24,311
Expenditures for plant and equipment, total.....do....	107,184	r55,871	3,763	r17,140
New, total.....do....	98,916	r51,541	3,596	r14,755
New structures and additions to plant.....do....	26,796	r9,904	582	r2,590
New machinery and equipment.....do....	72,120	r41,637	3,014	r12,165
Used plant and equipment.....do....	8,268	r4,330	167	r2,385

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. rRevised

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2751	Printing: letterpress:											
	Number of establishments.....	13,002	7,310	2,447	1,605	1,057	356	143	50	19	12	3
	All employees:											
	Number.....	189,078	14,307	15,977	21,562	31,223	24,440	22,355	17,236	12,462	29,516	(D)
	Payroll.....\$1,000..	954,240	51,492	67,452	101,403	155,591	127,380	117,306	94,158	65,697	173,761	(D)
	Value added, adjusted..do....	1,482,604	122,035	117,252	157,079	235,673	195,904	177,541	142,426	95,214	239,480	(D)
	Value of shipments.....do....	2,533,227	218,805	193,482	259,293	396,754	337,070	320,238	246,028	147,778	413,779	(D)
	Capital expend., new...do....	98,916	20,965	9,650	11,142	11,244	7,726	7,700	9,463	5,805	15,221	(D)
2752	Printing: lithographic:											
	Number of establishments.....	3,746	1,321	703	696	624	224	135	31	10	2	...
	All employees:											
	Number.....	89,678	2,740	4,778	9,439	18,985	15,044	20,327	10,177	8,188	(D)	...
	Payroll.....\$1,000..	519,506	12,167	24,114	51,031	112,167	91,232	122,394	58,524	47,877	(D)	...
	Value added, adjusted..do....	797,397	28,607	40,080	81,358	170,501	131,605	184,949	91,822	68,475	(D)	...
	Value of shipments.....do....	1,341,551	53,264	69,636	137,564	279,517	225,676	310,208	154,112	111,574	(D)	...
	Capital expend., new...do....	51,541	3,203	3,119	5,711	12,781	8,439	7,803	6,727	3,758	(D)	...
2753	Engraving and plate printing:											
	Number of establishments.....	528	215	117	94	73	16	10	2	...	1	...
	All employees:											
	Number.....	9,047	459	796	1,342	2,082	1,155	1,306	1,907	...	(D)	...
	Payroll.....\$1,000..	43,115	1,769	3,321	6,480	9,488	4,626	5,702	11,729	...	(D)	...
	Value added, adjusted..do....	64,471	4,217	5,298	9,718	14,272	6,433	8,755	15,778	...	(D)	...
	Value of shipments.....do....	87,202	6,057	7,594	12,660	19,234	8,909	12,604	20,144	...	(D)	...
	Capital expend., new...do....	3,596	(1)	(1)	(1)	785	(1)	(1)	1,186	...	(D)	...
2761	Manifold business forms:											
	Number of establishments.....	704	539			74	36	34	14	6	1	...
	All employees:											
	Number.....	23,618	2,841			2,302	2,545	5,409	4,810	5,711	(D)	...
	Payroll.....\$1,000..	120,945	12,311			11,759	12,192	26,565	24,886	33,232	(D)	...
	Value added, adjusted..do....	245,229	23,318			23,199	25,608	54,941	54,757	63,406	(D)	...
	Value of shipments.....do....	405,731	42,152			38,552	43,626	91,259	89,152	100,990	(D)	...
	Capital expend., new...do....	14,755	3,163			1,941	3,066	2,112	2,838	1,635	(D)	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies. <sup>R</sup>Revised

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Receipts, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product receipts			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
						Col. E Col. B+C (percent)				Col. G Col. F (percent)
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	(E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	(I)
2751	Printing: letterpress.....1958..	2,533,227	2,057,381	396,097	79,799	84	2,513,138	2,057,381	455,757	82
2752	Printing: lithographic.....1958..	1,341,551	1,022,181	275,445	43,925	79	1,294,281	1,022,181	272,100	79
2753	Engraving and plate printing....1958..	87,202	77,169	6,774	3,259	92	93,717	77,169	16,548	82
	1954..	60,084	55,330	3,933	2,031	93	70,398	55,330	15,068	79
2761	Manifold business forms.....1958..	405,731	352,251	34,399	19,081	91	392,883	352,251	40,632	90

<sup>R</sup>Revised

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.



Table 5B.—Industry-Product Analysis--Receipts by Product Class and Industry, for the United States: 1958

(In thousands of dollars. Each column shows, for the industry named in the column heading, the total value of shipments divided among: (a) commercial printing and manifold business forms, (b) other products, and (c) miscellaneous receipts. Each figure represents the amount of the product class shown on the left shipped by the industry named at the top of the column. The first four digits of the product class codes at the left represent the codes of the industries to which they are primary. All other product classes in a column represent products secondary to the specified industry. The last column shows the total value of shipments by product classes reported by all manufacturing establishments wherever classified. They thus correspond to the totals shown in table 6A.)

Prod. class code	Class of products and miscellaneous receipts	Printing: letter-press (SIC 2751)	Printing: lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)	News-papers (SIC 2711)	Book printing (SIC 2732)	Blank-books; loose-leaf binders (SIC 2782)	Bags, except textile bags (SIC 2643)	Paper and board products, nec (SIC 2649)	Other industries	All industries
	Total shipments of the industry..	2,533,227	2,341,551	87,202	2,405,731	xxx	xxx	xxx	xxx	xxx	xxx	xxx
275-276-	Commercial printing and manifold business forms.....	2,250,673	1,185,479	81,065	2,381,523	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Letterpress:											
27511	Magazines and periodical printing	429,737	6,052	(1)	(1)	2,867	15,488	820	...	(D)	<sup>2</sup> 5,644	460,608
27512	Labels and wrappers printing....	187,224	9,412	(D)	329	(D)	464	(1)	20,959	8,509	<sup>3</sup> 19,718	246,595
27513	Catalogs and directories printing	111,379	7,865	...	166	9,694	5,348	(1)	...	...	1,723	136,175
27514	Financial and legal printing....	56,605	8,674	376	138	869	1,477	2,776	...	...	246	71,161
27515	Advertising printing.....	230,712	59,519	149	1,211	7,738	9,139	659	...	(1)	<sup>4</sup> 10,619	319,746
27516	Other general job printing.....	390,400	41,420	2,184	10,291	85,364	5,340	2,717	(D)	6,221	<sup>5</sup> 30,190	574,127
27517	Publication printing (gravure)....	225,227	1,506	...	278	2,155	607	...	...	...	346	230,119
27518	Other gravure printing.....	159,503	7,882	(1)	590	2,183	(D)	(1)	2,730	(D)	<sup>6</sup> 16,832	189,720
27519	Screen process printing, except textiles.....	45,368	5,071	(D)	...	(1)	(1)	(D)	(D)	...	7,2810	53,249
27510	Commercial printing, except lithographic, not specified by kind....	220,506	1,235	(1)	624	3,880	434	(D)	(D)	...	4,959	231,638
	Lithographic:											
27521	Magazines and periodicals, printing.....	10,475	68,965	...	142	...	6,791	(1)	...	...	779	87,152
27522	Labels and wrappers printing....	11,324	102,379	(1)	170	...	475	(1)	4,456	...	<sup>7</sup> 4,610	123,414
27523	Catalogs and directories printing	13,124	51,431	...	753	...	9,773	(1)	...	(D)	555	75,636
27524	Financial and legal printing....	11,791	33,091	(D)	339	(D)	137	3,112	...	(1)	1,559	50,029
27525	Advertising printing.....	55,944	498,720	403	1,135	(D)	16,732	1,053	...	(1)	3,331	577,318
27526	Other commercial printing.....	67,449	174,700	609	8,704	9,126	6,537	995	...	(1)	<sup>8</sup> 11,439	279,559
27527	Lithographic plates made for others.....	677	60,564	175	186	...	(1)	...	...	...	<sup>10</sup> 6,350	67,952
27520	Commercial printing, lithographic, not specified by kind.....	233	232,331	...	206	...	...	...	...	...	451	233,221
27530	Engraving and plate printing.....	3,300	2,214	77,169	141	390	1,810	595	...	(1)	<sup>11</sup> 8,098	93,717
27611	Continuous business forms.....	2,768	5,030	...	161,340	...	(1)	(D)	...	...	(1)	169,209
27612	Unit set forms.....	12,274	7,382	(1)	139,300	...	213	369	...	...	(1)	159,551
27613	Sales and other manifold books....	4,336	3,263	...	34,929	...	(1)	(D)	...	...	2,707	45,235
	Other products.....	202,755	108,368	2,878	28,996	xxx	xxx	xxx	xxx	xxx	xxx	xxx
26432	Specialty bags and liners.....	16,373	...	...	...	xxx	xxx	xxx	xxx	xxx	xxx	xxx
26495	Other converted paper and board products.....	8,724	...	...	...	xxx	xxx	xxx	xxx	xxx	xxx	xxx
26510	Folding paperboard boxes.....	2,401	8,395	...	...	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2721-	Periodicals: publishing, publishing and printing.....	10,510	1,226	...	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2731-	Books; publishing and printing....	1,243	161	...	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2732-	Book printing.....	80,309	58,458	(1)	2,484	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2741-	Miscellaneous publishing.....	2,077	1,639	...	...	xxx	xxx	xxx	xxx	xxx	xxx	xxx
27711	Greeting cards, publishers' sales..	2,475	2,196	...	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
27712	Greeting cards, printed for publication by others.....	1,159	8,133	(1)	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2782-	Blankbooks; loose-leaf binders....	9,971	8,689	(1)	1,241	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2789-	Bookbinding and related work.....	5,836	2,552	...	438	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2791-	Typesetting.....	5,729	1,868	(1)	(1)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2793-	Photoengraving.....	1,418	3,382	750	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2794-	Electrotyping and stereotyping....	2,547	285	378	(D)	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	<sup>12</sup> 51,983	<sup>13</sup> 11,384	1,750	<sup>14</sup> 4,853	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts, total.....	79,799	43,925	3,259	19,081	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	61,948	27,623	1,983	17,300	xxx	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	17,851	16,302	1,276	1,781	xxx	xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures of individual companies.

<sup>†</sup>Revised

<sup>1</sup>Less than \$100 thousand and included with "Other industries."

<sup>2</sup>Includes \$3.7 million reported by Industry 2721, Periodicals.

<sup>3</sup>Includes \$9.3 million from Industry 2641, Paper Coating and Glazing, and \$5.6 million shipped by Industry 2651, Folding Paperboard Boxes.

<sup>4</sup>Includes \$5.5 million reported by Industry 2721, Periodicals and \$1.8 million from Industry 2791, Typesetting.

<sup>5</sup>Includes \$4.5 million reported by Industry 2721, Periodicals, \$3.6 million from Industry 2645, Die Cut Paper and Board, \$3.6 million from Industry 2731, Books; Publishing and Printing, and \$4.5 million from Industry 3571, Computing and Related Machines.

<sup>6</sup>Includes \$7.6 million reported by Industry 3497, Metal Foil and Leaf and \$4.2 million from Industry 2641, Paper Coating and Glazing.

<sup>7</sup>Includes \$2.2 million reported by Industry 3993, Signs and Advertising Display.

<sup>8</sup>Includes \$3.7 million reported by Industry 2651, Folding Paperboard Boxes.

<sup>9</sup>Includes \$5 million reported by Industry 2771, Greeting Cards.

<sup>10</sup>Includes \$3.6 million reported by Industry 2793, Photoengraving.

<sup>11</sup>Includes \$2.5 million reported by Industry 3911, Jewelry, Precious Metal, and \$2 million from Industry 2794, Electrotyping and Stereotyping.

<sup>12</sup>Of this total \$11.3 million were products of Industry 3497, Metal Foil and Leaf, \$3.7 million were products of Industry 2641, Paper Coating and Glazing, and \$3.5 million were products of Industry 2645, Die Cut Paper and Board.

<sup>13</sup>Includes the following product class for which shipments totaled \$2 million or more, but for which the exact figure is withheld to avoid disclosing individual company figures: 26530, Corrugated and Solid Fiber Boxes.

<sup>14</sup>Includes the following product class for which shipments totaled \$2 million or more, but for which the exact figure is withheld to avoid disclosing individual company figures: 35790, Office Machines, NEC.



Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Value of receipts (\$1,000)	
		1958	1954
2751---	Commercial printing, except lithographic, total.....	2,513,138	1,905,757
	Letterpress process:		
2751113	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	460,608	361,970
27512--	Labels and wrappers printing.....	246,595	<sup>1</sup> 124,793
	Labels, custom and stock printed (including flexographic) made of paper or foil (excluding labels made of fabric):		
2751211	Flat.....	123,307	<sup>1</sup> 124,793
2751213	Roll.....	15,960	
2751215	Decal.....	1,216	
	Wrappers or wraps (printed rolls and sheets, except oiled, waxed, laminated or coated structures):		
2751231	Cellophane (flexographic printed).....	57,774	<sup>1</sup> 124,793
2751233	Paper (letterpress printed).....	31,350	
2751239	Other, including polyethylene (flexographic printed).....	16,988	
27513--	Catalogs and directories printing.....	136,175	106,003
2751311	Catalogs.....	57,160	106,003
2751315	Directories of all types.....	64,723	
2751300	Catalogs and directories, not reported separately.....	14,292	
2751421	Financial and legal printing, except checkbooks (including bank forms, imprinting of bank checks, insurance forms, security certificates, etc.).....	71,161	( <sup>2</sup> )
27515--	Advertising printing.....	319,746	( <sup>2</sup> )
2751511	Direct mail (including circulars, letters, pamphlets, cards, and printed envelopes).....	179,837	( <sup>2</sup> )
2751521	Display advertising (posters, car cards, window, counter and floor displays, and other printed display material).....	28,442	( <sup>2</sup> )
2751598	Other advertising printing (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.).....	98,914	( <sup>2</sup> )
2751500	Advertising printing, not specified by kind.....	12,553	( <sup>2</sup> )
27516--	Other general job printing.....	574,127	(NA)
2751611	Maps, atlases, and globe covers (includes road maps and strip maps).....	229	<sup>3</sup> 3,653
2751621	Seals, except hand painted: Christmas, birthday, valentine, Easter, etc.....	775	(NA)
2751625	Picture post cards and souvenir cards (excluding advertising- direct mail, and reply cards).....	2,553	8,061
2751627	Seals, except Christmas, etc., but including trading stamps.....	8,827	( <sup>2</sup> )
2751631	Tickets (including transportation and amusement).....	13,431	( <sup>4</sup> )
2751634	Food and beverage checks.....	4,864	( <sup>4</sup> )
2751641	Newspapers, ready prints (patent sides), shopping news, and market circulars.....	110,009	48,924
2751651	Decalcomanias.....	1,792	<sup>2</sup> 2,120
2751671	Other business forms (including cut single manifold forms, loose or padded, but excluding blank-book and looseleaf forms).....	103,533	(NA)
2751675	Tags, printed, including embossing.....	29,628	( <sup>5</sup> )
2751681	Playing cards.....	9,877	( <sup>6</sup> )
2751691	Printing on metal.....	1,779	( <sup>2</sup> )
2751692	Coupons.....	4,607	( <sup>4</sup> )
2751693	Calendars and calendar pads.....	37,995	<sup>3</sup> 34,444
2751698	All other general commercial letterpress printing (including "job" printing).....	174,654	<sup>7</sup> 557,450
2751636	Commercial letterpress printing, not specified by kind of product, reported by publishers.....	69,574	284,526
27517--	Gravure publication printing.....	230,119	104,259
2751711	Newspapers, ready prints (patent sides), shopping news, and market circulars.....	6,548	39,495
2751731	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	<sup>9</sup> 182,976	45,503
2751774	Catalogs and directories <sup>10</sup> .....	40,595	19,261
2751776			
27518--	Other gravure printing.....	189,720	45,921
	Labels:		
2751820	Flat.....	46,157	45,921
2751824	Roll.....	25,723	
	Wrappers or wraps:		
2751831	Cellophane and other (including polyethylene).....	23,900	(NA)
2751835			
2751832	Paper.....	12,780	
2751837	Advertising printing, except direct-mail and display.....	34,038	(NA)
2751851	Financial and legal printing, except checkbooks.....	5,737	( <sup>2</sup> )
2751871	Gravure plates made for others.....	14,645	13,867
2751898	All other general commercial gravure printing (includes "job" printing).....	24,298	45,498
2751810	Gravure printing, except publication, not specified by kind.....	2,442	2,299
27519--	Screen process printing, except textiles.....	53,249	(NA)
2751911	Decalcomanias.....	9,345	11,201
2751915	Silk screen decal labels, custom and stock printed made of paper or foil (excluding labels made of fabric).....	7,830	( <sup>1</sup> )
2751921	Display advertising (posters, car cards, window, counter, and floor displays, and other printed display material).....	24,893	16,021
2751929	Other advertising screen process printing.....	5,835	
2751998	All other general commercial screen process printing (including "job" printing).....	5,346	
2751000	Commercial printing, except lithographic, not specified by process or kind of product.....	231,638	110,593

See footnotes at end of table.

Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Value of receipts (\$1,000)		
		1958	1954	
2752---	Commercial printing (lithographic), total.....	1,290,412	853,571	
2752111	Magazines and periodicals (including magazine and comic supplements for Sunday newspapers).....	87,152	34,195	
27522--	Labels and wrappers printing.....	123,414	98,019	
	Labels, custom and stock printed, made of paper or foil (excluding labels made of fabric):			
2752211	Flat.....	91,405	198,019	
2752215	Roll.....	1,477		
2752223	Decal labels.....	6,500		
	Wrappers or wraps (printed rolls and sheets, except oiled, waxed, laminated or coated structures):			
2752234	Paper.....	18,313	5,719	
2752231	Cellophane and other (including polyethylene) <sup>10</sup> .....	5,719		
2752239				
27523--	Catalogs and directories printing.....	75,636	50,452	
2752311	Catalogs.....	62,498	50,452	
2752331	Directories of all types.....	13,138		
2752411	Financial and legal printing, except checkbooks (including bank forms, imprinting of bank checks, insurance forms, security certificates, etc.).....	50,029	(11)	
27525--	Advertising printing.....	577,318	(11)	
2752511	Direct mail (including circulars, letters, pamphlets, cards, and printed envelopes).....	266,301	(11)	
2752531	Display advertising (posters, car cards, window, counter and floor displays and other printed display material).....	101,592	(11)	
2752551	Other advertising printing (including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.).....	209,425	(11)	
27526--	Other commercial printing.....	279,559	(NA)	
2752611	Newspapers, ready prints (patent sides), shopping news, and market circulars.....	21,559	2,481	
2752621	Maps, atlases, and globe covers (including road maps and strip maps).....	7,552	4,082	
2752631	Seals, except hand painted: Christmas, birthday, Valentine, Easter, etc.....	1,284	(11)	
2752635	Picture post cards and souvenir cards (excluding advertising, direct mail and reply cards).....	3,349	4,507	
2752637	Seals, except Christmas, etc., but including trading stamps.....	4,937	(11)	
2752641	Coupons.....	1,488	(4)	
2752643	Calendars and calendar pads.....	26,460	32,222	
2752645	Tickets (including transportation and amusement).....	1,069	(4)	
2752647	Playing cards.....	12,484	(6)	
2752651	Decalcomanias.....	9,257	11,339	
2752661	Food and beverage checks.....	422	(11)	
2752678	Tags.....	846	(5)	
2752681	Printing on metal.....	14,619	(11)	
2752696	Other business forms (including cut single manifold forms, loose or padded, but excludes blankbooks and looseleaf forms).....	56,774	(NA)	
2752698	All other general commercial lithographic printing (including "job" printing).....	96,366	7469,484	
2752610	Commercial lithographic printing, including "job," not specified by kind of products, reported by publishers <sup>8</sup> .....	21,093	(12)	
2752711	Lithographic plates made for others.....	67,952	40,952	
2752000	Commercial lithographic printing, including "job," not specified by kind of products, reported by printers.....	133,221	7104,136	
2753---	Engraving and plate printing, total.....	93,717	70,398	
	Engraving, except photoengraving:			
2753012	Security (certificates, etc.).....	17,789	70,398	
2753022	Social (announcements, etc.).....	11,486		
2753032	Commercial (calling cards, etc.).....	20,360		
2753052	Other.....	6,413		
	Duplicate plates for letterpress (see Industry 2794 for electrotyping, stereotyping and matrixes):			
2753071	Rubber plates.....	6,154	14,557	
2753075	Other.....	14,557		
2753000	Engraving (steel and copperplate, rubber, wood), and plate printing, not specified by kind <sup>8</sup> .....	16,958		
		Value of receipts (\$1,000)		
		1958	1954	
2761---	Manifold business forms manufacturing, total.....	1373,995	(13)	
27611--	Continuous business forms.....	169,209	(13)	
	Strip:			
2761111	Imprinted stock forms.....	12,672	(13)	
2761115	Stock forms.....	18,803	(13)	
2761119	Specially printed (produced to individual order).....	92,373	(13)	
2761131	Fanfold.....	17,695	(13)	
2761151	Autographic register.....	24,498	(13)	
2761171	Spirit duplicating, paper plates, one part only.....	214	(13)	
2761100	Continuous business forms, not distributed by kind <sup>8</sup> .....	2,954	(13)	

See footnotes at end of table.



Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Value of receipts. (\$1,000)	
		1958	1954
2761---	Manifold business forms manufacturing--Continued		
27612--	Unit-set forms (snap-out types, either loose or bound).....	159,551	(13)
2761211	Stocks (including imprinted).....	24,766	(13)
2761251	Specially printed (produced to individual order).....	126,312	(13)
2761200	Unit-set forms, not distributed by kind <sup>6</sup> .....	8,473	(13)
27613--	Sales and other manifold books, except food and beverage checks.....	45,235	(13)
2761311	Stock (not including imprinted).....	11,240	(13)
2761312	Special printed (produced to individual order).....	31,975	(13)
2761300	Sales and other manifold books, not distributed by type <sup>8</sup> .....	2,020	(13)

Note: Excludes products manufactured by facilities operated by the Government Printing Office, Department of Defense, or at Federal, District of Columbia, and State prisons. See the Special Report on Manufacturing Activity in Government Establishments.

NA Not available. <sup>†</sup>Revised

<sup>1</sup>In 1954, decal labels were included with decalcomanias (1958 product codes 2751651 and 2752651)

<sup>2</sup>Included in "All other general commercial letterpress printing" (1958 product code 2751698).

<sup>3</sup>For 1954, small values by gravure process were reported but were combined with the letterpress process to avoid disclosing individual company figures.

<sup>4</sup>Not reported separately in 1954. Combined values for tickets and coupons were \$24,154 thousand, letterpress, and \$1,702,000 thousand, lithographic.

<sup>5</sup>In 1954, "Tags, printed," both lithographic and letterpress printed were combined with unprinted tags for a total of \$35,817 thousand.

<sup>6</sup>In 1954, "Playing cards, printed," were published as one figure for both letterpress and lithographic printed for a total of \$20,704 thousand.

<sup>7</sup>Not comparable with 1958. Includes a significant amount of receipts which should have been reported as specific products, in addition to products not requested separately in 1954, i.e., advertising printing and financial and legal printing.

<sup>8</sup>Largely accounted for by small establishments (generally less than 10 employees) which were not asked to report a breakdown of these receipts by kind of product.

<sup>9</sup>Of this total \$95,350 thousand was reported by small establishments (generally less than 10 employees) which were asked to report this item separately. In 1954, this detail was not requested from these small establishments. Such printing was reported in letterpress printing not specified by kind.

<sup>10</sup>Combined to avoid disclosing the figures of individual companies.

<sup>11</sup>In 1954, these products were included in "All other general commercial lithography, including advertising circulars and pamphlets" (2652698).

<sup>12</sup>Included with product code 2752000 below.

<sup>13</sup>Corresponding 1954 figures are not included because "Other (than manifold) business forms" were included with manifold business forms in 1954 and, therefore, the data are not comparable.

Table 6B.--Value of Product Classes Reported by All Manufacturing Establishments,  
by Divisions and States for 1958

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.)

Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts
<u>Magazines and periodical printing</u> (letterpress) (27511):		<u>Labels and wrappers printing</u> (letterpress) (27512)--Continued		<u>Financial and legal printing</u> (letterpress) (27514)--Continued	
United States, total.....	460,608	East South Central.....	7,567	Pacific.....	4,644
New England.....	35,628	Kentucky.....	1,375	California.....	4,016
Massachusetts.....	4,198	Tennessee.....	4,629	<u>Advertising printing (letterpress)</u> (27515):	
Connecticut.....	23,593	West South Central.....	3,102	United States, total.....	319,746
Middle Atlantic.....	147,294	Texas.....	1,350	New England.....	23,241
New York.....	57,882	Pacific.....	26,266	Massachusetts.....	13,399
New Jersey.....	7,157	Washington.....	3,289	Connecticut.....	7,921
Pennsylvania.....	82,255	California.....	22,759	Middle Atlantic.....	129,707
East North Central.....	180,194	<u>Catalogs and directories printing</u> (letterpress) (27513):		New York.....	93,660
Ohio.....	56,674	United States, total.....	136,175	New Jersey.....	10,902
Indiana.....	10,249	New England.....	8,966	Pennsylvania.....	25,145
Illinois.....	102,676	Massachusetts.....	7,821	East North Central.....	86,148
Michigan.....	2,999	Middle Atlantic.....	38,975	Ohio.....	24,220
Wisconsin.....	7,596	New York.....	16,007	Indiana.....	8,425
West North Central.....	21,453	East North Central.....	48,529	Illinois.....	37,741
Minnesota.....	5,582	Ohio.....	3,914	Michigan.....	10,742
Iowa.....	1,255	Indiana.....	3,774	Wisconsin.....	5,020
Missouri.....	11,865	Illinois.....	34,689	West North Central.....	20,991
Kansas.....	2,005	Michigan.....	4,536	Minnesota.....	9,937
South Atlantic.....	30,422	Wisconsin.....	1,616	Iowa.....	2,459
Maryland.....	3,815	West North Central.....	8,904	Missouri.....	5,544
District of Columbia.....	17,521	Minnesota.....	2,727	Nebraska.....	1,416
Virginia.....	3,365	Iowa.....	2,050	Kansas.....	1,412
North Carolina.....	1,655	Missouri.....	3,112	South Atlantic.....	24,668
Georgia.....	1,534	South Atlantic.....	6,707	Maryland.....	4,896
Florida.....	1,332	Georgia.....	4,558	District of Columbia.....	2,513
East South Central.....	11,295	East South Central.....	4,404	Virginia.....	6,611
Kentucky.....	1,214	Kentucky.....	1,041	West Virginia.....	1,509
Tennessee.....	8,716	Tennessee.....	3,093	North Carolina.....	1,913
Alabama.....	1,115	West South Central.....	4,536	Georgia.....	3,764
West South Central.....	7,502	Pacific.....	14,592	Florida.....	2,172
Louisiana.....	1,192	California.....	13,461	East South Central.....	6,663
Texas.....	5,392	<u>Financial and legal printing</u> (letterpress) (27514):		Kentucky.....	1,961
Mountain.....	5,483	United States, total.....	71,161	Tennessee.....	3,325
Colorado.....	1,078	New England.....	5,853	West South Central.....	8,956
Pacific.....	21,337	Massachusetts.....	3,903	Louisiana.....	1,076
California.....	20,022	Connecticut.....	1,419	Texas.....	6,637
<u>Labels and wrappers printing</u> (letterpress) (27512):		Middle Atlantic.....	30,437	Mountain.....	3,105
United States, total.....	246,595	New York.....	25,585	Colorado.....	1,023
New England.....	18,642	New Jersey.....	1,692	Pacific.....	16,267
Massachusetts.....	13,089	Pennsylvania.....	3,160	Washington.....	1,017
Connecticut.....	1,180	East North Central.....	14,324	California.....	14,723
Middle Atlantic.....	72,117	Ohio.....	3,188	<u>Other general job printing</u> (letterpress) (27516):	
New York.....	37,014	Illinois.....	6,401	United States, total.....	574,127
New Jersey.....	10,812	Michigan.....	3,523	New England.....	39,995
Pennsylvania.....	24,291	West North Central.....	4,408	Maine.....	1,528
East North Central.....	69,927	Missouri.....	1,898	New Hampshire.....	1,029
Ohio.....	21,769	South Atlantic.....	4,178	Massachusetts.....	25,274
Indiana.....	2,387	Maryland.....	1,242	Rhode Island.....	2,304
Illinois.....	21,474	East South Central.....	2,549	Connecticut.....	9,162
Michigan.....	10,907	Kentucky.....	1,044	Middle Atlantic.....	136,337
Wisconsin.....	13,390	West South Central.....	2,481	New York.....	77,830
West North Central.....	14,101	Texas.....	1,711	New Jersey.....	19,881
Minnesota.....	1,506	Mountain.....	2,287	Pennsylvania.....	38,626
Missouri.....	8,625	Colorado.....	1,433	East North Central.....	166,424
South Atlantic.....	34,318			Ohio.....	52,534
Maryland.....	6,656			Indiana.....	10,824
North Carolina.....	7,175			Illinois.....	67,193
Georgia.....	15,808			Michigan.....	24,632
Florida.....	1,844			Wisconsin.....	11,241

See footnotes at end of table.



Table 6B.--Value of Product Classes Reported by All Manufacturing Establishments,  
by Divisions and States for 1958--Continued

Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts
<u>Other general job printing</u> <u>(letterpress) (27516)--Continued</u>		<u>Publication printing (gravure)</u> <u>(27517)--Continued</u>		<u>Screen process printing, except</u> <u>textiles (27519)--Continued</u>	
West North Central.....	68,599	West South Central.....	7,765	West South Central.....	2,761
Minnesota.....	26,486	Louisiana.....	1,131	Texas.....	1,466
Iowa.....	11,499	Oklahoma.....	1,486	Pacific.....	7,506
Missouri.....	16,382	Texas.....	4,891	California.....	6,568
North Dakota.....	2,009	Mountain.....	3,509	<u>Magazines and periodicals printing</u> <u>(lithographic) (27521):</u>	
South Dakota.....	1,237	New Mexico.....	1,461	United States, total.....	87,152
Nebraska.....	6,116	Pacific.....	20,127	New England.....	4,308
Kansas.....	4,870	Washington.....	1,381	Massachusetts.....	1,196
South Atlantic.....	48,713	California.....	17,947	Connecticut.....	1,159
Delaware.....	2,134	<u>Other gravure printing (27518):</u>		Middle Atlantic.....	19,057
Maryland.....	9,152	United States, total.....	189,720	New York.....	12,870
District of Columbia.....	6,219	New England.....	12,501	New Jersey.....	2,022
Virginia.....	6,581	Massachusetts.....	9,174	Pennsylvania.....	4,165
West Virginia.....	2,908	Connecticut.....	1,793	East North Central.....	20,634
North Carolina.....	4,447	Middle Atlantic.....	53,444	Ohio.....	6,439
South Carolina.....	2,433	New York.....	22,347	Illinois.....	6,590
Georgia.....	6,209	New Jersey.....	17,917	Michigan.....	3,406
Florida.....	8,630	Pennsylvania.....	13,180	Wisconsin.....	3,292
East South Central.....	17,670	East North Central.....	65,234	West North Central.....	6,837
Kentucky.....	4,303	Ohio.....	27,965	Minnesota.....	2,327
Tennessee.....	7,531	Indiana.....	3,350	Missouri.....	2,926
Alabama.....	4,478	Illinois.....	12,318	South Atlantic.....	12,239
Mississippi.....	1,358	Michigan.....	5,399	District of Columbia.....	3,139
West South Central.....	27,224	Wisconsin.....	16,202	North Carolina.....	1,044
Arkansas.....	3,880	West North Central.....	20,092	Georgia.....	2,315
Louisiana.....	5,043	Minnesota.....	1,204	Florida.....	1,333
Oklahoma.....	2,148	Iowa.....	1,157	East South Central.....	10,989
Texas.....	16,153	Missouri.....	16,663	West South Central.....	2,493
Mountain.....	14,142	South Atlantic.....	13,557	Texas.....	1,790
Montana.....	3,675	Maryland.....	2,058	Mountain.....	2,550
Idaho.....	1,378	Virginia.....	1,292	Pacific.....	8,045
Colorado.....	4,674	North Carolina.....	5,201	Washington.....	1,133
Arizona.....	1,512	Florida.....	1,823	California.....	6,543
Utah.....	1,240	East South Central.....	4,467	<u>Labels and wrappers printing</u> <u>(lithographic) (27522):</u>	
Pacific.....	55,023	Kentucky.....	3,018	United States, total.....	123,414
Washington.....	6,295	West South Central.....	3,630	New England.....	5,262
Oregon.....	3,422	Texas.....	2,514	Massachusetts.....	2,370
California.....	45,306	Mountain.....	1,578	Connecticut.....	2,779
<u>Publication printing (gravure)</u> <u>(27517):</u>		Pacific.....	15,217	Middle Atlantic.....	35,952
United States, total.....	230,119	Washington.....	1,793	New York.....	25,905
New England.....	9,497	California.....	13,045	New Jersey.....	6,274
Massachusetts.....	6,117	<u>Screen process printing, except</u> <u>textiles (27519):</u>		Pennsylvania.....	3,773
Connecticut.....	1,538	United States, total.....	53,249	East North Central.....	37,074
Middle Atlantic.....	72,336	New England.....	1,643	Ohio.....	7,403
New York.....	19,884	Massachusetts.....	1,099	Illinois.....	18,755
New Jersey.....	24,528	Middle Atlantic.....	13,573	Michigan.....	3,059
Pennsylvania.....	27,964	New York.....	8,099	Wisconsin.....	7,286
East North Central.....	81,669	New Jersey.....	3,119	West North Central.....	8,178
Ohio.....	8,865	Pennsylvania.....	2,355	Minnesota.....	2,547
Indiana.....	3,020	East North Central.....	20,720	Missouri.....	3,545
Illinois.....	61,050	Ohio.....	2,415	South Atlantic.....	8,179
Michigan.....	5,340	Indiana.....	1,138	Maryland.....	3,051
Wisconsin.....	3,394	Illinois.....	10,729	North Carolina.....	1,535
West North Central.....	9,492	Michigan.....	4,161	East South Central.....	1,012
Minnesota.....	1,486	Wisconsin.....	2,277	Pacific.....	26,754
Iowa.....	1,127	West North Central.....	3,685	California.....	25,924
Missouri.....	4,733	Minnesota.....	1,769		
South Atlantic.....	13,974	Missouri.....	1,509		
Maryland.....	3,578	South Atlantic.....	1,935		
District of Columbia.....	1,138	East South Central.....	1,219		
Virginia.....	1,709				
North Carolina.....	1,695				
Georgia.....	1,892				
Florida.....	2,621				
East South Central.....	11,750				
Kentucky.....	8,562				
Tennessee.....	1,319				

See footnotes at end of table.

Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments,  
by Divisions and States for 1958--Continued

Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts
<u>Catalogs and directories printing</u> (lithographic) (27523):		<u>Advertising printing (litho-</u> <u>graphic) (27525):</u>		<u>Other commercial printing (litho-</u> <u>graphic) (27526)--Continued</u>	
United States, total.....	75,636	United States, total.....	577,318	West North Central.....	29,053
New England.....	6,155	New England.....	28,598	Minnesota.....	14,669
Massachusetts.....	3,364	Massachusetts.....	18,914	Iowa.....	1,119
Middle Atlantic.....	16,619	Rhode Island.....	2,046	Missouri.....	9,233
New York.....	9,656	Connecticut.....	6,965	Nebraska.....	2,177
New Jersey.....	1,521	Middle Atlantic.....	204,384	Kansas.....	1,319
Pennsylvania.....	5,442	New York.....	141,108	South Atlantic.....	21,743
East North Central.....	33,652	New Jersey.....	23,041	Maryland.....	5,090
Ohio.....	5,179	Pennsylvania.....	40,235	District of Columbia.....	2,427
Illinois.....	13,289	East North Central.....	198,667	Virginia.....	3,067
Michigan.....	7,188	Ohio.....	38,911	West Virginia.....	1,322
West North Central.....	4,394	Indiana.....	12,652	North Carolina.....	1,949
Missouri.....	2,714	Illinois.....	93,307	Georgia.....	2,303
South Atlantic.....	2,683	Michigan.....	32,837	Florida.....	4,673
Maryland.....	1,286	Wisconsin.....	20,960	East South Central.....	8,820
East South Central.....	2,054	West North Central.....	44,298	Kentucky.....	1,416
Kentucky.....	1,219	Minnesota.....	17,343	Tennessee.....	3,817
West South Central.....	2,741	Iowa.....	2,896	Alabama.....	3,190
Texas.....	1,685	Missouri.....	19,299	West South Central.....	12,445
Mountain.....	1,463	Nebraska.....	2,333	Arkansas.....	1,110
Colorado.....	1,313	Kansas.....	2,286	Louisiana.....	1,243
Pacific.....	5,875	South Atlantic.....	21,369	Oklahoma.....	1,898
California.....	4,296	Delaware.....	1,101	Texas.....	8,194
<u>Financial and legal printing</u> (lithographic) (27524):		Maryland.....	3,826	Mountain.....	6,117
United States, total.....	50,029	District of Columbia.....	3,306	Colorado.....	3,012
New England.....	6,906	Virginia.....	3,028	Pacific.....	22,644
Massachusetts.....	5,533	North Carolina.....	1,606	Washington.....	1,926
Connecticut.....	1,167	Georgia.....	3,734	Oregon.....	2,041
Middle Atlantic.....	12,324	Florida.....	4,020	California.....	18,677
New York.....	8,638	East South Central.....	10,219	<u>Lithographic plates made for</u> <u>others (27527):</u>	
Pennsylvania.....	3,412	Kentucky.....	6,298	United States, total.....	67,952
East North Central.....	11,699	Tennessee.....	2,815	New England.....	2,323
Ohio.....	2,547	West South Central.....	12,527	Middle Atlantic.....	21,780
Illinois.....	8,288	Oklahoma.....	1,194	New York.....	14,678
West North Central.....	3,788	Texas.....	10,031	New Jersey.....	4,128
Missouri.....	1,771	Mountain.....	4,294	Pennsylvania.....	2,974
Nebraska.....	1,079	Colorado.....	2,130	East North Central.....	27,047
South Atlantic.....	2,277	Arizona.....	1,009	Ohio.....	6,540
East South Central.....	1,922	Pacific.....	52,962	Illinois.....	12,620
West South Central.....	3,310	Washington.....	3,725	Michigan.....	1,977
Texas.....	2,957	Oregon.....	2,271	Wisconsin.....	5,110
Mountain.....	2,314	California.....	46,966	West North Central.....	5,271
Colorado.....	1,351	<u>Other commercial printing (litho-</u> <u>graphic) (27526):</u>		Minnesota.....	2,044
Pacific.....	5,489	United States, total.....	279,559	Missouri.....	2,541
California.....	4,609	New England.....	15,688	South Atlantic.....	3,574
		Massachusetts.....	8,975	District of Columbia.....	1,327
		Rhode Island.....	2,281	East South Central.....	1,164
		Connecticut.....	3,639	Pacific.....	5,675
		Middle Atlantic.....	73,387	California.....	4,887
		New York.....	45,632	<u>Continuous business forms (27611):</u>	
		New Jersey.....	5,437	United States, total.....	169,209
		Pennsylvania.....	22,318	New England.....	11,301
		East North Central.....	89,662	Massachusetts.....	4,423
		Ohio.....	29,511	Middle Atlantic.....	47,759
		Indiana.....	6,120	New York.....	32,499
		Illinois.....	41,094	New Jersey.....	7,594
		Michigan.....	8,272	Pennsylvania.....	7,666
		Wisconsin.....	4,665		

See footnotes at end of table.



Table 6B.—Value of Product Classes Reported by All Manufacturing Establishments,  
by Divisions and States for 1958--Continued

Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts	Product class, region, and State <sup>1</sup>	Value of receipts
<u>Continuous business forms</u> (27611)--Continued		<u>Unit-set forms (27612)--Continued</u>		<u>Unit-set forms (27612)--Continued</u>	
East North Central.....	64,370	East North Central.....	36,929	Mountain.....	1,744
Ohio.....	40,158	Ohio.....	13,921	Pacific.....	28,681
Illinois.....	19,031	Indiana.....	3,133	Washington.....	1,414
Michigan.....	3,540	Illinois.....	14,298	California.....	22,977
West North Central.....	6,802	Michigan.....	2,643		
Missouri.....	2,492	Wisconsin.....	2,934	<u>Sales and other manifold books</u> (27613):	
South Atlantic.....	8,559	West North Central.....	12,767	United States, total.....	45,235
East South Central.....	1,682	Minnesota.....	1,262	New England.....	1,077
West South Central.....	7,800	Missouri.....	5,912	Massachusetts.....	1,051
Texas.....	6,977	Kansas.....	1,354	Middle Atlantic.....	7,308
Pacific.....	20,708	South Atlantic.....	19,661	New York.....	7,016
California.....	20,199	North Carolina.....	3,206	East North Central.....	14,780
<u>Unit-set forms (27612):</u>		Georgia.....	2,174	Ohio.....	10,039
United States, total.....	159,551	Florida.....	1,630	West North Central.....	4,421
New England.....	9,738	East South Central.....	5,411	South Atlantic.....	4,908
Massachusetts.....	4,717	Tennessee.....	3,456	East South Central.....	2,272
Connecticut.....	4,701	Alabama.....	1,433	West South Central.....	1,716
Middle Atlantic.....	32,799	West South Central.....	11,821	Texas.....	1,476
New York.....	18,371	Oklahoma.....	1,052	Pacific.....	8,456
New Jersey.....	3,865	Texas.....	8,474	California.....	8,323
Pennsylvania.....	10,563				

<sup>1</sup>Revised

<sup>2</sup>For the specified product classes, shipments of over a million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27511, New Hampshire, Delaware, and Utah; 27512, New Hampshire, Rhode Island, Nebraska, Virginia, and Alabama; 27513, New Jersey, Pennsylvania, and Texas; 27514, Alabama; 27521, Rhode Island, Maryland, and Kentucky; 27522, Nebraska, and Virginia; 27523, New Hampshire, Indiana, Wisconsin, and Washington; 27611, New Hampshire, Connecticut, Iowa, and Maryland; 27612, Iowa, Maryland, Virginia, Arkansas, and Oregon; 27613, Illinois, Michigan, Nebraska, Kansas, Maryland, and Kentucky.

Table 6C.-Commercial Printing Receipts, Product by Process: 1958

Products	Total (\$1,000)	Letter- press (\$1,000)	Litho- graphic (\$1,000)	Gravure (\$1,000)	Engraving, screen, and other (\$1,000)
Commercial printing, total <sup>1</sup> .....	3,897,267	2,040,050	1,290,412	419,839	146,966
Magazines and periodicals.....	729,765	460,608	87,152	182,005	...
Labels:					
Flat.....	260,869	123,307	91,405	46,157	...
Roll.....	43,160	15,960	1,477	25,723	...
Decal.....	15,546	1,216	6,500	...	27,830
Wrappers:					
Paper.....	62,443	31,350	18,313	12,780	...
Cellophane.....	3104,381	57,774	35,719	323,900	...
Other.....		16,988			
Catalogs.....	119,658	57,160	62,498	...	...
Directories.....	77,861	64,723	13,138	...	...
Catalogs and directories, not reported separately.....	54,887	14,292	...	40,595	...
Financial and legal printing, except checkbooks.....	122,755	66,989	50,029	5,737	...
Financial and legal printing, except checkbooks, not specified by kind.....	4,172	4,172	...	...	...
Direct mail.....	446,138	179,837	266,301	...	...
Display advertising.....	154,927	28,442	101,592	...	224,893
Other advertising printing.....	348,212	98,914	209,425	34,038	25,835
Advertising printing, not specified by kind.....	12,553	12,553	...	...	...
Maps, atlases, and globe covers.....	7,781	229	7,552	...	...
Seals, except hand printed, Christmas, Easter, birthday, Valentine, etc.....	2,059	775	1,284	...	...
Picture post cards and souvenir cards.....	5,902	2,553	3,349	...	...
Seals, except Christmas.....	13,764	8,827	4,937	...	...
Tickets.....	14,500	13,431	1,069	...	...
Food and beverage checks.....	5,286	4,864	422	...	...
Newspapers, ready prints.....	138,116	110,009	21,559	6,548	...
Decalcomanias.....	20,394	1,792	9,257	...	29,345
Business forms, other than manifold.....	160,307	103,533	56,774	...	...
Tags, printed.....	30,474	29,628	846	...	...
Playing cards.....	22,361	9,877	12,484	...	...
Printing on metal.....	16,398	1,779	14,619	...	...
Coupons.....	6,095	4,607	1,488	...	...
Calendars and calendar pads.....	64,455	37,995	26,460	...	...
All other general commercial printing, including "job printing".....	301,635	174,654	96,366	25,269	25,346
Commercial printing, not specified by kind.....	371,057	301,212	50,445	2,442	416,958
Gravure plates.....	14,645	...	...	14,645	...
Lithographic plates.....	67,952	...	67,952	...	...
Security (certificates, etc.).....	17,789	...	...	...	417,789
Social (announcement, etc.).....	11,486	...	...	...	411,486
Commercial (calling cards, etc.).....	20,360	...	...	...	420,360
Other (engraving).....	6,413	...	...	...	46,413
Rubber plates.....	6,154	...	...	...	6,154
Other duplicate plates for letterpress.....	14,557	...	...	...	14,557

<sup>1</sup>Does not include printing of books or greeting cards for others or the manufacturing of manifold business forms as these specialized printing activities are not classified as "Commercial printing" in the 1957 Standard Industrial Classification system. The following table indicates the 1958 volume of these specialized printing activities thus excluded from the above table.

Products	Total (\$1,000)	Letter- press (\$1,000)	Litho- graphic (\$1,000)	Other (\$1,000)
Total.....	851,911	xxx	xxx	xxx
Book and pamphlet printing and binding of books (published elsewhere).....	422,907	248,448	167,586	6,873
Greeting cards printed for others.....	38,119	19,630	18,022	467
Manifold business form manufacturing.....	396,752	(NA)	(NA)	(NA)

NA Not available.

<sup>2</sup>Screen printing.

<sup>3</sup>Combined to avoid disclosing the figures of individual companies.

<sup>4</sup>Engraving.



Table 7A.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	1958	1954	
		Delivered cost (\$1,000)	Quantity (short tons)	Delivered cost
INDUSTRY 2751—PRINTING: LETTERPRESS				
	Materials, containers, and supplies, total.....	862,560	xxx	715,571
261211	Newsprint.....	74,408	336,956	44,231
260021	All other paper and board.....	418,511	1,387,204	349,883
770099	Materials not specified <sup>1</sup> .....	79,926	(NA)	163,830
970000	All other materials, containers, and supplies consumed, including ink, metals, type, wrapping paper, etc.....	289,715	xxx	157,627
INDUSTRY 2752—PRINTING: LITHOGRAPHIC				
	Materials, containers, and supplies, total.....	423,692	xxx	313,344
261211	Newsprint.....	9,052	16,756	2,441
260021	All other paper and board.....	248,900	544,873	162,928
770099	Materials not specified <sup>1</sup> .....	32,729	(NA)	31,421
970000	All other materials, containers, and supplies consumed, including ink, metals, type, wrapping paper, etc.....	133,011	xxx	116,554
INDUSTRY 2753—ENGRAVING AND PLATE PRINTING				
	Materials, containers, and supplies, total.....	18,903	xxx	14,851
261211	Newsprint.....	...	(NA)	(NA)
260021	All other paper and board.....	7,887	(NA)	(NA)
970000	All other materials, containers, and supplies consumed, including ink, metals, type, paper used for wrapping, printed products, etc.....	11,016	(NA)	(NA)
INDUSTRY 2761—MANIFOLD BUSINESS FORMS				
	Materials, containers, and supplies, total.....	141,638	(NA)	(NA)
261211	Newsprint.....	5,319	(NA)	(NA)
260021	All other paper and board.....	100,099	(NA)	(NA)
770099	Materials not specified <sup>1</sup> .....	17,378	(NA)	(NA)
970099	All other materials, containers, and supplies consumed, including ink, metals, type, paper used for wrapping, printed products, etc.....	18,842	(NA)	(NA)

NA Not available. <sup>1</sup>Revised

<sup>2</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

Table 7B.—Quantity of One-Time Carbon Paper Consumed in the Manufacture of Manifold Business Forms in The United States. 1958

Code	Material	1958 quantity (short tons)	Code	Material	1958 quantity (short tons)
389	Quantity of one-time carbon paper used in the manufacture of manifold business forms.....	51,679	387	Amount of one-time carbon paper produced and consumed in the manufacture of manifold business forms.....	26,471
	Amount of one-time carbon paper purchased, withdrawn from inventory, or received from other establishments and used in the manufacture of manifold business forms.....	25,208	388	Amount of carbonizing tissue stock purchased for conversion into the one-time carbon paper shown above under code 387.....	21,497

## MANUFACTURES-INDUSTRY STATISTICS

Table 7C.--Newsprint and Other Paper and Board Consumed by Commercial Printing Establishments,  
by Divisions and States: 1958

(In thousands of dollars)

Division and State	Industry 2751--Printing: Letterpress			Industry 2752--Printing: Lithographic			Industry 2753-- Engraving and plate printing	Industry 2761--Manifold business forms			Total		
	News- print	Other paper and board	Material- als not speci- fied <sup>1</sup>	News- print	Other paper and board	Material- als not speci- fied <sup>1</sup>	Newsprint except paper and board	News- print	Other paper and board	Material- als not speci- fied <sup>1</sup>	News- print	Other paper and board	Material- als not speci- fied <sup>1</sup>
UNITED STATES, TOTAL.....	74,417	418,511	79,926	9,052	248,900	32,729	7,880	5,319	100,099	17,378	88,788	775,390	130,033
New England.....	6,045	22,568	5,518	374	12,811	1,492	669	1,403	5,268	203	7,822	41,316	7,213
Maine.....	14	861	375	...	84	36	...	...	...	...	14	945	411
New Hampshire.....	103	2,044	207	...	120	111	...	...	793	...	103	2,957	318
Vermont.....	...	376	128	7	83	25	...	...	...	...	7	459	153
Massachusetts.....	2,633	13,745	3,123	243	6,587	1,004	377	19	3,387	144	2,895	24,096	4,271
Rhode Island.....	85	1,491	716	6	1,054	166	3	...	...	15	91	2,548	897
Connecticut.....	3,219	4,961	969	118	4,883	150	289	1,384	1,088	44	4,721	11,221	1,163
Middle Atlantic.....	26,885	135,953	30,748	1,918	70,017	15,107	4,001	615	22,622	15,138	29,418	232,593	60,993
New York.....	10,637	63,345	22,664	1,203	46,595	12,871	3,110	615	15,870	1,031	12,455	128,920	36,566
New Jersey.....	2,481	18,108	2,476	141	7,695	948	46	...	3,294	14,026	2,622	29,143	17,450
Pennsylvania.....	13,767	54,500	5,608	574	15,727	1,288	845	...	3,458	81	14,341	74,530	6,977
East North Central.....	20,813	123,105	15,146	1,678	84,498	5,268	1,144	1,940	31,675	692	24,431	240,422	21,106
Ohio.....	1,941	41,978	3,360	378	20,072	1,245	160	291	13,594	148	2,609	75,804	4,753
Indiana.....	708	5,017	1,378	128	4,701	435	149	...	2,509	24	836	12,376	1,837
Illinois.....	15,869	46,904	5,361	1,083	37,577	2,088	689	1,061	12,714	345	18,013	97,884	7,794
Michigan.....	1,649	13,373	2,974	42	14,085	826	129	576	1,293	44	2,267	28,880	3,844
Wisconsin.....	646	15,833	2,073	47	8,063	674	17	12	1,565	131	705	25,478	2,878
West North Central.....	4,897	32,472	4,477	1,722	18,853	1,776	550	88	6,646	225	6,707	58,521	6,478
Minnesota.....	173	13,638	884	1,440	7,667	509	337	...	563	...	1,613	22,205	1,393
Iowa.....	46	2,698	617	5	1,092	328	15	...	966	...	51	4,771	945
Missouri.....	4,005	10,528	1,769	191	7,050	671	192	13	3,396	22	4,209	21,166	2,462
North Dakota.....	6	319	117	...	38	42	...	...	...	...	6	357	159
South Dakota.....	8	337	170	...	22	10	...	...	...	...	8	359	180
Nebraska.....	345	3,805	358	2	1,803	148	6	...	293	150	347	5,907	656
Kansas.....	314	1,147	562	84	1,181	68	...	75	1,428	53	473	3,756	683
South Atlantic.....	4,910	41,186	6,708	1,439	15,124	2,299	479	584	9,480	200	6,933	66,269	9,207
Delaware.....	905	688	55	...	527	5	...	...	6	...	905	1,221	60
Maryland.....	1,082	6,428	948	1,189	2,833	378	74	196	6,385	84	2,467	15,720	1,410
District of Columbia.....	1,003	4,968	375	...	2,410	110	115	...	...	32	1,003	7,493	517
Virginia.....	382	6,239	955	14	2,275	163	11	387	987	8	783	9,512	1,126
West Virginia.....	22	1,362	292	3	194	57	...	...	...	30	25	1,556	379
North Carolina.....	119	7,046	911	1	1,860	394	88	1	808	29	121	9,802	1,334
South Carolina.....	36	727	378	13	322	65	...	...	...	...	49	1,049	443
Georgia.....	1,085	9,610	1,084	177	2,665	303	82	...	343	...	1,262	12,700	1,387
Florida.....	276	4,117	1,710	42	2,038	824	109	...	951	17	318	7,215	2,551
East South Central.....	1,822	15,405	2,337	568	3,443	631	345	197	2,010	160	2,587	21,203	3,128
Kentucky.....	1,461	12,324	578	158	1,804	103	61	110	577	28	1,729	14,766	709
Tennessee.....	115	10,495	797	356	1,300	301	12	...	720	132	471	12,527	1,230
Alabama.....	210	2,150	563	3	269	168	272	...	556	...	213	3,247	731
Mississippi.....	36	931	397	51	70	59	...	87	157	...	174	1,158	456
West South Central.....	2,766	14,396	4,838	349	9,427	1,759	225	300	4,827	226	3,415	28,875	6,823
Arkansas.....	74	1,357	207	...	328	108	...	...	710	32	74	2,395	347
Louisiana.....	178	2,340	656	...	454	110	16	2	28	23	180	2,838	789
Oklahoma.....	50	1,963	925	6	1,851	320	...	...	143	68	56	3,957	1,313
Texas.....	2,464	8,736	3,050	343	6,794	1,221	209	298	3,946	104	3,105	19,685	4,375
Mountain.....	361	5,431	1,533	47	4,384	842	200	...	456	2	408	10,471	2,377
Montana.....	6	474	95	...	61	36	...	...	...	...	6	535	131
Idaho.....	3	411	145	24	128	14	...	...	...	...	27	539	159
Wyoming.....	...	210	...	...	26	48	...	...	...	...	...	236	48
Colorado.....	259	1,561	599	3	2,753	328	198	...	319	2	262	4,831	929
New Mexico.....	32	618	212	...	70	59	...	...	...	...	32	688	271
Arizona.....	5	631	229	20	358	278	2	...	57	...	25	1,048	507
Utah.....	1	1,339	207	...	976	65	...	...	80	...	1	2,395	272
Nevada.....	55	187	46	...	12	14	...	...	...	...	55	199	60
Pacific.....	5,900	27,995	8,621	957	30,343	3,555	267	192	17,115	532	7,049	75,720	12,708
Washington.....	376	1,730	637	73	2,377	287	...	...	396	137	449	4,503	1,061
Oregon.....	185	1,027	421	42	1,392	240	9	...	1,261	...	227	3,689	661
California.....	5,348	25,238	7,563	842	26,574	3,028	258	192	15,458	395	6,382	67,528	10,986

<sup>1</sup>Analysis of reports which showed paper and board costs separate from other materials indicates that about 65 percent of this figure represents cost of paper and board consumed.



Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2751	PRINTING: LETTERPRESS (entire industry).....	13,002	189,078	954,240	150,426	1286,790	1720,845	1,482,604	1,054,919	2,533,227	98,916
	Establishments with:										
	90% or more specialization.....	10,239	102,757	495,376	84,946	158,561	395,852	794,905	590,752	1,382,717	58,086
	75-89% specialization.....	1,080	31,760	173,775	25,278	50,192	129,515	259,065	185,392	442,918	17,592
27511	Magazine and periodical printing (letterpress) (primary product class of estab.).....	652	45,749	255,172	38,939	76,341	212,285	353,162	244,681	596,928	23,397
	Establishments with:										
	90% or more specialization....	333	16,009	85,795	14,084	27,399	76,364	117,856	92,293	209,770	8,458
	75-89% specialization.....	76	4,729	25,142	4,009	8,082	21,844	32,426	26,664	59,055	1,692
27512	Labels and wrappers (letterpress) (primary product class of estab.)..	366	11,349	57,445	8,630	17,264	39,326	94,373	115,277	209,362	5,385
	Establishments with:										
	90% or more specialization....	219	5,336	26,284	4,123	8,124	18,242	45,805	57,717	102,940	2,154
	75-89% specialization.....	38	2,095	10,700	1,642	3,337	7,159	16,502	20,067	36,825	1,735
27513	Catalogs and directories printing (letterpress) (primary product class of estab.).....	106	6,092	33,367	5,068	9,928	25,579	48,120	34,226	81,842	4,049
	Establishments with:										
	90% or more specialization....	35	861	4,330	762	1,550	3,514	7,262	3,855	11,034	988
27514	Financial and legal printing (letterpress) (primary product class of estab.).....	157	6,134	33,141	4,722	9,088	23,921	50,581	18,837	69,279	1,406
	Establishments with:										
	90% or more specialization....	66	2,184	12,232	1,659	3,182	9,078	17,329	6,423	23,721	(1)
	75-89% specialization.....	9	120	561	81	152	339	782	356	1,117	(1)
27515	Advertising printing (letterpress) (primary product class of estab.)..	854	20,872	113,061	15,473	29,868	76,161	169,811	125,191	294,861	8,930
	Establishments with:										
	90% or more specialization....	298	5,076	25,384	3,676	7,162	16,253	42,944	34,740	77,464	3,501
	75-89% specialization.....	75	1,943	10,245	1,403	2,628	6,841	15,339	12,339	27,538	641
27516	Other general job printing (letterpress) (primary product class of estab.).....	2,134	47,285	229,763	134,609	166,499	155,055	358,066	205,460	564,019	15,524
	Establishments with:										
	90% or more specialization....	998	14,190	65,647	11,130	21,089	48,577	107,295	62,946	168,918	5,864
	75-89% specialization.....	210	4,435	21,653	3,209	6,533	13,649	31,778	20,246	51,893	1,851
27517	Publication printing (gravure) (primary product class of estab.)..	2,753	15,506	78,430	13,676	24,371	69,852	136,608	85,556	221,863	8,077
	Establishments with:										
	90% or more specialization....	1,809	10,426	53,357	9,249	16,587	48,044	91,869	57,545	149,498	4,570
	75-89% specialization.....	380	2,246	10,908	1,965	3,402	9,537	19,154	11,663	30,673	1,028
27518	Other gravure printing (primary product class of estab.).....	1,678	11,434	53,972	9,123	16,894	41,246	98,115	106,513	202,628	8,023
	Establishments with:										
	90% or more specialization....	990	4,992	22,995	4,241	7,513	18,551	43,742	42,351	84,565	1,995
	75-89% specialization.....	237	1,607	7,120	1,325	2,426	5,976	16,112	17,759	33,686	1,774
27519	Screen processing printing except textiles (primary product class of estab.).....	327	4,545	20,162	3,602	6,921	13,766	33,651	16,198	50,106	1,342
	Establishments with:										
	90% or more specialization....	262	3,594	15,727	2,884	5,566	10,759	25,992	12,871	39,147	1,029
	75-89% specialization.....	18	299	1,437	212	384	859	2,231	1,092	3,319	(1)
2752	PRINTING: LITHOGRAPHIC (entire industry).....	13,746	189,678	1519,506	168,230	1132,677	1358,093	1797,397	1546,065	1,134,551	151,541
	Establishments with:										
	90% or more specialization.....	12,410	134,964	1203,707	127,564	153,389	147,259	1318,536	1229,089	1545,200	123,629
	75-89% specialization.....	466	17,607	104,189	13,276	26,224	70,340	164,098	104,843	269,472	10,159
27521	Magazines and periodicals (lithographic) (primary product class of estab.).....	571	5,911	29,326	5,076	9,843	23,671	48,112	33,638	81,579	5,720
	Establishments with:										
	90% or more specialization....	294	1,319	5,903	1,109	1,906	4,837	10,787	8,518	19,300	1,084
	75-89% specialization.....	71	1,687	8,362	1,529	3,118	7,314	12,396	5,594	17,985	1,405
27522	Labels and wrappers, printing (lithographic) (primary product class of estab.).....	152	7,336	42,524	5,838	11,278	30,494	69,959	53,475	123,282	3,417
	Establishments with:										
	90% or more specialization....	61	1,912	10,401	1,574	3,071	7,984	17,360	14,135	31,396	660
	75-89% specialization.....	21	1,381	9,016	1,098	2,159	6,296	12,709	9,135	21,847	989

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 8.-General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958-Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
27523	PRINTING: LITHOGRAPHIC ETC.,—Con. Catalogs and directories, printing (lithographic) (primary product class of estab.).....	85	2,914	16,780	2,257	4,429	12,053	24,730	15,500	39,952	3,844
	Establishments with:										
	90% or more specialization....	12	558	2,492	479	862	2,062	3,495	875	4,237	(D)
	75-89% specialization.....	6	100	586	84	166	472	964	636	1,576	(1)
27524	Financial and legal, printing (lithographic) (primary product class of estab.).....	78	2,769	14,848	2,086	3,975	10,113	23,082	13,001	36,290	1,687
	Establishments with:										
	90% or more specialization....	20	439	2,332	308	558	1,486	3,320	1,928	5,182	(1)
27525	Advertising printing (lithographic) (primary product class of estab.)..	1,499	45,004	277,041	33,980	66,896	185,813	417,461	309,382	726,481	23,485
	Establishments with:										
	90% or more specialization....	509	9,402	60,505	7,164	14,339	40,773	93,708	75,530	168,635	5,936
	75-89% specialization.....	203	5,415	35,331	4,031	8,181	22,968	50,799	40,650	91,798	2,356
27526	Other commercial printing (lithographic) (primary product class of estab.).....	708	18,018	93,875	12,897	24,833	60,451	145,984	88,289	234,109	9,246
	Establishments with:										
	90% or more specialization....	250	4,185	21,420	3,421	6,633	15,854	34,008	24,756	58,295	2,228
	75-89% specialization.....	73	1,879	8,467	1,125	2,256	4,722	12,850	7,327	20,003	992
27527	Lithographic plates made for others (primary product class of estab.)..	382	5,090	33,453	4,048	7,757	26,473	48,739	18,024	66,181	2,131
	Establishments with:										
	90% or more specialization....	337	4,100	27,228	3,271	6,325	21,811	40,375	14,222	54,026	1,347
	75-89% specialization.....	8	183	1,020	134	269	705	1,971	851	2,779	(D)
2761	MANIFOLD BUSINESS FORMS (entire industry).....	<sup>r</sup> 704	<sup>r</sup> 23,618	<sup>r</sup> 120,945	<sup>r</sup> 16,883	<sup>r</sup> 32,823	<sup>r</sup> 79,623	<sup>r</sup> 245,229	<sup>r</sup> 160,023	<sup>r</sup> 405,731	<sup>r</sup> 14,755
	Establishments with:										
	90% or more specialization.....	<sup>r</sup> 526	<sup>r</sup> 18,199	<sup>r</sup> 94,094	<sup>r</sup> 12,835	<sup>r</sup> 24,970	<sup>r</sup> 61,090	<sup>r</sup> 200,023	<sup>r</sup> 127,019	<sup>r</sup> 327,381	<sup>r</sup> 12,385
	75-89% specialization.....	44	1,445	6,594	1,108	2,153	4,431	12,188	7,892	20,294	620
27611	Continuous business forms (primary product class of estab.).....	109	9,980	54,567	6,836	13,236	34,894	115,864	72,160	188,044	6,266
	Establishments with:										
	90% or more specialization....	46	4,398	24,753	3,022	5,858	15,662	56,026	30,107	85,933	1,774
27612	Unit set forms (primary product class of estab.).....	213	9,376	46,258	6,960	13,871	31,117	85,824	62,067	147,844	5,418
	Establishments with:										
	90% or more specialization....	87	2,146	10,173	1,671	3,374	6,845	22,888	17,096	39,933	1,479
	75-89% specialization.....	33	1,762	8,263	1,333	2,699	5,599	15,570	9,482	24,988	774
27613	Sales and other manifold books, except food and beverage checks (primary product class of estab.)..	45	2,879	14,146	1,929	3,709	8,802	30,891	17,005	48,369	896
	Establishments with:										
	90% or more specialization....	16	314	1,352	249	501	999	3,259	1,698	4,936	(1)
	75-89% specialization.....	4	33	147	30	54	113	259	98	358	...

D Withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised<sup>1</sup>Less than \$500 thousand.



Table 9.—Printing Employment and Type of Press Equipment Operated by Converted Paper and Board Products Industries, for Divisions: 1958

Code	Industries	Number of establishments reporting printing activity <sup>1</sup>	Number of production workers engaged in printing <sup>2</sup>	Type of press equipment operated <sup>1</sup> (number of establishments reporting each type of press)						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	Engraving	Other <sup>3</sup>
	Total—all paper and board converting industries except containers and boxes.....	572	11,148	328	95	68	239	19	30	58
2641	Paper coating and glazing:									
	Total all establishments.....	77	2,033	39	7	32	42	2	2	5
	New England.....	15	379	5	1	8	6	1	1	2
	Middle Atlantic.....	11	125	1	2	3	5	...	...	...
	East North Central.....	26	1,038	15	4	9	16	1	...	1
	West North Central.....	6	138	5	...	2	4	...	...	...
	South Atlantic.....	5	55	2	...	3	2	...	...	1
	East South Central.....	1	6	1	...	1	1	...	...	...
	West South Central.....	5	89	3	...	2	4	...	...	...
	Pacific.....	8	203	7	...	4	4	...	1	1
2642	Envelopes:									
	Total all establishments.....	113	1,898	105	17	3	41	...	...	9
	New England.....	12	259	11	1	2	5	...	...	2
	Middle Atlantic.....	25	380	21	...	1	9	...	...	2
	East North Central.....	27	652	25	5	...	9	...	...	2
	West North Central.....	13	184	13	2	...	8	...	...	1
	South Atlantic.....	10	106	10	2	...	2	...	...	1
	East South Central.....	3	24	3	2	...	...	...	...	...
	West South Central.....	8	87	8	2	...	1	...	...	1
	Mountain.....	2	32	2	1	...	1	...	...	...
	Pacific.....	13	174	12	2	...	6	...	...	...
2643	Bags, except textile bags:									
	Total all establishments.....	179	3,111	54	16	17	129	2	14	21
	New England.....	7	109	1	1	...	6	2	1	...
	Middle Atlantic.....	43	650	12	1	7	37	...	...	4
	East North Central.....	32	528	7	3	1	22	...	1	3
	West North Central.....	14	377	6	4	3	6	...	3	2
	South Atlantic.....	28	614	14	1	1	19	...	5	1
	East South Central.....	12	248	4	3	1	7	...	2	4
	West South Central.....	16	247	5	...	1	12	...	2	2
	Mountain.....	1	1	...	1	...	...	...	...	...
	Pacific.....	26	337	5	2	3	20	...	...	5
2644	Wallpaper:									
	Total all establishments.....	23	250	...	3	1	...	12	1	5
	New England.....	1	5	...	...	...	...	1	...	...
	Middle Atlantic.....	14	93	...	2	...	...	8	1	3
	East North Central.....	7	130	...	1	1	...	2	...	2
	Pacific.....	1	22	...	...	...	...	1	...	...
2645	Die cut paper and board:									
	Total all establishments.....	66	2,220	52	19	7	6	1	6	5
	New England.....	5	27	5	2	...	...	...	...	...
	Middle Atlantic.....	27	776	18	4	2	2	...	3	2
	East North Central.....	14	674	11	7	1	2	1	1	1
	West North Central.....	1	10	1	...	1	...	...	...	...
	South Atlantic.....	6	359	5	...	1	1	...	...	1
	West South Central.....	2	90	2	...	1	...	...	1	...
	Mountain.....	1	4	1	...	...	...	...	...	...
	Pacific.....	10	280	9	6	1	1	...	1	1
2646	Pressed and molded pulp goods:									
	Total all establishments.....	5	13	1	1	...	1	...	...	1
	New England.....	3	11	1	...	...	1	...	...	...
	East North Central.....	2	2	...	1	...	...	...	...	1
2649	Paper and board products, NEC:									
	Total all establishments.....	109	1,623	77	32	8	20	2	7	12
	New England.....	14	271	11	6	2	2	1	3	...
	Middle Atlantic.....	41	552	30	12	3	5	...	...	3
	East North Central.....	27	326	17	6	2	5	...	2	6
	West North Central.....	4	49	4	1	...	...	...	1	...
	South Atlantic.....	5	110	4	1	1	...	...	1	1
	East South Central.....	2	49	1	1	...	1	...	...	...
	West South Central.....	3	21	2	3	...	...	1	...	...
	Mountain.....	2	11	1	...	...	1	...	...	...
	Pacific.....	11	234	7	2	...	6	...	...	2
	Paperboard containers and boxes industries total	853	17,016	543	117	51	107	22	10	186
2651	Folding paperboard boxes:									
	United States, total.....	277	8,401	261	50	32	33	1	2	7
	New England.....	30	810	27	6	4	...	...	...	...
	Middle Atlantic.....	82	2,254	78	13	9	9	...	...	1
	East North Central.....	81	2,932	75	13	10	11	1	1	4
	West North Central.....	13	307	13	5	1	2	...	...	...
	South Atlantic.....	19	1,240	19	3	3	2	...	1	...
	East South Central.....	8	132	8	1	1	1	...	...	...
	West South Central.....	11	95	11	2	...	1	...	...	...
	Mountain.....	4	29	4	...	...	1	...	...	...
	Pacific.....	29	602	26	7	4	6	...	...	2

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 9.-Printing Employment and Type of Press Equipment Operated by Converted Paper and Board Products Industries, for Divisions: 1958-Continued

Code	Industries	Number of establishments reporting printing activity	Number of production workers engaged in printing	Type of press equipment operated <sup>1</sup> (number of establishments reporting each type of press)						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	Engraving	Other <sup>3</sup>
2652	Set-up paperboard boxes:									
	United States, total.....	106	564	97	14	3	5	1	2	7
	New England.....	23	175	19	5	2	2	...	...	2
	Middle Atlantic.....	32	137	30	3	1	...	1	2	2
	East North Central.....	20	104	18	1	...	1	...	...	1
	West North Central.....	8	60	8	3	...	2	...	...	...
	South Atlantic.....	12	50	10	1	...	...	...	...	1
	East South Central.....	1	8	1	...	...	...	...	...	...
	West South Central.....	1	4	1	...	...	...	...	...	...
	Mountain.....	3	8	3	...	...	...	...	...	...
	Pacific.....	6	18	7	1	...	...	...	...	1
2653	Corrugated shipping containers:									
	United States, total.....	339	5,306	133	12	4	16	3	4	168
	New England.....	18	340	7	...	...	2	...	...	10
	Middle Atlantic.....	68	1,123	23	1	3	4	...	1	37
	East North Central.....	107	1,707	45	4	...	5	1	2	43
	West North Central.....	36	360	14	2	...	1	1	...	20
	South Atlantic.....	39	543	13	2	1	2	1	1	21
	East South Central.....	9	139	4	1	...	...	...	...	6
	West South Central.....	22	349	11	...	...	1	...	...	10
	Mountain.....	5	48	1	...	...	...	...	...	4
	Pacific.....	35	697	15	2	...	1	...	...	17
2654	Sanitary food containers:									
	United States.....	102	2,604	46	38	11	49	...	2	4
	New England.....	7	77	1	2	...	5	...	...	...
	Middle Atlantic.....	22	609	11	8	3	11	...	1	1
	East North Central.....	19	682	11	8	3	8	...	...	...
	West North Central.....	10	548	3	4	...	6	...	1	...
	South Atlantic.....	16	266	7	6	1	6	...	...	1
	East South Central.....	3	8	1	...	1	2	...	...	1
	West South Central.....	7	123	2	1	1	5	...	...	...
	Mountain.....	2	8	1	...	...	...	...	...	1
	Pacific.....	16	283	9	9	2	6	...	...	...
2655	Fiber cans, tubes, drums, etc.:									
	United States, total.....	29	141	6	3	1	4	17	...	...
	New England.....	4	24	2	1	...	...	1	...	...
	Middle Atlantic.....	10	36	2	...	1	2	7	...	...
	East North Central.....	8	27	...	1	...	1	5	...	...
	West North Central.....	4	20	1	...	...	...	3	...	...
	South Atlantic.....	2	33	1	1	...	1	...	...	...
	East South Central.....	1	1	...	...	...	...	1	...	...

<sup>1</sup>Since some establishments reported that they were operating more than one type of press, the detail by type of press exceeds the total "number of establishments reporting printing activity" in some instances. Moreover, it should be noted that in this special inquiry converters of paper and board products were asked merely to indicate the type of press equipment operated, thus these figures understate the number of presses operated by manufacturers of converted paper and board products.

<sup>2</sup>Establishments were asked to report the approximate number of production workers who were engaged in printing operations (composing, plate making, printing, etc.) at their establishment during 1958.

<sup>3</sup>Believed to consist principally of relief type presses generally classified as letterpress or flexographic, in addition to a small number of unspecified and "other" type presses. Most of the establishments reporting in this category are manufacturers of corrugated shipping containers.



# Greeting Cards, Bookbinding and Service Industries for the Trade

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries.

## S. I. C. Code and Title (1957 Edition)

2771—Greeting Card Manufacturing  
2782—Blankbooks, Loose Leaf Binders and Devices  
2789—Bookbinding, and Miscellaneous Related Work  
2791—Typesetting  
2793—Photoengraving  
2794—Electrotyping and Stereotyping

### 2771—Greeting Card Manufacturing

This industry comprises establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting cards for all occasions. These products may be printed, lithographed, etched, or otherwise processed. For a detailed list of primary products and activities of Industry 2771, refer to Table 6A, product codes 2771111 to 2771251.

Total receipts of Industry 2771 in 1958 amounted to \$291 million. This included primary activities (publishers' sales and receipts from printing greeting cards for others) valued at \$257 million, receipts from secondary products valued at \$15 million, \$15 million of resales and \$4 million of miscellaneous receipts.

Industry 2771 receipts from publishing and printing greeting cards in 1958 represented 94 percent of its total receipts (primary and secondary). In 1954, this primary product specialization ratio was 93 percent. Secondary products of Industry 2771 in 1958 consisted mainly of gift wrapping paper, \$7 million; lithographing, \$3 million, and commercial printing (letterpress and gravure), \$1.5 million.

Industry 2771 receipts from publishing and printing greeting cards in 1958 represented 93 percent of the receipts from publishing and printing greeting cards, valued at \$277 million, reported by all industries. This coverage ratio in 1954 was 89 percent. Other industries reporting receipts from publishing and printing greeting cards in 1958 consisted mainly of Industry 2752, Printing: Lithographic, \$10 million, and Industry 2751, Printing: Letterpress, \$4 million.

### 2782—Blankbooks: Loose Leaf Binders and Devices

This industry comprises establishments primarily engaged in manufacturing blankbooks, loose leaf devices, and library binders. In the 1957 Standard Industrial Classification the product composition of this industry was significantly revised by the assignment of salesbooks (1954 product code 2782021) to new S.I.C. Industry 2761, Manifold Business Forms. For a detailed list of primary products of Industry 2782, refer to table 6A, product codes 2782111 to 2782271.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual represent a combination of the industries shown in the previous classification system under code numbers

2782, Blankbooks and paper ruling, and 2783, Loose Leaf binders and Devices. In addition salesbooks, formerly classified in this industry, are now considered primary to Industry 2761, Manifold Business Forms. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. The net effect of this revision for 1958 has been to reduce the number of establishments by 14, the employment by 2,062, and the value added for manufacturing by \$18.5 million.

Total receipts of Industry 2782 in 1958 amounted to \$218 million. This included receipts from primary products valued at \$180 million, receipts from secondary products valued at \$31 million, \$6 million of resales, and a negligible amount of miscellaneous receipts.

Industry 2782 receipts from blankbooks and loose leaf binders in 1958 represented 85 percent of its total receipts from primary and secondary products. Secondary products of Industry 2782 in 1958 consisted mainly of letterpress commercial printing, \$8 million; lithographing \$5 million; manufacture of notebooks and other converted paper products, not elsewhere classified, \$3 million, and manifold business forms, \$2 million.

Industry 2782 receipts from blankbooks and loose-leaf binders in 1958 represented 84 percent of the receipts from blankbooks and loose-leaf binders valued at \$214 million, reported by all industries. Other industries reporting blankbooks and loose-leaf binders in 1958 consisted mainly of Industry 2751, Printing: Letterpress, \$10 million; Industry 2752, Printing: Lithographic, \$9 million; Industry 2789, Bookbinding and Related Work, \$5 million; and Industry 3652, Phonograph Records, \$3 million.

### 2789—Bookbinding, and Miscellaneous Related Work

This industry comprises establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging, in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Group 273. For a detailed list of primary activities of Industry 2789, see table 6A, product codes 2789111 to 2789291.

In the 1957 edition of the Standard Industrial Classification Manual the statistics for this industry combine those shown in the previous classification system under code numbers 2781 and 2789.

Total receipts of Industry 2789 in 1958 amounted to \$182 million. This included receipts from primary activities (bookbinding and miscellaneous related work) valued at \$164 million, receipts from secondary activities valued at \$10 million, resales of \$6 million and miscellaneous receipts of \$2 million.

Industry 2789 receipts from bookbinding in 1958 represented 94 percent of its total receipts from primary and secondary activities. In 1954, this (primary product) specialization ratio was 91 percent. Secondary activities of Industry 2789 in 1958 consisted mainly of loose leaf binders and blankbook making, \$5 million.



Industry 2789 receipts from bookbinding in 1958 represented 86 percent of the receipts, valued at \$191 million, reported by all industries for binding books printed elsewhere. This coverage ratio in 1954 was 87 percent. Other industries reporting receipts for binding books printed elsewhere in 1958 consisted mainly of Industry 2732, Book Printing, \$6 million; and Industry 2751, Printing: Letterpress, \$6 million.

#### 2791—Typesetting

This industry comprises establishments primarily engaged in machine and hand typesetting for the trade, and in advertising typography.

Total receipts of Industry 2791 in 1958 amounted to \$177 million. This included receipts from primary activities (typesetting) valued at \$162 million, receipts from secondary activities valued at \$ 12 million, and \$3 million of resales and miscellaneous receipts.

Industry 2791 receipts from typesetting in 1958 represented 93 percent of its total receipts (primary and Secondary). In 1954 this primary activity specialization ratio was 94 percent. Secondary activities of Industry 2791 in 1958 consisted mainly of letterpress commercial printing, \$3 million, and electrotyping and stereotyping, also \$3 million.

Industry 2791 receipts from typesetting in 1958 represented 92 percent of receipts from typesetting for the trade, valued at \$175 million, reported by all industries. This coverage ratio in 1954 was 87 percent. Other industries reporting receipts from typesetting for the trade in 1958 consisted mainly of Industry 2732, Book Printing, \$3 million; and Industry 2751, Printing: Letterpress, \$6 million. These data do not cover captive typesetting operations of printing establishments classified in other industries.

#### 2793—Photoengraving

This industry comprises establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

Total receipts of Industry 2793 in 1958 amounted to \$209 million. This included receipts from primary activities (photoengraving) valued at \$194 million, receipts from secondary activities valued at \$11 million, resales of \$3 million and miscellaneous receipts of \$1 million.

Industry 2793 receipts from photoengraving in 1958 represented 95 percent of its total receipts from primary and

secondary activities. In 1954, this primary activity specialization ratio was also 95 percent. Secondary activities of Industry 2793 in 1958 consisted mainly of lithographing, \$4 million; electrotyping and stereotyping, \$3 million; and letterpress printing, \$2 million.

Industry 2793 receipts from photoengraving in 1958 represented 93 percent of the receipts from photoengraving for the trade, valued at \$209 million, reported by all industries. This coverage ratio in 1954 was also 93 percent. Other industries reporting receipts from photoengraving for the trade in 1958 consisted mainly of Industry 2711, Newspapers, \$6 million; and Industry 2752, Printing: Lithographic, \$3 million. These data do not cover captive photoengraving operations of printing establishments classified in other industries.

#### 2794—Electrotyping and Stereotyping

This industry comprises establishments primarily engaged in preparing electrotypes and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others. For a detailed list of primary activities of Industry 2794, refer to Table 6A, product codes 2794011 to 2794051.

Total receipts of Industry 2794 in 1958 amounted to \$81 million. This included receipts from primary activities (electrotyping and stereotyping) valued at \$71 million, receipts from secondary activities valued at \$6 million, resales of \$3 million, and miscellaneous receipts of \$1 million.

Industry 2794 receipts from electrotyping and stereotyping in 1958 represented 92 percent of its total receipts from primary and secondary activities. In 1954, this primary activity specialization ratio was 89 percent. Secondary activities of Industry 2794 in 1958 consisted principally of engraving and plate printing, \$2 million, typesetting, \$1 million, and photoengraving, \$1 million.

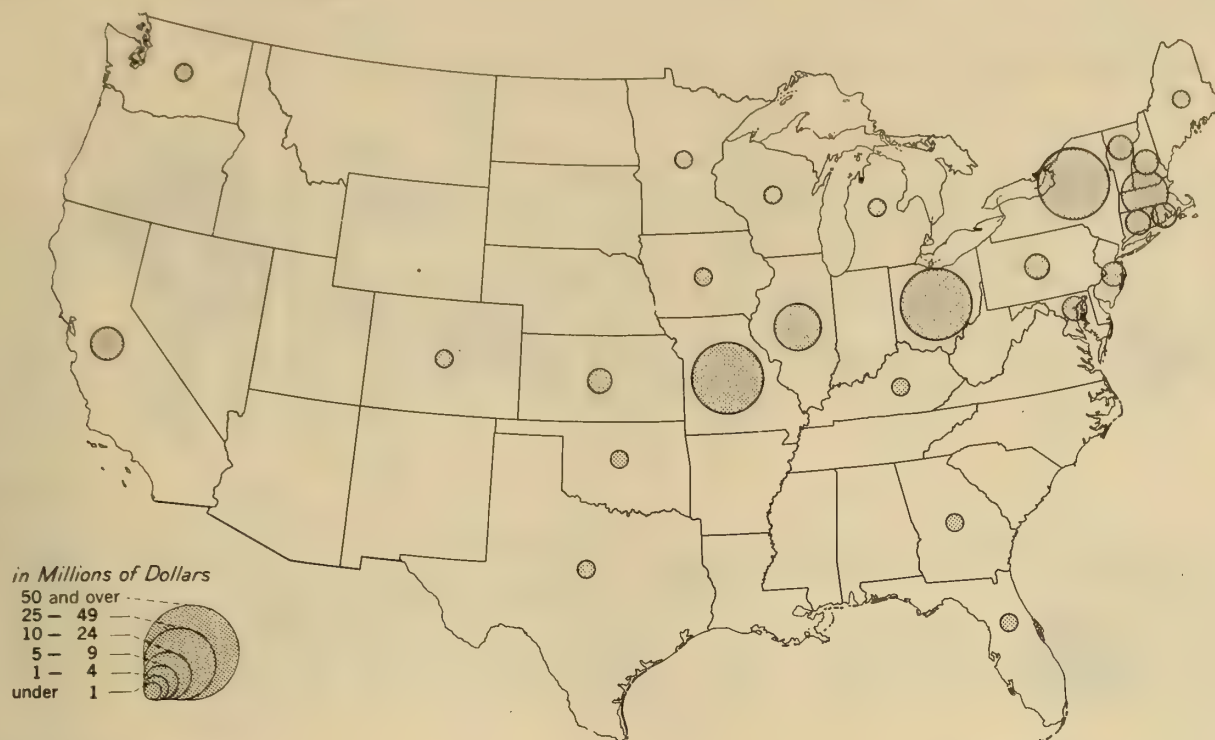
Industry 2794 receipts from electrotyping and stereotyping in 1958 represented 87 percent of electrotyping and stereotyping for the trade, valued at \$81 million, reported by all industries. This coverage ratio in 1954 was 89 percent. Other industries reporting receipts from electrotyping and stereotyping in 1954 consisted principally of Industry 2793, Photoengraving, \$3 million; Industry 2791, Typesetting, \$3 million; and Industry 2751, Printing: Letterpress, also \$3 million. These data do not cover captive electrotyping and stereotyping operations of printing establishments classified in other industries.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## GREETING CARD MANUFACTURING: SIC 277

Value Added by Manufacture by State: 1958

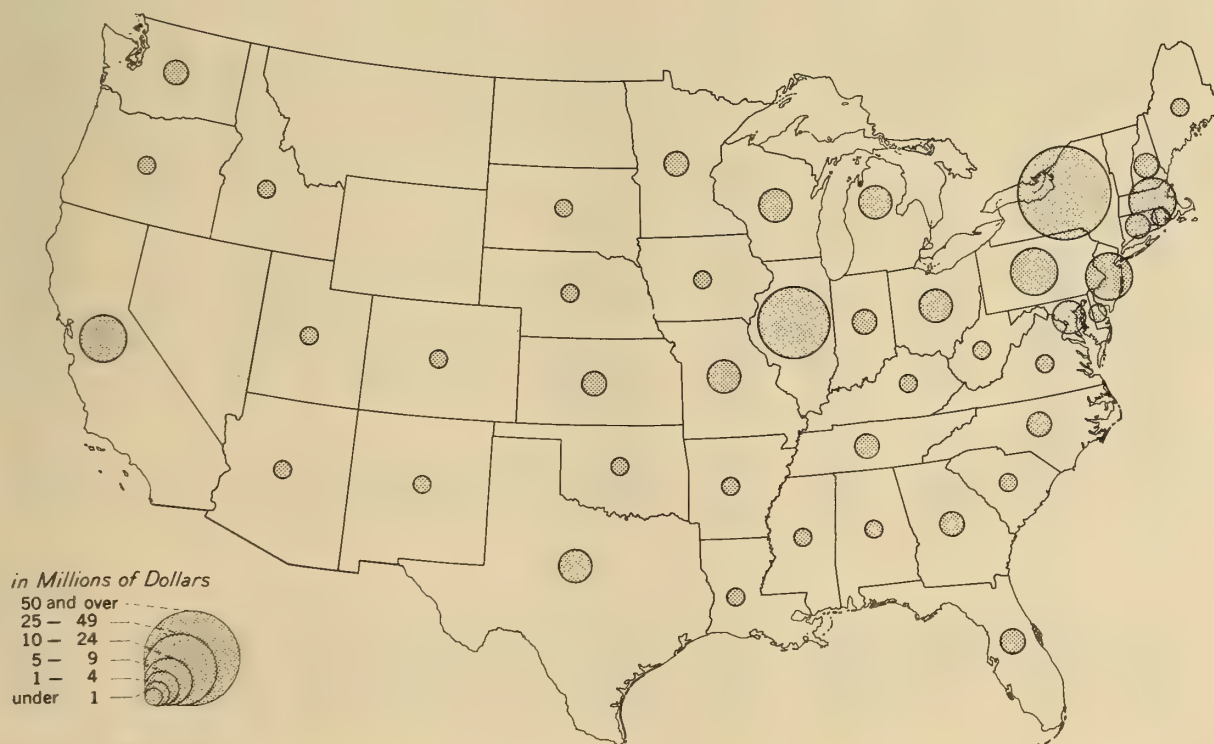


Includes Only Industry 2771. See Table 2.

Bureau of the Census. M-58-D277

## BOOKBINDING AND RELATED INDUSTRIES: SIC 278

Value Added by Manufacture by State: 1958

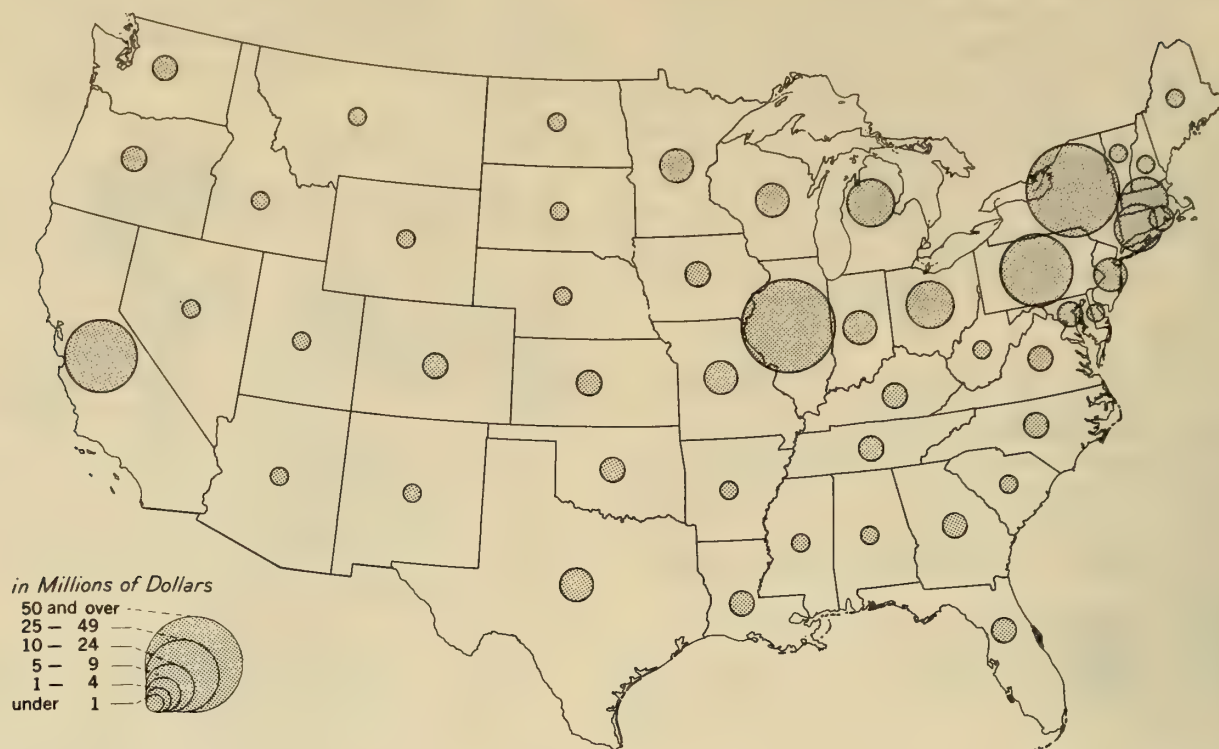


Includes Industries 2782 and 2789. See Table 2.

Bureau of the Census M-58-D278

## SERVICE INDUSTRIES FOR THE PRINTING TRADE: SIC 279

Value Added by Manufacture by State: 1958



Includes Industries 2791, 2793, 2794 and 2799. See Table 2.

Bureau of the Census 48-0279



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ializa- tion ratio <sup>6</sup>	Cov- erage <sup>7</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2771 (old SIC 2771)	Greeting cards:														
	1958.....	265	282	100	21,777	89,405	14,799	28,297	50,553	178,563	117,153	291,480	5,154	94	93
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	20,081	77,143	13,124	24,517	41,852	157,168	90,609	243,213	(S)	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	21,294	75,602	14,446	26,517	43,510	150,148	87,767	234,295	14,031	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	19,796	67,960	13,669	25,326	38,699	139,203	78,302	213,226	(S)	(NA)	(NA)
	1954.....	280	294	100	21,347	70,434	15,297	28,624	41,960	134,615	85,723	220,339	8,809	93	89
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,846	58,749	12,115	(NA)	31,000	105,702	66,285	171,987	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,471	55,222	11,654	(NA)	33,698	91,893	45,631	137,524	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,342	53,485	11,518	(NA)	32,607	85,939	52,490	138,429	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,980	51,598	11,264	(NA)	29,978	82,425	43,878	126,303	(NA)	(NA)	(NA)
	1947.....	161	162	(NA)	18,053	43,898	12,650	24,582	23,900	81,051	42,805	123,856	(NA)	92	87
	1939.....	(NA)	109	(NA)	9,983	12,267	7,522	(NA)	7,264	24,225	15,490	39,715	(NA)	(NA)	(NA)
	1937 <sup>9</sup> .....	(NA)	79	(NA)	(NA)	(NA)	6,847	(NA)	6,491	19,490	10,146	29,636	(NA)	(NA)	(NA)
2782 (old SIC 2782, 2783)	Blankbooks; loose- leaf binders: <sup>10</sup>														
	1958.....	407	434	166	17,872	79,024	13,756	26,838	52,740	132,660	83,325	217,862	6,805	85	84
	1958 <sup>11</sup> .....	(NA)	448	175	19,934	87,957	15,202	29,981	58,358	151,019	95,510	248,088	7,302	(NA)	(NA)
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	17,880	68,742	14,013	26,407	47,887	124,230	(NA)	199,649	(S)	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,053	66,618	14,102	26,570	46,708	114,959	73,928	188,389	4,494	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	16,816	61,937	12,982	25,438	42,173	102,183	69,296	170,053	(S)	(NA)	(NA)
	1954.....	(NA)	488	122	16,823	60,779	13,281	26,084	41,548	98,895	63,649	162,546	3,087	(NA)	(NA)
	1947.....	(NA)	436	(NA)	16,901	41,974	13,484	26,916	29,568	73,419	44,906	118,325	3,313	(NA)	(NA)
	1939 <sup>12</sup> .....	(NA)	379	(NA)	(NA)	(NA)	9,090	(NA)	10,974	34,058	16,973	51,031	(NA)	(NA)	(NA)
2789 (old SIC 2781, 2789)	Bookbinding and related work: <sup>13</sup>														
	1958.....	966	972	294	22,160	87,448	19,480	37,378	69,000	132,722	48,646	181,987	6,621	94	86
	1954.....	(NA)	931	250	20,481	69,891	18,363	35,039	56,694	103,045	35,846	138,891	4,369	91	87
	1947.....	(NA)	906	(NA)	25,660	65,492	22,953	46,204	55,064	103,725	29,423	133,148	4,172	84	86
	1939 <sup>12</sup> .....	(NA)	758	(NA)	(NA)	(NA)	16,801	(NA)	18,367	39,106	13,837	52,943	(NA)	(NA)	(NA)
278	Bookbinding and related work: <sup>12</sup>														
	1958.....	(NA)	1,406	460	40,032	166,472	33,236	64,216	121,740	265,382	131,971	399,829	13,426	(NA)	(NA)
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,732	152,941	35,898	65,940	117,510	250,863	(NA)	(NA)	5,665	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	41,515	150,401	36,749	66,953	117,005	239,953	110,382	327,855	8,761	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	38,062	136,364	31,831	62,562	102,726	213,835	96,981	289,982	(S)	(NA)	(NA)
	1954.....	(NA)	1,419	372	37,304	130,670	31,644	61,123	98,242	199,270	92,922	292,195	7,453	(NA)	(NA)
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	39,567	138,863	33,192	64,068	105,019	215,851	(NA)	(NA)	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	39,833	131,620	33,336	64,276	96,916	217,117	(NA)	(NA)	(S)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	40,349	123,055	33,467	61,837	91,464	179,088	(NA)	(NA)	(NA)	(NA)	(NA)
	1947.....	(NA)	1,342	(NA)	42,561	107,466	36,437	73,120	84,632	177,144	74,329	251,473	7,456	(NA)	(NA)
	1939.....	(NA)	1,137	(NA)	(NA)	(NA)	25,891	(NA)	29,341	73,164	30,810	103,974	(NA)	(NA)	(NA)
	1937.....	(NA)	997	(NA)	29,665	39,032	25,333	(NA)	28,665	64,077	30,745	94,822	(NA)	(NA)	(NA)
	1935.....	(NA)	1,022	(NA)	24,206	30,219	20,454	(NA)	21,796	51,297	22,018	73,315	(NA)	(NA)	(NA)
	1933.....	(NA)	863	(NA)	19,563	20,038	16,865	(NA)	16,091	39,471	16,540	56,011	(NA)	(NA)	(NA)
	1931.....	(NA)	1,050	(NA)	(NA)	(NA)	21,216	(NA)	25,356	57,276	22,504	79,780	(NA)	(NA)	(NA)
	1929.....	(NA)	1,108	(NA)	28,819	42,634	24,754	(NA)	31,779	72,028	30,755	102,783	(NA)	(NA)	(NA)
	1927.....	(NA)	1,063	(NA)	25,550	37,113	21,909	(NA)	28,281	61,452	25,875	87,327	(NA)	(NA)	(NA)
	1925.....	(NA)	970	(NA)	24,274	34,119	20,836	(NA)	26,006	56,385	25,215	81,600	(NA)	(NA)	(NA)
	1923.....	(NA)	965	(NA)	23,896	32,730	20,728	(NA)	25,216	52,971	23,988	76,959	(NA)	(NA)	(NA)
	1921.....	(NA)	869	(NA)	20,069	26,209	17,465	(NA)	20,318	43,348	20,506	63,854	(NA)	(NA)	(NA)
	1919.....	(NA)	1,113	(NA)	24,176	26,113	20,361	(NA)	18,659	42,334	23,687	66,021	(NA)	(NA)	(NA)
	1914.....	(NA)	1,124	(NA)	24,555	15,027	21,693	(NA)	11,575	24,389	13,715	38,104	(NA)	(NA)	(NA)
	1909.....	(NA)	1,054	(NA)	(NA)	(NA)	19,938	(NA)	9,676	20,112	11,630	31,742	(NA)	(NA)	(NA)
	1904.....	(NA)	908	(NA)	19,360	9,677	17,713	(NA)	7,887	15,923	9,301	25,224	(NA)	(NA)	(NA)
	1899.....	(NA)	954	(NA)	17,047	7,749	15,971	(NA)	6,672	12,905	7,886	20,791	(NA)	(NA)	(NA)
2791 (old SIC 2791)	Typesetting:														
	1958.....	1,181	1,188	247	18,011	109,352	14,377	27,278	85,430	155,123	22,523	177,186	7,181	93	92
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,943	85,679	12,726	24,909	66,751	132,661	18,434	151,298	(S)	95	91
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,468	86,832	12,648	25,294	67,740	129,403	19,085	148,537	7,010	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,784	78,392	12,029	23,930	61,080	115,978	16,235	132,112	(S)	(NA)	(NA)
	1954.....	1,078	1,081	188	14,550	74,558	11,744	23,082	57,492	107,330	16,052	123,382	4,267	94	87

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expendi- tures, new	Speci- alization ratio <sup>6</sup>	Cov- erage <sup>7</sup>
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2793 (old SIC 2793)	Typesetting—Continued														
	1947.....	793	794	(NA)	11,475	44,906	9,301	19,515	35,409	66,842	8,861	75,703	(NA)	94	87
	1939.....	(NA)	641	(NA)	8,100	14,995	6,244	(NA)	10,425	22,044	3,052	25,096	(NA)	(NA)	(NA)
	1937.....	(NA)	537	(NA)	(NA)	(NA)	6,425	(NA)	10,694	21,360	2,722	24,082	(NA)	(NA)	(NA)
	1935.....	(NA)	544	(NA)	(NA)	(NA)	5,232	(NA)	8,650	17,363	2,363	19,726	(NA)	(NA)	(NA)
	1933.....	(NA)	415	(NA)	(NA)	(NA)	3,692	(NA)	5,645	11,786	1,278	13,064	(NA)	(NA)	(NA)
	1931.....	(NA)	473	(NA)	(NA)	(NA)	4,917	(NA)	10,092	18,507	2,090	20,597	(NA)	(NA)	(NA)
	1929.....	(NA)	484	(NA)	(NA)	(NA)	5,336	(NA)	11,792	23,287	2,228	25,515	(NA)	(NA)	(NA)
	1927.....	(NA)	407	(NA)	5,013	11,190	4,206	(NA)	8,923	17,126	1,975	19,101	(NA)	(NA)	(NA)
	1925.....	(NA)	341	(NA)	3,899	8,664	3,258	(NA)	6,985	13,013	1,460	14,473	(NA)	(NA)	(NA)
	1923.....	(NA)	324	(NA)	3,574	7,377	2,986	(NA)	6,019	11,183	1,430	12,613	(NA)	(NA)	(NA)
	1921.....	(NA)	298	(NA)	3,270	6,814	2,768	(NA)	5,605	9,970	1,257	11,227	(NA)	(NA)	(NA)
	1919.....	(NA)	309	(NA)	3,248	4,879	2,738	(NA)	3,943	7,873	981	8,854	(NA)	(NA)	(NA)
	1914.....	(NA)	216	(NA)	(NA)	(NA)	1,952	(NA)	1,895	3,460	366	3,826	(NA)	(NA)	(NA)
	1909.....	(NA)	158	(NA)	(NA)	(NA)	1,415	(NA)	1,255	2,492	229	2,721	(NA)	(NA)	(NA)
	Photoengraving:														
	1958.....	897	914	272	17,251	125,337	12,344	23,020	91,407	172,158	37,109	208,911	6,992	95	93
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	19,283	131,173	13,785	27,174	93,880	175,858	35,690	210,973	4,100	99	95
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,930	130,057	13,679	27,229	92,879	179,271	35,629	214,219	3,227	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,723	122,620	13,566	27,343	90,660	167,815	34,154	200,688	(S)	(NA)	(NA)
	1954.....	884	891	267	17,711	112,575	12,778	25,575	82,634	149,282	26,057	175,341	3,986	95	93
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	17,020	112,343	12,246	(NA)	83,041	154,006	23,154	177,160	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	13,638	86,822	9,945	(NA)	62,754	119,876	16,550	136,426	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	15,367	92,417	11,162	(NA)	66,210	118,929	18,503	137,432	(NA)	(NA)	(NA)
	1947.....	754	770	(NA)	16,711	80,003	12,234	24,942	57,962	116,131	17,409	133,540	(NA)	96	95
	1939.....	(NA)	694	(NA)	13,747	35,019	9,207	(NA)	22,568	48,258	7,361	55,619	(NA)	(NA)	(NA)
	1937 <sup>14</sup> .....	(NA)	620	(NA)	(NA)	(NA)	9,707	(NA)	23,606	50,095	7,196	57,291	(NA)	(NA)	(NA)
2794 (old SIC 2794)	Electrotyping and stereotyping:														
	1958.....	206	226	111	6,759	44,173	4,966	9,274	31,795	62,675	18,604	81,143	2,216	92	87
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,164	51,979	5,725	11,035	33,849	76,408	18,762	95,264	1,440	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,029	49,840	5,761	11,143	33,204	79,056	17,085	95,972	1,677	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,032	47,999	5,871	11,104	30,711	75,569	16,050	91,485	(S)	(NA)	(NA)
	1954.....	219	233	113	8,005	48,391	5,917	11,728	34,220	69,954	18,320	88,276	1,845	89	89
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,663	46,556	5,925	(NA)	34,210	67,729	18,034	85,763	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,286	44,254	5,444	(NA)	29,467	53,906	11,378	65,284	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	7,298	41,102	5,300	(NA)	26,774	52,407	11,966	64,373	(NA)	(NA)	(NA)
	1947.....	205	237	(NA)	7,173	31,436	5,552	11,477	23,650	47,937	11,047	58,984	(NA)	92	87
	1939.....	(NA)	234	(NA)	6,333	14,445	4,412	(NA)	8,920	22,141	6,904	29,045	(NA)	(NA)	(NA)
	1937.....	(NA)	218	(NA)	6,511	14,830	4,766	(NA)	9,694	24,282	6,761	31,043	(NA)	(NA)	(NA)
	1935.....	(NA)	206	(NA)	5,956	13,959	4,417	(NA)	8,444	23,036	3,831	26,867	(NA)	(NA)	(NA)
	1933.....	(NA)	207	(NA)	4,521	8,021	3,734	(NA)	6,488	17,265	2,741	20,006	(NA)	(NA)	(NA)
	1931.....	(NA)	223	(NA)	(NA)	(NA)	4,857	(NA)	10,917	20,821	3,761	24,582	(NA)	(NA)	(NA)
	1929.....	(NA)	230	(NA)	7,873	18,624	6,487	(NA)	13,771	29,070	6,547	35,617	(NA)	(NA)	(NA)
	1927.....	(NA)	197	(NA)	5,642	13,703	4,502	(NA)	10,273	20,872	4,677	25,549	(NA)	(NA)	(NA)
	1925.....	(NA)	193	(NA)	5,289	11,932	4,283	(NA)	9,207	18,036	4,325	22,361	(NA)	(NA)	(NA)
	1923.....	(NA)	179	(NA)	5,102	10,899	4,096	(NA)	8,334	16,583	4,012	20,596	(NA)	(NA)	(NA)
	1921.....	(NA)	157	(NA)	4,384	9,246	3,617	(NA)	7,082	13,530	3,829	17,359	(NA)	(NA)	(NA)
	1919.....	(NA)	171	(NA)	4,538	7,032	3,664	(NA)	5,003	11,608	4,311	15,919	(NA)	(NA)	(NA)
	1914.....	(NA)	189	(NA)	4,347	4,074	3,457	(NA)	3,001	5,844	2,310	8,154	(NA)	(NA)	(NA)
	1909.....	(NA)	174	(NA)	3,528	3,113	2,850	(NA)	2,312	4,603	1,781	6,384	(NA)	(NA)	(NA)
	1904.....	(NA)	146	(NA)	3,169	2,510	2,679	(NA)	1,993	3,936	1,069	5,005	(NA)	(NA)	(NA)
	1899.....	(NA)	140	(NA)	2,738	1,771	2,408	(NA)	1,459	2,972	800	3,772	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued on next page



Footnotes for Table 1-MC-27C

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2771	131,343	2791	106,909
2782	97,561	2793	148,876
2789	101,709	2794	69,594

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2771	107,460	77,561	2791	20,761	14,481
2782	79,208	60,293	2793	35,153	24,163
2789	46,497	32,629	2794	14,899	16,299

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2771	276,023	208,905	2791	175,136	121,390
2782	211,480	157,855	2793	205,994	173,040
2789	176,477	134,340	2794	77,727	85,894

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>"Greeting cards" was formerly a part of the discontinued classification, "Printing and publishing, book, music and job," "Engraving, steel copper-plate, and wood, and plate printing," and "Lithographing." Separate figures are, therefore, not available prior to 1937.

<sup>10</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2782, Blankbooks and paper ruling, and 2783 Loose-leaf binders and devices. The data for 1957 and earlier years for these two industries have been combined.

<sup>11</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, value added by manufacture, etc. can be determined by observing the differences between the data on this line with those for 1958 on the line immediately above which presents the statistics on the new SIC basis. The resulting shifts are further described in table 1A.

<sup>12</sup>"Bookbinding," "Blankbook making and paper ruling," "Loose-leaf binders and devices," and "Miscellaneous bookbinding work" constituted a single industry classification prior to 1939. The separate industry figures for 1939-1958 have been combined in the accompanying table below in order that statistics can be shown for the entire period 1899-1958.

<sup>13</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2781, Bookbinding, and 2789, Miscellaneous bookbinding work. The data for 1957 and earlier years for these two industries have been combined.

<sup>14</sup>The figures for "Photoengraving" prior to 1937 are not sufficiently comparable with those for later years to be shown in this table because they include data for establishments primarily engaged in gravure, rotogravure, and rotary photogravure work.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Employees, number	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2782, Blankbooks; Looseleaf Binders.....	434	166	17,872	132,660	xxx	xxx	xxx	xxx
Old Industry 2782, Blankbooks and Paper Ruling.....	289	95	8,141	59,244	310	110	10,840	83,239
Old Industry 2783, Looseleaf Binders and Devices...	136	64	9,079	69,159	138	65	9,150	69,594
Old Industry 2751, Commercial Printing.....	3	3	227	1,771	xxx	xxx	xxx	xxx
All other industries <sup>1</sup> .....	6	4	425	2,486	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.-General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- pend- itures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2771	Greeting cards, total.....	282	100	21,777	89,405	14,799	28,297	50,553	178,563	291,480	5,154	21,347	131,343	18,053
	New England.....	38	20	4,078	15,926	2,816	5,375	8,481	32,451	49,717	502	3,916	21,672	3,089
	Massachusetts..	24	13	2,715	11,149	1,765	3,380	5,796	22,217	32,938	( <sup>3</sup> )	2,821	13,985	2,634
	Connecticut....	5	2	241	734	181	319	525	1,513	1,048	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Middle Atlantic..	128	43	5,875	23,230	4,315	8,085	14,275	45,051	84,143	1,369	6,576	41,605	5,776
	New York.....	106	34	5,272	21,131	3,843	7,209	12,947	41,029	77,426	1,166	5,724	37,187	5,116
	New Jersey.....	10	3	199	765	148	302	458	1,779	3,321	( <sup>3</sup> )	190	1,135	250
	Pennsylvania...	12	6	404	1,334	324	574	870	2,243	3,396	( <sup>3</sup> )	662	3,282	410
	North Central....	59	28	10,667	45,238	6,964	13,458	25,006	90,603	142,166	2,958	9,947	62,313	8,652
	Ohio.....	12	7	3,623	17,303	2,382	4,554	8,644	37,170	54,367	1,086	3,749	23,324	3,187
	Illinois.....	27	13	2,647	9,014	1,761	3,463	5,737	14,517	26,357	( <sup>3</sup> )	2,653	12,674	3,091
	South.....	17	3	208	968	141	256	560	2,154	3,995	( <sup>3</sup> )	208	831	(D)
	West.....	40	6	949	4,043	563	1,123	2,231	8,304	11,459	( <sup>3</sup> )	(NA)	(NA)	(NA)
	California.....	37	6	931	3,952	549	1,097	2,173	8,001	11,013	( <sup>3</sup> )	217	( <sup>2</sup> )	( <sup>2</sup> )
2782	Blankbooks; loose-leaf binders, total.....	434	166	17,872	79,024	13,756	26,838	52,740	132,660	217,862	6,805			
	New England.....	41	14	2,312	9,424	1,910	3,694	7,017	16,485	26,959	( <sup>3</sup> )			
	Massachusetts..	29	11	2,084	8,192	1,733	3,332	6,197	14,694	24,364	( <sup>3</sup> )			
	Middle Atlantic..	171	59	6,246	27,232	4,880	9,683	18,410	45,964	80,643	2,289			
	New York.....	131	44	4,105	17,963	3,057	6,116	11,300	30,633	51,785	1,466			
	New Jersey.....	16	7	1,580	6,958	1,358	2,778	5,624	11,696	23,282	728			
	Pennsylvania...	24	8	561	2,311	465	789	1,486	3,635	5,576	( <sup>3</sup> )			
	East North													
	Central.....	85	42	4,601	20,679	3,429	6,664	12,892	34,511	54,457	2,403			
	Ohio.....	20	11	781	3,488	553	1,076	2,018	6,363	9,927	936			
	Indiana.....	4	3	139	581	103	196	375	1,019	1,665	( <sup>3</sup> )			
	Illinois.....	44	21	2,690	11,961	2,026	4,035	7,736	20,469	32,169	1,190			
	Michigan.....	9	3	351	1,650	259	462	1,066	2,440	3,636	( <sup>3</sup> )			
	Wisconsin.....	8	4	640	2,999	488	895	1,697	4,220	7,060	( <sup>3</sup> )			
	West North											( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	Central.....	35	14	1,048	4,850	767	1,452	3,027	7,793	13,926	( <sup>3</sup> )			
	Missouri.....	16	7	430	1,781	339	674	1,185	3,037	6,203	( <sup>3</sup> )			
	Kansas.....	4	3	204	954	163	340	678	1,962	3,160	( <sup>3</sup> )			
	South Atlantic...	30	7	1,050	4,985	817	1,545	3,130	7,325	11,312	521			
	Maryland.....	9	5	719	3,512	558	1,084	2,189	4,849	7,725	( <sup>3</sup> )			
	Georgia.....	6	1	216	1,046	161	300	630	1,646	2,429	( <sup>3</sup> )			
	East South													
	Central.....	12	4	295	1,178	179	363	710	1,824	3,196	( <sup>3</sup> )			
	West South													
	Central.....	17	8	699	2,651	510	1,020	1,748	5,963	8,583	( <sup>3</sup> )			
	Texas.....	11	6	578	2,141	453	909	1,529	5,240	7,269	( <sup>3</sup> )			
	Mountain.....	4	1	121	635	95	183	457	845	1,238	( <sup>3</sup> )			
	Pacific.....	39	17	1,500	7,390	1,169	2,234	5,349	11,950	17,647	( <sup>3</sup> )			
	California.....	34	13	1,350	6,681	1,050	2,014	4,850	10,740	15,897	( <sup>3</sup> )			
2789	Bookbinding and related work, total	972	294	22,160	87,448	19,480	37,378	69,000	132,722	181,987	6,621	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	New England.....	66	21	1,222	4,578	1,048	1,892	3,336	7,148	9,869	( <sup>3</sup> )	1,697	7,600	2,878
	Massachusetts..	49	16	919	3,382	813	1,473	2,590	4,807	6,220	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Connecticut....	9	4	244	1,015	185	337	590	2,082	3,171	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Middle Atlantic..	439	124	11,005	43,230	9,782	19,065	34,953	66,060	85,667	2,615	10,470	51,757	13,670
	New York.....	344	93	8,912	35,327	7,979	15,666	29,118	54,010	69,740	1,810	8,770	43,500	10,342
	New Jersey.....	41	9	743	2,743	654	1,217	2,139	4,702	6,739	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Pennsylvania...	54	22	1,350	5,160	1,149	2,182	3,696	7,348	9,188	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	East North													
	Central.....	189	76	5,627	24,008	4,892	9,656	18,426	34,578	51,572	1,699	(NA)	(NA)	(NA)
	Ohio.....	42	14	672	2,599	596	1,216	2,042	3,501	4,718	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Indiana.....	13	4	380	1,268	325	608	983	1,945	2,639	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Illinois.....	100	40	3,514	15,351	3,059	6,097	11,851	22,482	35,022	980	3,303	11,827	3,280
	Michigan.....	23	15	851	3,916	738	1,396	2,884	5,241	6,987	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Wisconsin.....	11	3	210	874	174	339	666	1,409	2,206	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	West North													
	Central.....	58	14	1,045	3,981	915	1,576	2,905	6,181	9,391	( <sup>3</sup> )	601	3,161	713
	Iowa.....	8	2	160	666	146	324	417	606	1,471	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Missouri.....	25	11	747	2,888	648	1,052	2,127	4,628	6,598	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	South Atlantic...	56	23	1,229	4,080	1,065	1,948	3,210	6,567	8,880	508	(NA)	(NA)	(NA)
	Maryland.....	14	8	636	2,164	557	1,045	1,727	3,451	4,693	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Florida.....	13	4	166	482	144	240	398	670	894	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	East South													
	Central.....	14	4	221	664	187	354	508	1,041	1,842	( <sup>3</sup> )	(NA)	(NA)	(NA)
	West South													
	Central.....	31	11	484	1,670	416	822	1,382	2,744	3,720	( <sup>3</sup> )	(NA)	(NA)	(NA)
	Texas.....	17	8	360	1,198	312	627	1,016	1,952	2,685	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2789	Bookbinding and related work—Con.													
	Mountain.....	19	4	190	703	166	310	572	921	1,445	(3)	(NA)	(NA)	(NA)
	Pacific.....	100	17	1,137	4,534	1,009	1,755	3,708	7,482	9,601	806	(NA)	(NA)	(NA)
	California.....	90	16	1,044	4,135	921	1,592	3,331	6,827	8,819	748	(2)	(2)	(2)
2791	Typesetting, total.	1,188	247	18,011	109,352	14,377	27,278	85,430	155,123	177,186	7,181	14,550	106,909	11,475
	New England.....	80	23	1,273	6,756	1,035	1,933	5,208	10,076	11,400	(3)	908	5,759	874
	Massachusetts..	42	14	716	3,883	559	1,024	2,877	5,744	6,414	(3)	488	3,009	678
	Middle Atlantic..	396	103	7,656	45,902	5,997	11,287	35,472	63,985	73,006	2,066	6,175	43,775	5,252
	New York.....	286	74	5,250	32,976	4,105	7,729	25,480	45,615	52,087	1,420	4,730	34,507	3,807
	New Jersey.....	41	6	466	2,374	381	656	2,030	3,294	3,726	(3)	230	1,444	114
	Pennsylvania....	69	23	1,940	10,552	1,511	2,902	7,962	15,076	17,193	(3)	1,214	7,823	1,331
	East North													
	Central.....	292	64	4,914	32,746	3,961	7,621	25,640	45,004	51,517	2,426	4,142	33,561	3,296
	Ohio.....	72	15	931	5,764	710	1,355	4,417	8,137	9,618	(3)	897	7,010	651
	Indiana.....	26	8	333	1,921	274	552	1,566	2,679	2,868	(3)	252	1,845	224
	Illinois.....	131	30	2,658	18,183	2,210	4,268	14,572	24,616	28,254	1,629	1,964	15,923	1,424
	Michigan.....	43	9	811	5,825	634	1,205	4,329	8,076	9,096	(3)	823	7,306	760
	Wisconsin.....	20	2	181	1,053	133	241	756	1,496	1,681	(3)	205	1,474	237
	West North													
	Central.....	85	12	902	5,119	713	1,236	3,980	7,478	8,554	(3)	834	6,042	605
	Minnesota.....	16	6	289	1,518	217	322	1,142	2,120	2,508	(3)	234	1,648	185
	Missouri.....	48	5	496	2,972	395	733	2,294	4,305	4,853	(3)	504	3,692	337
	South Atlantic...	91	13	968	5,378	791	1,475	4,214	7,983	9,225	669	680	4,473	(b)
	Maryland.....	19	5	337	1,942	265	513	1,550	2,941	3,322	(3)	217	1,483	172
	District of Columbia.....	17	3	199	1,183	166	279	855	1,538	1,969	(3)	218	1,590	6
	Georgia.....	10	3	174	1,012	139	254	768	1,463	1,596	(3)	100	628	79
	East South													
	Central.....	24	5	269	1,371	221	431	1,111	1,813	2,172	(3)	259	1,514	173
	West South													
	Central.....	57	9	638	3,609	520	1,072	2,976	5,313	5998	(3)	501	3,426	263
	Texas.....	39	7	505	2,903	403	835	2,367	4,220	4,786	(3)	403	2,833	217
	Mountain.....	15	2	133	699	108	204	576	1,185	1,311	(3)	106	778	52
	Pacific.....	148	16	1,258	7,772	1,031	2,019	6,253	12,286	14,003	744	940	7,577	627
	California.....	129	14	1,144	7,081	939	1,859	5,695	11,184	12,794	694	830	6,700	545
2793	Photoengraving, total.....	914	272	17,251	125,337	12,344	23,020	91,407	172,158	208,911	6,992	17,711	148,876	16,711
	New England.....	84	25	1,319	8,890	969	1,784	6,686	11,693	14,416	533	1,246	9,571	1,322
	Massachusetts..	36	11	547	3,418	387	695	2,585	4,196	5,093	(3)	555	3,628	666
	Rhode Island...	10	3	136	864	97	169	620	1,241	1,468	(3)	126	868	128
	Connecticut....	29	11	579	4,310	438	836	3,251	5,853	7,304	(3)	498	4,649	476
	Middle Atlantic..	240	97	6,496	50,960	4,668	8,770	37,930	71,191	84,951	2,162	6,727	58,872	6,650
	New York.....	141	64	4,638	37,992	3,311	6,223	28,258	53,640	63,567	1,490	4,816	44,592	4,736
	New Jersey.....	33	11	540	3,857	379	721	2,777	5,297	6,230	(3)	382	3,069	337
	Pennsylvania....	66	22	1,318	9,111	978	1,826	6,895	12,254	15,154	(3)	1,529	11,210	1,577
	East North													
	Central.....	208	82	4,950	36,942	3,533	6,537	26,490	46,922	56,629	2,029	5,646	47,574	4,828
	Ohio.....	57	22	989	6,602	686	1,281	4,726	8,838	10,604	535	1,155	9,151	1,002
	Indiana.....	20	6	371	2,250	264	439	1,571	2,750	3,489	(3)	393	2,923	377
	Illinois.....	70	31	2,504	20,168	1,767	3,270	14,285	25,184	30,483	1,168	2,933	25,080	2,543
	Michigan.....	40	17	783	5,898	590	1,128	4,398	7,500	8,823	(3)	833	7,753	606
	Wisconsin.....	21	6	303	2,024	226	419	1,510	2,650	3,230	(3)	331	2,665	300
	West North													
	Central.....	63	13	836	5,463	567	1,059	3,712	7,813	9,305	(3)	832	6,219	919
	Iowa.....	9	1	101	623	69	129	413	1,001	1,230	(3)	130	857	80
	Missouri.....	24	7	404	2,533	268	506	1,739	3,686	4,302	(3)	410	3,026	419
	South Atlantic...	93	20	1,253	7,720	942	1,796	5,830	11,237	14,094	758	883	6,497	759
	Maryland.....	9	3	148	949	83	160	601	1,264	1,454	(3)	165	1,228	142
	District of Columbia.....	4	3	119	1,010	86	169	762	1,421	1,687	(3)	144	1,213	149
	Virginia.....	17	4	201	1,350	156	308	1,031	1,930	2,354	(3)	129	937	111
	North Carolina.	10	4	252	1,195	210	406	954	1,867	2,595	(3)	117	803	91
	Georgia.....	19	2	229	1,311	176	326	1,006	2,122	2,749	(3)	154	1,026	153
	Florida.....	23	4	239	1,581	182	343	1,221	2,163	2,665	(3)	(2)	(2)	(2)
	East South													
	Central.....	21	6	286	1,662	190	384	1,170	2,493	3,255	(3)	289	2,210	206
	Tennessee.....	9	3	169	1,034	116	240	712	1,487	2,001	(3)	159	1,236	104
	West South													
	Central.....	57	7	548	3,298	386	750	2,328	4,953	6,379	(3)	574	4,600	531
	Oklahoma.....	9	3	103	593	76	141	412	937	1,224	(3)	(NA)	(NA)	(NA)
	Texas.....	38	4	360	2,234	249	490	1,574	3,343	4,266	(3)	410	3,334	338
	Mountain.....	30	2	194	1,258	138	248	866	1,914	2,557	(3)	213	1,756	159
	Pacific.....	118	20	1,369	9,144	951	1,692	6,395	13,942	17,325	735	1,298	11,574	1,337
	Washington.....	12	2	131	761	81	135	514	1,081	1,393	(3)	127	1,026	135
	California.....	98	17	1,160	7,868	819	1,455	5,533	12,022	14,929	621	1,129	10,202	1,123

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2794	Electrotyping and stereotyping, total.....	226	111	6,759	44,173	4,966	9,274	31,795	62,675	81,143	2,216	8,005	69,594	7,173
	New England.....	16	9	536	3,527	384	729	2,527	4,435	5,790	(3)	599	4,518	468
	Massachusetts...	11	5	304	2,024	223	402	1,410	2,591	3,235	(3)	344	2,914	111
	Middle Atlantic...	62	37	2,347	15,406	1,668	3,056	10,819	22,224	28,657	(3)	3,153	27,065	2,443
	New York.....	46	30	1,919	12,556	1,350	2,516	8,759	18,517	24,270	(3)	2,263	20,521	1,850
	Pennsylvania....	13	6	388	2,613	290	498	1,895	3,432	4,037	(3)	843	6,146	546
	East North Central.....	76	40	2,526	17,129	1,949	3,625	12,718	24,671	31,948	1,360	3,047	28,252	3,072
	Ohio.....	20	12	609	3,606	453	818	2,621	4,609	6,252	(3)	569	4,496	716
	Indiana.....	5	3	168	992	134	258	738	1,282	1,644	(3)	192	1,438	197
	Illinois.....	27	14	1,090	7,993	858	1,649	6,060	12,768	16,565	1,025	1,549	15,063	1,674
	Michigan.....	15	8	464	3,230	359	637	2,375	4,238	5,282	(3)	508	5,407	354
	Wisconsin.....	9	3	195	1,308	145	263	924	1,774	2,205	(3)	228	1,846	131
	West North Central.....	18	8	451	2,629	338	634	1,897	3,500	4,426	(3)	403	3,006	429
	Minnesota.....	5	2	143	904	112	205	726	1,194	1,428	(3)	142	1,196	88
	Missouri.....	10	5	261	1,343	187	375	960	1,920	2,515	(3)	193	1,301	241
	South Atlantic....	16	6	214	1,344	155	297	899	1,895	2,385	(3)	227	1,511	(NA)
	East South Central.....	7	2	175	979	134	281	652	1,201	1,768	(3)	127	910	(NA)
	West South Central.....	8	1	65	396	50	97	317	614	782	(3)	61	486	(NA)
	Mountain.....	4	...	3	9	3	4	9	49	79	(3)	4	35	111
	Pacific.....	19	8	442	2,754	285	551	1,957	4,086	5,308	(3)	421	3,808	369
	California.....	15	8	422	2,623	270	526	1,852	3,868	5,041	(3)	371	3,344	328

Note: Detailed figures may not add to the totals because of independent rounding. r Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2771, Greeting cards: New England—Maine, 1 (1-19); New Hampshire, 2 (250-499); Vermont, 4 (250-499); Rhode Island, 2 (250-499); North Central—Indiana, 1 (1-19); Michigan, 4 (100-249); Wisconsin, 1 (1-19); Minnesota, 1 (20-99); Iowa, 5 (20-99); Missouri, 4 (3122); Kansas, 4 (1,000-2,499); South—Maryland, 2 (100-249); District of Columbia, 2 (20-99); Georgia, 1 (1-19); Florida, 7 (20-99); Kentucky, 2 (1-19); Oklahoma, 1 (1-19); Texas, 2 (1-19); West—Colorado, 1 (1-19); Washington, 2 (1-19).

SIC 2782, Blankbooks; looseleaf binders: New England—Maine, 2 (1-19); New Hampshire, 1 (100-249); Rhode Island, 2 (1-19); Connecticut, 7 (20-99); West North Central—Minnesota, 8 (250-499); Iowa, 4 (20-99); South Dakota, 2 (20-99); Nebraska, 1 (1-19); South Atlantic—Delaware, 1 (1-19); District of Columbia, 1 (1-19); Virginia, 4 (20-99); North Carolina, 3 (1-19); South Carolina, 1 (1-19); Florida, 5 (20-99); East South Central—Kentucky, 2 (20-99); Tennessee, 4 (100-249); Alabama, 4 (20-99); Mississippi, 2 (20-99); West South Central—Louisiana, 3 (20-99); Oklahoma, 3 (20-99); Mountain—Idaho, 1 (1-19); Colorado, 2 (1-19); Arizona, 1 (20-99); Pacific—Washington, 2 (20-99); Oregon, 3 (20-99).

SIC 2789, Bookbinding and related work: New England—Maine, 3 (1-19); New Hampshire, 2 (1-19); Rhode Island, 3 (20-99); West North Central—Minnesota, 12 (20-99); South Dakota, 1 (1-19); Nebraska, 4 (1-19); Kansas, 8 (20-99); South Atlantic—Delaware, 1 (1-19); District of Columbia, 7 (100-249); Virginia, 6 (20-99); West Virginia, 1 (1-19); North Carolina, 8 (100-249); South Carolina, 1 (1-19); Georgia, 5 (20-99); East South Central—Kentucky, 2 (1-19); Tennessee, 6 (100-249); Alabama, 4 (20-99); Mississippi, 2 (1-19); West South Central—Arkansas, 2 (1-19); Louisiana, 6 (20-99); Oklahoma, 6 (20-99); Mountain—Colorado, 9 (20-99); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 5 (20-99); Pacific—Washington, 8 (20-99); Oregon, 2 (1-19).

SIC 2791, Typesetting: New England—Maine, 3 (20-99); New Hampshire, 3 (20-99); Vermont, 1 (20-99); Rhode Island, 5 (20-99); Connecticut, 26 (250-499); West North Central—Iowa, 9 (20-99); Nebraska, 6 (20-99); Kansas, 6 (20-99); South Atlantic—Delaware, 2 (1-19); Virginia, 8 (20-99); North Carolina, 9 (20-99); South Carolina, 1 (1-19); Florida, 25 (100-249); East South Central—Kentucky, 8 (20-99); Tennessee, 11 (100-249); Alabama, 4 (1-19); Mississippi, 1 (1-19); West South Central—Louisiana, 10 (20-99); Oklahoma, 8 (20-99); Mountain—Colorado, 8 (20-99); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 2 (20-99); Pacific—Washington, 12 (20-99); Oregon, 7 (20-99).

SIC 2793, Photoengraving: New England—Maine, 3 (20-99); New Hampshire, 6 (20-99); West North Central—Minnesota, 14 (100-249); North Dakota, 1 (1-19); South Dakota, 2 (1-19); Nebraska, 6 (20-99); Kansas, 7 (20-99); South Atlantic—Delaware, 1 (1-19); West Virginia, 5 (20-99); South Carolina, 5 (20-99); East South Central—Kentucky, 7 (20-99); Alabama, 5 (20-99); West South Central—Arkansas, 4 (20-99); Louisiana, 6 (20-99); Mountain—Montana, 2 (1-19); Idaho, 2 (1-19); Wyoming, 1 (1-19); Colorado, 10 (20-99); New Mexico, 2 (1-19); Arizona, 7 (20-99); Utah, 5 (1-19); Nevada, 1 (1-19); Pacific—Oregon, 8 (20-99).

SIC 2794, Electrotyping and stereotyping: New England—New Hampshire, 1 (1-19); Connecticut, 4 (100-249); Middle Atlantic—New Jersey, 3 (20-99); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 3 (20-99); District of Columbia, 7 (20-99); Virginia, 1 (20-99); Georgia, 3 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 1 (1-19); Tennessee, 5 (100-249); Alabama, 1 (1-19); West South Central—Louisiana, 2 (1-19); Oklahoma, 1 (1-19); Texas, 5 (20-99); Mountain—Colorado, 3 (1-19); Utah, 1 (1-19); Pacific—Washington, 3 (1-19); Oregon, 1 (1-19).

<sup>2</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>See footnotes 10 and 11 of table 1 regarding the revisions in the Standard Industrial Classification affecting this industry. Table 2A presents comparable data for 1958 and 1954 on the old SIC basis.

<sup>5</sup>See footnote 13 of table 1.



Table 2A.—General Statistics by Regions, and States on Old SIC System. 1958 and 1954

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2-82	Blankbooks and loose-leaf binders, total <sup>1</sup> ....	448	175	19,934	87,957	15,202	29,981	58,358	151,019	248,088	7,302	16,823	97,561	...
2-83	New England.....	41	14	2,312	9,424	1,910	3,709	7,017	16,174	26,959	(D)	2,335	11,061	...
	Middle Atlantic.....	176	59	6,529	28,728	5,069	10,165	19,453	49,950	86,925	2,404	5,913	34,430	...
	New York.....	135	44	4,397	19,533	3,254	6,583	12,401	34,911	58,420	1,581	4,172	25,066	...
	East North Central.....	89	45	5,537	25,310	3,918	7,732	15,223	41,802	66,051	2,638	4,848	28,457	...
	Ohio.....	22	13	1,444	6,838	863	1,724	3,447	11,509	17,438	(D)	1,741	7,007	...
	Illinois.....	44	20	2,557	11,253	1,931	3,874	7,367	19,595	30,587	1,179	1,840	10,692	...
	Michigan.....	11	5	757	3,639	533	1,038	2,337	5,459	9,301	(D)	974	4,323	...
	West North Central.....	37	15	1,272	5,927	927	1,789	3,739	9,660	17,239	532	819	4,758	...
	South.....	60	20	2,506	9,633	2,005	3,902	6,353	18,647	29,127	825	1,154	5,981	...
	West.....	45	22	1,778	8,935	1,373	2,684	6,573	14,786	21,787	(D)	1,754	12,874	...

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>See footnote 11 of table 1; table 2A is based on the 1945 SIC.

Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Greeting cards (SIC 2771)	Blankbooks, Loose leaf binders (SIC 2782)	Bookbinding and related work (SIC 2789)	Typesetting (SIC 2791)	Photo-engraving (SIC 2793)	Electro-typing and stereo-typing (SIC 2794)
Primary product specialization ratio <sup>1</sup> .....	94	85	94	93	95	92
Coverage ratio <sup>2</sup> .....	93	84	86	92	93	87
Number of establishments, total.....	282	434	972	1,188	914	226
With 1-19 employees.....	182	268	678	941	642	115
With 20-99 employees.....	58	120	261	225	254	99
With 100 employees or more.....	42	46	33	22	18	12
Proprietors and working partners.....Number...	139	245	710	855	483	54
All employees:						
Number (average for the year).....	21,777	17,872	22,160	18,011	17,251	6,759
Payroll.....\$1,000...	89,405	79,024	87,448	109,352	125,337	44,173
Production workers:						
Number (average for the year).....	14,799	13,756	19,480	14,377	12,344	4,966
March.....	13,384	13,828	19,436	14,499	12,672	5,049
May.....	13,959	13,616	19,280	14,515	12,762	5,015
August.....	15,625	13,708	19,607	14,276	12,580	4,930
November.....	16,255	13,815	19,725	14,528	12,521	4,920
Man-hours.....1,000...	28,297	26,838	37,378	27,278	23,020	9,274
January-March.....do....	6,512	6,651	9,111	6,929	5,913	2,409
April-June.....do....	6,873	6,656	9,300	6,722	5,758	2,311
July-September.....do....	7,189	6,544	9,145	6,457	5,478	2,216
October-December.....do....	7,655	6,700	9,501	6,720	5,645	2,301
Wages.....\$1,000...	50,553	52,740	69,000	85,430	91,407	31,795
Cost of materials, etc., total.....do....	117,153	83,325	48,646	22,523	37,109	18,604
Materials, parts, containers, and supplies consumed.....do....	71,982	74,287	37,158	16,462	31,567	13,806
Cost of resales.....do....	9,693	4,117	2,149	1,762	1,956	3,705
Fuels consumed.....do....	501	383	421	324	393	368
Electricity purchased.....do....	943	794	984	1,057	1,244	841
Contract work.....do....	34,041	3,745	7,934	2,894	2,051	591
Value of shipments (including resales), total.....do....	291,480	217,862	181,987	177,186	208,911	81,143
Value of resales.....do....	15,457	6,382	5,510	2,050	2,917	3,416
Value added by manufacture, adjusted.....do....	178,563	132,660	132,722	155,123	172,158	62,675
Manufacturers' inventories:						
Beginning of year, total.....do....	50,757	35,810	13,182	8,976	6,774	3,229
Finished products.....do....	19,979	12,068	2,936	817	482	410
Work-in-process.....do....	19,628	8,241	5,692	4,270	1,741	245
Materials, supplies, fuel, etc.....do....	11,150	15,501	4,554	3,889	4,551	2,574
End of year, total.....do....	53,216	32,845	12,710	9,709	6,797	3,305
Finished products.....do....	22,997	11,178	2,845	986	605	510
Work-in-process.....do....	20,243	7,556	5,185	4,344	1,732	305
Materials, supplies, fuel, etc.....do....	9,976	14,111	4,680	4,379	4,460	2,490
Expenditures for plant and equipment, total.....do....	5,548	6,656	7,232	8,193	7,769	2,413
New, total.....do....	5,154	6,805	6,621	7,181	6,992	2,216
New structures and additions to plant.....do....	1,343	1,602	1,055	1,312	1,222	1,027
New machinery and equipment.....do....	3,811	5,203	5,566	5,869	5,770	1,189
Used plant and equipment.....do....	394	1,149	611	1,012	777	197

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. r Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2771	Greeting cards:											
	Number of establishments.....	282	114	43	25	37	21	27	9	...	5	1
	All employees:											
	Number.....	21,777	231	295	361	1,211	1,457	4,622	3,298	...	10,302	(D)
	Payroll.....\$1,000..	89,405	725	1,211	1,630	4,531	6,812	16,714	11,272	...	46,520	(D)
	Value added, adjusted..do....	178,563	2,346	2,667	3,937	9,223	11,885	28,500	23,772	...	96,222	(D)
	Value of shipments.....do....	291,480	4,688	4,686	7,658	16,046	21,444	49,920	44,777	...	142,261	(D)
	Capital expend., new...do....	5,154	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	692	( <sup>1</sup> )	...	2,881	(D)
2782	Blankbook; looseleaf binders:											
	Number of establishments.....	434	141	67	60	74	46	36	5	5	...	...
	All employees:											
	Number.....	17,872	278	453	826	2,280	3,325	5,401	1,748	3,561	...	...
	Payroll.....\$1,000..	79,024	1,063	1,806	3,541	9,926	15,140	24,223	6,742	16,583	...	...
	Value added, adjusted..do....	132,660	2,452	3,378	5,908	16,002	23,505	39,293	9,648	32,474	...	...
	Value of shipments.....do....	217,862	3,741	5,438	10,546	26,497	41,098	64,892	16,324	49,326	...	...
	Capital expend., new...do....	6,805	( <sup>1</sup> )	979	( <sup>1</sup> )	682	995	2,108	( <sup>1</sup> )	1,450	...	...
2789	Bookbinding and related work:											
	Number of establishments.....	972	309	178	191	199	62	26	6	...	1	...
	All employees:											
	Number.....	22,160	674	1,181	2,649	6,059	4,270	4,168	3,159	...	(D)	...
	Payroll.....\$1,000..	87,448	2,047	4,347	10,355	24,282	17,244	16,168	13,005	...	(D)	...
	Value added, adjusted..do....	132,722	5,210	7,598	16,129	36,368	24,932	26,338	18,147	...	(D)	...
	Value of shipments.....do....	181,987	6,615	10,066	20,581	46,235	33,850	36,159	28,481	...	(D)	...
	Capital expend., new...do....	6,621	( <sup>1</sup> )	518	935	2,055	1,328	1,093	420	...	(D)	...
2791	Typesetting:											
	Number of establishments.....	1,188	504	224	213	162	63	20	2	...	...	...
	All employees:											
	Number.....	18,011	1,071	1,502	2,929	4,859	4,168	3,482	(D)	...	...	...
	Payroll.....\$1,000..	109,352	4,867	8,172	16,619	29,825	26,759	23,110	(D)	...	...	...
	Value added, adjusted..do....	155,123	10,757	12,688	24,797	41,516	34,603	30,762	(D)	...	...	...
	Value of shipments.....do....	177,186	12,969	15,073	28,287	47,067	39,693	34,097	(D)	...	...	...
	Capital expend., new...do....	7,181	822	698	1,635	1,745	936	1,345	(D)	...	...	...
2793	Photoengraving:											
	Number of establishments.....	914	253	184	205	197	57	18	...	...	...	...
	All employees:											
	Number.....	17,251	595	1,228	2,835	6,028	3,740	2,825	...	...	...	...
	Payroll.....\$1,000..	125,337	2,928	7,362	17,761	42,401	29,484	25,401	...	...	...	...
	Value added, adjusted..do....	172,158	6,516	11,845	25,131	55,996	38,434	34,236	...	...	...	...
	Value of shipments.....do....	208,911	8,915	15,517	30,804	67,212	45,045	41,418	...	...	...	...
	Capital expend., new...do....	6,992	658	641	1,981	1,876	1,097	739	...	...	...	...
2794	Electrotyping and stereotyping:											
	Number of establishments.....	226	40	30	45	70	29	11	1	...	...	...
	All employees:											
	Number.....	6,759	90	198	629	2,149	1,943	1,750	(D)	...	...	...
	Payroll.....\$1,000..	44,173	409	1,083	3,927	13,695	13,009	12,050	(D)	...	...	...
	Value added, adjusted..do....	62,675	707	1,632	5,640	18,546	17,751	18,399	(D)	...	...	...
	Value of shipments.....do....	81,143	1,393	2,229	7,459	23,201	23,256	23,605	(D)	...	...	...
	Capital expend., new...do....	2,216	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,022	(D)	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Less than \$500 thousand.



Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2771	Greeting cards.....1958..	291,480	256,842	15,108	19,530	94	276,588	256,842	19,746	93
	1954..	220,339	194,535	13,948	11,860	93	217,501	194,535	22,966	89
2782	Blankbooks; looseleaf binders..1958..	217,862	180,033	30,685	7,144	85	213,648	180,033	33,615	84
2785	Bookbinding and related work...1958..	181,987	164,365	9,849	7,773	94	190,956	164,365	26,591	86
	1954..	138,865	121,855	11,196	5,824	91	139,766	121,855	17,951	87
2791	Typesetting.....1958..	177,186	161,764	12,473	2,949	93	175,466	161,764	13,702	92
	1954..	123,382	114,327	6,690	2,365	94	132,135	114,327	17,808	87
2793	Photoengraving.....1958..	208,911	193,550	10,928	4,433	95	208,510	193,550	14,960	93
	1954..	175,341	163,692	8,163	3,486	95	176,126	163,692	12,434	93
2794	Electrotyping and stereotyping..1958..	81,143	70,796	6,289	4,058	92	81,479	70,796	10,683	87
	1954..	88,276	75,237	9,489	3,550	89	84,439	75,237	9,202	89

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

Table 5B.-Industry-Product Analysis-Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries.)

Prod. class code	Class of products and miscellaneous receipts	Greeting cards (SIC 2771)	Blank books, loose-leaf binders (SIC 2782)	Book-binding and related work (SIC 2789)	Type-setting (SIC 2791)	Photo-engraving (SIC 2793)	Electrotyping and stereotyping (SIC 2794)	News-papers (SIC 2711)	Book printing (SIC 2732)	Printing: Letterpress (SIC 2751)	Printing: Lithographic (SIC 2752)	Other industries	All industries
	Total value of receipts of the industry.....	291,480	217,862	181,987	177,186	208,911	81,143	xxx	xxx	xxx	xxx	xxx	xxx
	Greeting cards, bookbinding, and printing services.....	256,844	184,105	169,419	165,901	196,700	(D)	xxx	xxx	xxx	xxx	xxx	xxx
27711	Greeting cards, publishers' sales.....	224,770	...	...	...	...	...	...	(1)	2,475	2,143	4,582	233,970
27712	Greeting cards, printed for publication by others.....	27,529	(1)	...	(1)	...	...	...	609	1,159	8,133	511	37,941
27710	Greeting cards, not specified by kind.....	4,543	...	...	...	...	...	...	..	(1)	(1)	134	4,677
27821	Blankbook making.....	...	94,816	1,906	(1)	...	...	...	328	6,738	7,809	26,892	118,489
27822	Looseleaf binders and devices..	...	85,217	3,148	...	...	...	...	923	3,233	880	1,758	95,159
27891	Edition, library, and other hard cover bookbinding.....	...	700	69,664	...	...	...	...	6,141	268	142	36,359	83,274
27892	Other book and pamphlet binding and related binding work.....	(1)	3,252	83,349	(1)	...	(D)	(1)	138	5,237	2,393	1,435	95,804
27890	Bookbinding and miscellaneous related work, not specified by kind.....	...	137	11,352	...	...	...	(1)	(1)	331	(1)	58	11,878
27910	Typesetting.....	...	(1)	161,764	529	1,346	330	3,379	5,729	1,868	521	175,466	
27930	Photoengraving.....	...	...	1,066	193,550	1,297	6,116	(1)	1,418	3,382	1,681	208,510	
27940	Electrotyping and stereotyping	...	...	3,071	2,621	70,796	234	(D)	2,547	285	1,925	81,479	
	Other products.....	15,106	26,613	4,795	8,336	7,778	(D)	xxx	xxx	xxx	xxx	xxx	xxx
2751-	Printing: Letterpress.....	1,470	47,537	1,500	53,207	1,920	(D)	xxx	xxx	xxx	xxx	xxx	xxx
2752-	Printing: Lithographic.....	3,034	5,322	555	1,539	3,728	(1)	xxx	xxx	xxx	xxx	xxx	xxx
27530	Engraving and plate printing..	220	595	(1)	1,201	11,170	2,130	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	710,382	13,159	2,740	2,389	960	1,516	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts, total...	19,530	7,144	7,773	2,949	4,433	4,058	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	15,457	6,382	5,510	2,050	2,917	3,416	xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts...	4,073	762	2,263	899	1,516	642	xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures of individual companies.

xxx Not applicable.

<sup>1</sup>Less than \$100 thousand and included in "Other industries."

<sup>2</sup>Includes \$3.1 million shipped by Industry 3652, Phonograph Records.

<sup>3</sup>Includes shipments from Industry 2731, Books: Publishing and Printing, which total \$2 million or more, which are withheld to avoid disclosing individual company figures.

<sup>4</sup>Includes \$2.8 million for product class 27514, Financial and legal printing, and \$2.7 million for product class 27516, Other general job printing.

<sup>5</sup>Includes \$1.8 million for product class 27515, Advertising printing.

<sup>6</sup>The largest single product class 27524, Financial and legal printing, contributed \$3.1 million to this figure.

<sup>7</sup>Includes \$7.2 million for product class 26492, Wrapping products (Gift wrap, etc.).

<sup>8</sup>Of this total, products of Industry 2649, Paper and Board Products, NEC, accounted for \$2.8 million, while products of Industry 2761, Manifold Business Forms, amounted to \$1.7 million.



Table 6A.—Quantity and Value of Receipts Reported by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958		1954	
		Million copies sold (number)	Value of receipts (\$1,000)	Million copies sold (number)	Value of receipts (\$1,000)
2771---	Greeting cards, total.....	xxx	276,588	xxx	217,501
27711--	Greeting cards, publishers' sales.....	5,127	233,970	3,965	184,988
2771111	Christmas cards.....	2,870	103,775	2,054	86,024
2771121	Seasonal cards other than Christmas.....	1,040	50,061	1,911	98,964
2771131	Other greeting cards.....	1,217	75,268		
2771100	Not specified by kind.....	(NA)	4,866		
27712--	Greeting cards, printed for publication by others.....	xxx	37,941	xxx	31,022
2771211	Letterpress process.....	xxx	19,630	xxx	12,848
2771251	Lithographic process.....	xxx	17,844	xxx	17,751
2771200	Other (including engraving and gravure process).....	xxx	477	xxx	425
2771000	Greeting cards, receipts not specified by kind.....	xxx	4,677	xxx	1,491
		Value of receipts (\$1,000)			
		1958		1954	
2782---	Blankbooks, looseleaf binders and devices, total.....		213,648		135,115
27821--	Blankbook making.....		118,489		64,659
2782111	Ledgers and account books other than sales books.....		11,004		6,848
2782131	Albums and scrap books (includes records, photographic, and stamp albums, etc.)....		21,902		16,800
2782135	Diaries and appointment books.....		7,121		
	Checkbooks (includes inserts and refills but excludes those in continuous form and die-cut <sup>1</sup> ):				
2782143	Letterpress process.....		27,643		130,767
2782145	Lithographic process.....		18,496		
2782155	Miscellaneous blankbooks, includes address books and case-made memo books, sewed or glued to leather, imitation leather, or similar materials.....		14,886		
2782161	Paper ruling (pen and disc).....		8,199		4,679
2782100	Blankbook making and paper ruling, not specified by kind.....		9,238		5,565
27822--	Looseleaf binders and devices.....		95,159		70,456
2782211	Form and fillers (pen ruled or printed only).....		17,661		17,804
2782221	Looseleaf indexes.....		6,890		(NA)
2782231	Looseleaf binders.....		59,652		45,813
2782271	Looseleaf parts sold separately.....		8,204		(NA)
2782200	Looseleaf devices, binders, forms, and fillers, not specified by kind.....		2,752		6,839
2789---	Bookbinding and miscellaneous related work, total.....		190,956		139,766
27891--	Edition, library and other hard cover bookbinding:				
	Edition, library and trade binding (books printed elsewhere).....		83,274		62,826
2789111	Edition binding (hard bound).....		62,967		46,666
2789141	Library binding (including rebinding and prebinding of books for library use, hard cover binding of periodicals and records, and other hard cover binding except edition).....		14,528		16,160
2789100	Edition, library, and other hard cover bookbinding, not reported by kind.....		5,779		( <sup>2</sup> )
27892--	Other book and pamphlet binding and related binding work.....		95,804		62,171
2789221	Pamphlet and other soft cover binding.....		35,822		32,011
2789261	Mechanical binding (wire, plastic, etc.) of products printed elsewhere.....		17,278		7,776
2789291	Embossing, varnishing, indexing, mounting, and other service operations related to bookbinding, including sample and color cards (material printed elsewhere).....		42,704		22,384
2789000	Bookbinding (books printed elsewhere), not reported by kind.....		11,878		<sup>2</sup> 14,769
2791---	Typesetting, total.....		175,466		132,135
2791010	Typesetting machine and hand, typesetting and typographic services.....		175,466		132,135
2793	Photoengraving.....		208,510		176,126
2793011	Photoengraving plates made for others.....		208,510		176,126
2794---	Electrotyping and stereotyping, total.....		81,479		84,439
	Duplicate plates for letterpress:				
2794011	Electrotyping.....		58,220		57,318
2794031	Stereotyping.....		4,408		7,833
2794051	Other plates, matrixes.....		14,156		14,589
2794000	Electrotyping, stereotyping, and matrixes made for others, not reported separately <sup>3</sup> ...		4,695		4,699

NA Not available.

<sup>1</sup>The 1958 and 1954 figures for these products are not strictly comparable. For example in 1954 no provision was made for reporting receipts separately for checkbooks or printed checks and it is believed that a significant portion of such receipts was accounted for in 1954 by commercial printing establishments classified in Industries 2751 and 2752, who reported check printing and checkbook manufacturing as "Other General (Commercial) Job Printing," (1954 Product codes 2751039 when the letterpress process was used, and 2761059 when by lithographic process), also, it is believed that the reporting of other individual products was significantly better in 1958 than in 1954.

<sup>2</sup>In 1954 this figures was included with code 2789000.

<sup>3</sup>Accounted for by small establishments (generally less than 10 employees) that were not asked to report a breakdown of their total receipts.

Table 6B.--Value of Product Classes Reported by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State <sup>1</sup>	Value of Receipts		Product class, region, and State <sup>1</sup>	Value of Receipts		Product class, region, and State <sup>1</sup>	Value of Receipts
<b>Greeting cards (27711):</b>			<b>Looseleaf binders (27822)—Continued</b>	1958 <sup>1</sup>	1954	<b>Edition, library, and other hard cover bookbinding (27891)—Continued</b>	1958 <sup>1</sup>
United States, total:							
1958.....	233,970		East North Central.....	30,443	22,245	West North Central.....	3,459
1957.....	234,402		Ohio.....	2,900	( <sup>2</sup> )	Missouri.....	2,801
1956.....	217,644		Illinois.....	19,420	8,920	South Atlantic.....	2,637
1955.....	198,577		Indiana.....	3,546	3,819	Maryland.....	1,874
1954.....	184,988		Wisconsin.....	3,773	4,806	West South Central.....	1,379
1947.....	107,716					Texas.....	1,123
	1958 <sup>1</sup>	1954	West North Central.....	4,279	3,823	Pacific.....	3,161
New England.....	39,637	31,865	Missouri.....	3,392	2,720	California.....	2,787
Massachusetts.....	26,428	18,323	East South Central.....	1,792	( <sup>2</sup> )		
Connecticut.....	1,374	( <sup>2</sup> )	Tennessee.....	1,317	( <sup>3</sup> )	<b>Other book and pamphlet binding and related binding work (27892):</b>	<b>Value of Receipts</b>
Middle Atlantic.....	64,711	53,590	West South Central.....	2,538	( <sup>3</sup> )	United States, total:	
New York.....	58,555	47,347	Texas.....	2,395	( <sup>3</sup> )	1958.....	95,804
New Jersey.....	3,031	1,626	Pacific.....	8,236	( <sup>2</sup> )	1954.....	62,171
Pennsylvania.....	3,125	4,616	California.....	7,962	8,606		1958 <sup>1</sup>
North Central.....	121,940	91,351				New England.....	3,287
Illinois.....	20,364	17,991	<b>Edition, library, and other hard cover bookbinding (27891):</b>	Value of Receipts		Massachusetts.....	2,680
South Atlantic.....	1,748	( <sup>3</sup> )	United States, total:			Middle Atlantic.....	49,649
Pacific.....	5,396	7,093	1958.....		83,274	New York.....	37,048
California.....	5,396	7,064	1954.....		62,826	New Jersey.....	5,380
						Pennsylvania.....	7,221
<b>Looseleaf binders (27822):</b>						East North Central.....	24,790
United States, total:						Ohio.....	4,502
1958.....		95,159	New England.....		6,703	Indiana.....	1,124
1957.....		90,602	Massachusetts.....		4,353	Illinois.....	14,721
1956.....		88,820	Connecticut.....		2,239	Michigan.....	3,656
1955.....		77,494	Middle Atlantic.....		36,237	West North Central.....	4,261
1954.....		70,456	New York.....		31,007	Missouri.....	2,660
1953.....		71,775	New Jersey.....		2,981	South Atlantic.....	5,213
1952.....		73,166	Pennsylvania.....		2,269	Maryland.....	2,002
1951.....		76,180				North Carolina.....	1,178
1947.....		52,041	East North Central.....		28,472	East South Central.....	1,288
	1958 <sup>1</sup>	1954	Ohio.....		1,619	West South Central.....	2,462
Northeast.....	46,684	32,977	Indiana.....		5,719	Texas.....	2,298
Massachusetts.....	12,207	( <sup>2</sup> )	Illinois.....		18,413	Pacific.....	4,594
New York.....	24,583	19,296	Michigan.....		2,104	California.....	4,296

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported in 1958 for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27711, New Hampshire, Vermont, Rhode Island, Ohio, Michigan, Wisconsin, Minnesota, Missouri, and Maryland; 27822, New Jersey and Pennsylvania.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description	Unit of measure	1958		1954	
			Quantity	Delivered cost	Quantity	Delivered cost
	INDUSTRY 2771—GREETING CARDS					
	Materials, containers, supplies, etc., total.....	.....	...	71,982	xxx	53,408
261211	Newsprint.....	Short tons.....	(1)	(1)	xxx	(1)
261216	Uncoated papers (groundwood, book, bond, writing, ledger and manifold).....	do.....	47,241	16,214	58,995	19,284
261218	Bristols, cover, text and other specialty paper uncoated.....	do.....	27,172	10,616		
264151	Coated paper, all types.....	do.....	11,235	5,142		
260011	All other paper and board.....	do.....	(NA)	5,661	11,490	3,643
260021						
970099	All other materials, containers, and supplies, etc.....	.....	xxx	r34,349	xxx	26,435
	INDUSTRY 2782—BLANKBOOKS; LOOSELEAF BINDERS					
	Materials, containers, supplies, etc., total.....	.....	xxx	74,287	(2)	(2)
261211	Newsprint.....	Short tons.....	xxx	33,008		
260021	All other paper and board.....	do.....				
970099	All other materials, containers, supplies, etc.....	.....	xxx	41,279		
	INDUSTRY 2789—BOOKBINDING AND RELATED WORK					
	Materials, containers, supplies, etc., total.....	.....	xxx	37,158	xxx	26,466
261211	Newsprint.....	Short tons.....	xxx	8,569	26,798	6,840
260021	All other paper and board.....	do.....				
970099	All other materials, containers, supplies, etc.....	.....				

xxx Not applicable. r Revised.

<sup>1</sup>Less than \$500 thousand and included with "All other paper and board."<sup>2</sup>Comparable data for 1954 are not available owing to the revision in the 1957 Standard Industrial Classification affecting this industry. See text and table 1, footnotes 10 and 11.

Note: This table not applicable to Industries 2791, 2793, and 2794.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2771	GREETING CARDS (entire industry).....	282	21,777	89,405	14,799	28,297	50,553	178,563	117,153	291,480	5,154
	Establishments with:										
	90% or more specialization.....	231	17,034	70,858	11,540	22,013	39,302	147,657	100,080	244,081	4,496
	75-89% specialization.....	18	2,329	9,091	1,669	3,268	5,173	15,402	6,988	22,405	( <sup>1</sup> )
27711	Greeting cards, publisher sales (primary product class of estab.)..	151	17,537	72,996	11,451	22,042	38,376	150,923	105,816	253,539	4,205
	Establishments with:										
	90% or more specialization....	127	13,786	58,372	9,065	17,211	30,190	126,668	91,333	214,987	3,732
	75-89% specialization.....	11	2,133	8,604	1,485	3,053	4,755	14,670	6,753	21,348	( <sup>1</sup> )
27712	Greeting cards, printed for publication by others (primary product class of estab.).....	70	3,373	13,311	2,604	4,947	9,810	21,283	8,301	29,019	655
	Establishments with:										
	90% or more specialization....	48	2,869	11,135	2,156	4,247	8,076	17,675	6,545	23,648	( <sup>1</sup> )
	75-89% specialization.....	10	276	789	253	348	647	1,307	450	1,755	( <sup>1</sup> )
2782	BLANKBOOKS, LOOSELEAF BINDERS (entire industry).....	434	17,872	79,024	13,756	26,838	52,740	132,660	83,325	217,862	6,805
	Establishments with:										
	90% or more specialization.....	320	10,945	47,196	8,417	16,382	31,396	78,936	49,487	128,721	4,213
	75-89% specialization.....	24	2,493	11,595	1,996	3,936	8,198	21,063	12,301	33,255	1,178
27821	Blankbook making (primary product class of estab.).....	282	8,453	37,892	6,632	12,695	25,296	60,853	40,622	103,097	3,874
	Establishments with:										
	90% or more specialization....	216	4,948	21,949	3,914	7,429	14,728	37,603	21,549	59,025	3,115
	75-89% specialization.....	8	658	2,879	569	1,112	1,861	4,347	4,735	9,241	( <sup>1</sup> )
27822	Looseleaf binders and devices (primary product class of estab.)..	138	9,389	41,030	7,097	14,100	27,349	71,580	42,671	114,497	2,928
	Establishments with:										
	90% or more specialization....	88	4,018	15,862	3,056	6,082	10,107	25,431	16,769	42,545	694
	75-89% specialization.....	12	307	1,391	234	447	875	1,952	1,290	3,209	( <sup>1</sup> )
2789	BOOKBINDING AND RELATED WORK (entire industry).....	972	22,160	87,448	19,480	37,378	69,000	132,722	48,646	181,987	6,621
	Establishments with:										
	90% or more specialization.....	851	19,235	75,188	17,006	32,985	59,928	114,313	37,326	151,941	5,287
	75-89% specialization.....	26	1,041	4,431	888	1,544	3,310	6,880	4,003	10,880	543
27891	Edition, library and other hard cover binding (primary product class of estab.).....	214	8,768	34,452	7,776	14,558	27,446	51,514	26,068	78,112	2,235
	Establishments with:										
	90% or more specialization....	173	6,681	25,621	5,949	11,309	20,553	38,603	18,223	56,989	1,481
	75-89% specialization.....	16	865	3,718	743	1,366	2,830	5,699	3,540	9,332	( <sup>1</sup> )
27892	Other book and pamphlet-binding and related binding work (primary product class of estab.).....	476	11,806	47,654	10,336	20,238	37,023	71,807	19,194	91,062	3,772
	Establishments with:										
	90% or more specialization....	387	9,112	36,505	8,039	15,922	28,669	55,520	13,053	68,643	2,882
	75-89% specialization.....	25	738	2,981	630	1,112	2,126	4,700	1,162	5,755	( <sup>1</sup> )

<sup>1</sup>Less than \$500 thousand.



## Major Group 28.—Chemicals and Allied Products

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; and (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt and the recovery of sodium, potassium and boron compounds from natural salts are classified in Mining Industries. Establishments primarily engaged in manufacturing non-ferrous metals and high percentage ferro-alloys are classified in Major Group 33, Primary Metal Industries; silicon carbide, in Industry 3291, Abrasive Products; and baking powder, other leavening compounds, and starches in Major Group 20, Food and Kindred Products. Establishments primarily engaged in packaging, repacking and bottling of purchased chemicals and allied products are classified in Trade Industries.

The industrial classification system provides for separate groupings of plants manufacturing by chemical process products which are essentially (a) raw materials for other industries, and (b) finished consumption goods such as drug preparations, paint, soap, fertilizers, formulated insecticides or cosmetics. While these distinctions may be made for a host of chemical products, they are by no means definitive in the case of a number of such products and of the plants producing them. When such problems arose the decisions made were primarily based upon the following criteria:

- (a) Whether the product produced is a compound or a mixture and/or formulation. In the former case, the product is considered to be a basic chemical while mixtures and formulations have the characteristic of finished consumer goods;
- (b) Whether the plant is engaged in activities which result in a product chemically different from the raw materials it uses (prime producers) or whether the resultant product is merely a modified form or grade of the chemical purchased. For example, distinctions are made between plants producing high strength hydrogen peroxide (prime producer) and those making a weak strength product from purchased high strength material; or between plants whose products are shipped to chemical processors and those whose activity is devoted to the preparation of packaged products, destined primarily for household or consumer use.

The classification system not only draws a line of demarcation between chemical processing industries and chemical consuming industries, but also requires in a few areas, that distinctions be made among the latter industries. For example, the industry classification system specifies that plants primarily engaged in manufacturing mixed fertilizers from one or more fertilizer materials produced in the same establishment be classified in Industry 2871, Fertilizers, while plants engaged in mixing fertilizers only be classified in Industry 2872, Fertilizers, mixing only.

Reference should be made to the "Introduction" for a description of the conditions under which plants performing some manufacturing may be classified in "Business" or "Mining." In 1958, for example, all plants producing potash salts from mined ores, regardless of process used, are classified in mining, whereas plants producing salt (sodium chloride) by evaporation are classified in manufacturing and those mining natural rock, in mining. While measures of the volume of merchandising activity (sale of goods bought and resold without further processing) are available (see Table 3) there are none indicating the volume of manufacturing performed by establishments classified in Wholesale or Retail Trade. However, the amount is believed to be relatively significant in such fields as Polishes and Sanitation Goods (Industry 2842), Fertilizers (Industries 2871 and 2872) and Agricultural Pesticides (Industry 2873).

In recent years the Federal Government has expanded its operation in the chemical industries. Following the S.I.C. recommendations, Census data since 1947 include information for all Government-owned and privately operated facilities. The amount of Government activity included in Industry 2819, Inorganic Chemicals for 1958, may be determined from table 1, page 28A-7, table 3, page 28A-11, or table 4, page 28A-12. Also, see text for Industry 2892, Explosives, page 28G-1, for information on Government activity included in data for this industry.

Based upon the 1957 revision of the Standard Industrial Classification Manual, the content of Major Group 28, Chemicals and Allied Products, has been significantly changed in 1958 from the prior information published on the previous classification system. The extent of this change may be determined by comparing the data shown in table 1 for "Operating manufacturing establishments," (1958) with "Operating manufacturing establishments (based on old S.I.C.)." This change was primarily caused by the reclassification of establishments engaged in the manufacture of vegetable and animal oil products from Major Group 28 to Major Group 20, Food and Kindred Products.



## MANUFACTURES-INDUSTRY STATISTICS

Table 1.-GENERAL STATISTICS FOR THE INDUSTRY GROUP: 1958 AND EARLIER YEARS

(For explanation of column captions see Introduction)

Year and item	Establishments, number		All employees <sup>1</sup>		Production workers			Value added by manu- facture, adjusted <sup>2</sup>	Capital expendi- tures, new
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)		
1958: <sup>3</sup>									
All manufacturing establishments, total.....	(NA)	(NA)	784,927	4,607,754	453,411	908,824	2,244,318	12,270,371	1,115,806
Administrative and auxiliary establishments.....	(NA)	(NA)	85,761	660,579	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	11,309	3,751	699,166	3,947,175	453,411	908,824	2,244,318	12,270,371	1,115,806
Operating manufacturing establishments (based on old SIC).....	12,200	4,204	729,885	4,090,582	475,957	959,738	2,339,220	12,644,737	1,150,790
Operating manufacturing establishments:									
1957 <sup>3</sup> 4.....	(NA)	(NA)	757,169	4,035,715	505,600	1,018,114	2,322,291	12,372,911	1,264,438
1956 <sup>3</sup> 4.....	(NA)	(NA)	754,630	3,851,967	514,868	1,040,187	2,266,298	11,894,272	1,081,747
1955 <sup>3</sup> 4.....	(NA)	(NA)	741,131	3,566,435	507,879	1,026,982	2,116,782	11,107,861	761,191
1954: <sup>3</sup>									
All manufacturing establishments, total.....	11,074	3,959	795,878	3,782,772	498,745	1,011,048	1,994,220	9,546,908	926,610
Administrative and auxiliary establishments.....	xxx	xxx	61,982	405,813	xxx	xxx	xxx	xxx	xxx
Operating manufacturing establishments.....	11,074	3,959	733,896	3,376,959	498,745	1,011,048	1,994,220	9,546,908	926,610
Operating manufacturing establishments:									
1953 <sup>3</sup> 4.....	(NA)	(NA)	768,425	3,400,132	536,124	1,093,799	2,102,610	9,320,348	943,977
1952 <sup>3</sup> 4.....	11,007	(NA)	739,437	3,116,834	513,336	1,062,534	1,903,590	8,539,266	1,018,992
1951 <sup>3</sup> 4.....	10,909	(NA)	702,906	2,784,370	497,513	1,028,738	1,733,029	8,164,512	980,478
1950 <sup>3</sup> 4.....	10,339	(NA)	642,469	2,341,957	456,591	954,775	1,470,795	7,236,618	602,998
1949 <sup>3</sup> 4.....	(NA)	(NA)	612,030	2,092,082	440,060	921,836	1,319,495	5,847,549	598,126
1947.....	10,019	(NA)	626,418	1,898,472	464,144	974,684	1,236,012	5,317,001	804,958
1939 <sup>3</sup> .....	8,839	(NA)	(NA)	(NA)	275,669	(NA)	342,068	1,818,941	(NA)
1937 <sup>6</sup> .....	8,337	(NA)	(NA)	(NA)	303,291	(NA)	366,264	1,731,584	(NA)
1935.....	8,225	(NA)	(NA)	(NA)	7293,493	(NA)	8281,503	1,362,960	(NA)
1933.....	7,297	(NA)	302,036	305,788	254,011	(NA)	216,822	1,120,562	(NA)
1931 <sup>8</sup> .....	8,324	(NA)	(NA)	(NA)	248,238	(NA)	259,444	1,358,942	(NA)
1929.....	9,327	(NA)	381,618	549,968	307,387	(NA)	352,303	1,737,266	(NA)
1927 <sup>9</sup> .....	8,594	(NA)	347,825	491,906	278,053	(NA)	318,964	1,473,644	(NA)
1925 <sup>10</sup> .....	8,160	(NA)	(NA)	(NA)	260,872	(NA)	296,823	1,320,058	(NA)
1923 <sup>11</sup> .....	8,253	(NA)	340,004	459,281	264,297	(NA)	285,800	1,184,500	(NA)
1921.....	8,208	(NA)	278,927	369,058	212,264	(NA)	218,396	833,662	(NA)
1919.....	10,688	(NA)	387,928	497,216	293,466	(NA)	306,413	1,197,948	(NA)
1914.....	10,698	(NA)	269,153	192,109	207,654	(NA)	106,080	456,929	(NA)
1909.....	10,280	(NA)	235,360	143,862	184,976	(NA)	81,970	401,389	(NA)
1904.....	8,370	(NA)	191,183	102,545	158,410	(NA)	65,033	286,271	(NA)
1899 <sup>12</sup> .....	7,669	(NA)	169,862	79,630	143,552	(NA)	50,878	211,778	(NA)

NA Not available.

<sup>1</sup>The figures for 1939 through 1958 include data for employees of manufacturing establishments who are engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.<sup>2</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899-1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.<sup>3</sup>The figures for 1949-1958 include data for Government-owned plants operated by private firms for the account of the Federal Government. See text for further explanation.<sup>4</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.<sup>5</sup>The figures prior to 1939 include data for establishments primarily engaged in manufacture of electrometallurgical products, included from 1939 in the "Primary metal" industries. Value added by manufacture for 1939, including data for these establishments and on a basis comparable with earlier years, was \$1,837.5 million.<sup>6</sup>The figures for 1899-1935 but not for later years, include data for establishments primarily engaged in mining of rock salt or in smelting and refining of aluminum. Value added by manufacture for 1937, including data for these establishments and on a basis comparable with 1935, was \$1,759.1 million.<sup>7</sup>The figures for 1899-1935, but not for later years, include data for woods employees of the Gum naval stores industry. Woods employees in 1937 (for which data are not included in the figures) were reported as follows: Production and related workers, 30,880 and wages \$8.6 million.<sup>8</sup>The figures for 1899-1931 do not include data for establishments primarily engaged in manufacture of ethyl alcohol, included for these years in the figures for the "Food and kindred products" industries.<sup>9</sup>The figures for 1899-1927 include data for establishments other than petroleum refineries engaged in the manufacture of lubricating oils, which are included for later years in the series for the petroleum and coal products industries.<sup>10</sup>The figures for 1899-1925 include data for establishments primarily engaged in manufacturing of vegetable cooking oils, included for later years in the series for the food and kindred products industries.<sup>11</sup>The figures for 1899-1923, but not for later years, include data for certain establishments primarily engaged in manufacture of rubber cement. Value added by manufacture for 1925, including data for these establishments and on a basis comparable with 1923, was \$1,321.2 million.<sup>12</sup>The figures for 1899 only include data for establishments primarily engaged in manufacture of candles. Value added by manufacture for 1904, including data for these establishments and on a basis comparable with 1899, was \$287.2 million.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
28	CHEMICALS AND ALLIED PRODUCTS: TOTAL <sup>1</sup>	11 309	3 751	699 166	3 947 175	453 411	908 824	2 244 318	12 270 371	1 115 806	733 806	9 379 357
	NEW ENGLAND . . . . .	748	196	27 039	145 089	17 741	35 792	83 904	386 086	35 236	27 586	332 811
	MAINE . . . . .	32	7	637	2 446	489	1 033	1 626	5 558	651	576	4 893
	NEW HAMPSHIRE . . . . .	21	5	244	1 058	194	366	699	3 078	105	362	2 666
	VERMONT . . . . .	14	3	207	900	166	353	629	3 577	91	231	2 726
	MASSACHUSETTS . . . . .	443	127	15 532	84 297	10 032	20 185	48 534	225 729	16 424	15 587	186 543
	RHODE ISLAND . . . . .	76	18	1 612	7 588	895	1 773	3 774	18 185	2 008	1 301	10 216
	CONNECTICUT . . . . .	162	36	8 807	48 800	5 965	12 082	28 642	129 959	15 957	9 528	125 565
	MIDDLE ATLANTIC . . . . .	3 072	1 029	187 546	1 066 949	118 660	238 175	582 750	3 292 519	230 177	194 682	2 504 467
	NEW YORK . . . . .	1 425	370	64 261	355 929	41 474	83 213	195 203	1 110 814	51 471	67 752	87 140
	NEW JERSEY . . . . .	948	403	79 362	437 732	49 332	99 668	258 160	1 457 830	121 775	81 731	1 121 765
	PENNSYLVANIA . . . . .	699	256	43 923	237 288	27 854	55 294	129 387	723 875	56 931	45 198	510 561
	EAST NORTH CENTRAL . . . . .	2 443	856	155 614	897 975	96 964	193 665	485 038	2 754 831	195 599	166 300	2 163 190
	OHIO . . . . .	706	270	45 438	256 055	27 981	56 662	142 302	714 852	45 826	42 826	566 366
	INDIANA . . . . .	233	79	22 415	137 506	12 799	25 763	63 825	492 923	36 417	26 298	343 491
	ILLINOIS . . . . .	857	315	46 176	254 836	28 282	55 922	132 518	847 831	61 557	50 403	663 699
	MICHIGAN . . . . .	420	136	35 304	215 083	24 295	48 241	130 015	593 904	48 077	37 936	497 024
	WISCONSIN . . . . .	227	56	6 281	34 495	3 607	7 077	16 378	105 321	3 722	8 835	92 608
	WEST NORTH CENTRAL . . . . .	811	258	35 629	191 426	22 821	45 422	107 841	673 108	45 200	40 419	530 303
	MINNESOTA . . . . .	171	45	4 995	25 909	3 205	6 357	13 905	123 635	7 301	5 288	102 484
	IOWA . . . . .	111	30	4 442	23 641	2 832	5 593	13 060	92 684	4 457	6 039	76 977
	MISSOURI . . . . .	363	130	18 535	100 116	11 367	22 734	54 512	302 606	21 206	17 890	225 617
	NORTH DAKOTA . . . . .	3	...	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	SOUTH DAKOTA . . . . .	13	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	108	603
	NEBRASKA . . . . .	54	16	1 750	8 644	1 132	2 231	4 726	27 023	(D)	1 645	14 834
	KANSAS . . . . .	96	34	5 749	32 471	4 163	8 286	21 200	125 461	11 329	9 407	109 561
	SOUTH ATLANTIC . . . . .	1 322	494	121 273	637 737	84 006	168 649	384 778	1 880 931	179 733	125 713	1 418 161
	DELAWARE . . . . .	32	14	5 653	33 681	3 667	7 399	19 366	92 906	9 211	6 007	101 706
	MARYLAND . . . . .	201	92	12 908	60 664	8 980	17 785	37 121	192 548	12 769	12 724	146 634
	DISTRICT OF COLUMBIA . . . . .	14	2	162	932	102	199	365	1 874	43	220	1 858
	VIRGINIA . . . . .	152	73	30 592	156 216	22 391	44 448	101 493	452 453	41 354	34 977	435 655
	WEST VIRGINIA . . . . .	62	34	22 864	143 035	16 082	32 860	91 584	397 684	78 203	21 570	316 922
	NORTH CAROLINA . . . . .	207	64	11 111	53 364	7 343	14 376	27 959	150 565	12 602	11 414	107 032
	SOUTH CAROLINA . . . . .	98	32	13 825	81 702	7 941	15 652	38 442	230 106	3 802	19 264	148 166
	GEORGIA . . . . .	265	104	9 624	42 282	6 748	13 506	24 303	129 396	12 116	10 084	79 500
	FLORIDA . . . . .	291	79	14 534	65 861	10 752	22 424	44 145	233 399	9 633	9 449	80 684
	EAST SOUTH CENTRAL . . . . .	484	216	59 659	330 288	40 649	81 007	197 472	931 688	94 095	65 328	730 644
	KENTUCKY . . . . .	99	45	9 794	59 139	6 274	12 911	34 532	203 248	19 711	9 653	143 673
	TENNESSEE . . . . .	176	83	38 128	216 669	25 808	51 060	127 363	535 125	48 123	42 885	454 064
	ALABAMA . . . . .	140	60	8 191	39 267	5 797	11 552	25 519	139 730	15 264	7 410	82 930
	MISSISSIPPI . . . . .	69	28	3 546	15 213	2 770	5 484	10 058	53 585	10 997	5 378	49 975
	WEST SOUTH CENTRAL . . . . .	822	279	59 462	364 074	40 682	82 668	232 975	1 430 199	257 408	61 208	1 045 737
	ARKANSAS . . . . .	40	12	3 229	18 079	2 408	4 912	12 874	49 411	4 317	5 191	62 888
	LOUISIANA . . . . .	164	69	16 240	97 362	11 718	23 949	66 266	310 264	55 879	17 479	250 238
	OKLAHOMA . . . . .	75	16	1 185	6 001	670	1 294	2 903	15 695	383	1 561	10 553
	TEXAS . . . . .	543	182	38 808	242 632	25 886	52 513	150 932	1 054 829	196 829	36 976	722 056
	MOUNTAIN . . . . .	218	58	8 110	45 137	5 190	10 207	26 678	130 641	8 101	8 495	94 588
	MONTANA . . . . .	14	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8 837	5 833
	IDAHO . . . . .	12	4	2 425	15 419	1 340	2 414	8 065	41 345	527	1 774	20 888
	WYOMING . . . . .	6	...	26	117	12	23	53	193	31	(*)	(*)
	COLORADO . . . . .	94	20	1 966	10 044	1 254	2 482	5 685	33 534	995	2 089	21 286
	NEW MEXICO . . . . .	15	6	347	1 934	301	668	1 628	5 875	974	615	6 833
	ARIZONA . . . . .	35	8	701	3 758	434	847	1 781	8 774	510	1 333	15 669
	UTAH . . . . .	36	12	1 034	5 227	743	1 478	3 431	17 287	2 608	1 131	12 343
	NEVADA . . . . .	6	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)
	PACIFIC . . . . .	1 389	365	44 834	268 500	26 698	53 239	142 882	790 368	70 257	44 162	559 452
	WASHINGTON . . . . .	136	38	10 924	74 214	6 318	12 444	40 656	173 907	6 481	11 069	118 107
	OREGON . . . . .	81	19	1 322	6 697	811	1 531	3 638	19 726	2 414	1 513	17 209
	CALIFORNIA . . . . .	1 172	308	32 588	187 589	19 569	39 264	98 588	596 735	61 362	31 579	424 136
281	BASIC CHEMICALS: TOTAL . . . . .	1 698	862	238 104	1 459 683	157 644	318 710	892 440	4 259 770	613 426	240 507	3 186 075
	NEW ENGLAND . . . . .	93	35	5 136	29 731	3 417	7 077	17 701	59 431	7 918	4 760	54 729
	MAINE . . . . .	8	2	308	1 280	250	565	942	3 164	(D)	(*)	(*)
	MASSACHUSETTS . . . . .	46	22	2 294	12 750	1 581	3 289	8 318	27 402	4 499	2 300	25 400
	RHODE ISLAND . . . . .	13	5	449	2 201	310	610	1 249	6 160	1 660	414	3 422
	MIDDLE ATLANTIC . . . . .	454	235	53 213	328 459	34 979	69 930	194 309	797 330	100 648	56 707	698 518
	NEW YORK . . . . .	145	60	15 773	93 729	10 504	20 973	56 232	211 041	20 386	16 781	184 104
	NEW JERSEY . . . . .	186	110	28 287	185 783	17 886	35 737	104 894	465 682	66 987	29 881	407 180
	PENNSYLVANIA . . . . .	123	65	9 153	48 947	6 589	13 220	33 183	120 607	13 275	10 040	107 229
	EAST NORTH CENTRAL . . . . .	337	168	43 422	256 173	29 631	59 217	164 137	657 551	84 904	46 753	536 191
	OHIO . . . . .	128	71	17 917	103 274	11 734	23 759	65 358	250 581	17 280	(*)	(*)
	INDIANA . . . . .	33	15	2 052	12 905	1 399	2 832	8 238	75 951	13 973	3 081	46 500
	ILLINOIS . . . . .	83	47	9 077	51 602	6 149	11 954	32 158	141 328	32 297	10 545	116 041
	MICHIGAN . . . . .	69	31	14 082	86 777	10 171	20 305	57 543	185 611	20 869	16 756	176 504
	WISCONSIN . . . . .	24	4	294	1 615	178	367	840	4 080	485	(*)	(*)
	WEST NORTH CENTRAL . . . . .	88	44	10 819	62 916	7 458	15 236	40 717	179 655	23 522	7 611	104 701
	MINNESOTA . . . . .	18	6	514	3 609	357	799	2 008	10 588	2 343	428	5 541
	IOWA . . . . .	12	5	384	1 949	273	571	1 349	5 185	75	(*)	(*)
	MISSOURI . . . . .	30	19	7 095	42 338	4 738	9 690	26 845	111 959	12 470	4 296	60 295

See footnotes at end of table.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted	Capital expenditures, new	All em- ployees, number	Value added by manu- facture, unadjusted
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
281	BASIC CHEMICALS—CONTINUED											
	WEST NORTH CENTRAL—CONTINUED											
	NEBRASKA . . . . .	5	3	618	3 247	471	987	2 395	10 663	213	(*)	(*)
	KANSAS . . . . .	19	11	2 182	11 652	1 606	3 161	8 065	40 938	8 370	2 035	31 085
	SOUTH ATLANTIC . . . . .	193	98	40 894	246 434	26 557	54 310	145 210	687 722	91 480	44 624	511 232
	MARYLAND . . . . .	32	20	3 534	17 206	2 300	4 781	10 741	49 471	8 209	3 150	21 758
	VIRGINIA . . . . .	28	19	5 158	25 624	3 879	7 768	17 685	86 900	15 049	5 344	71 666
	WEST VIRGINIA . . . . .	34	22	17 713	113 703	12 267	25 264	73 652	319 488	53 463	17 703	259 557
	GEORGIA . . . . .	31	13	1 357	7 059	975	2 136	4 622	30 033	6 507	923	5 655
	FLORIDA . . . . .	26	9	726	3 675	520	1 183	2 565	15 376	752	495	5 950
	EAST SOUTH CENTRAL . . . . .	94	61	23 263	139 485	15 381	31 659	83 731	436 435	41 047	22 741	288 123
	KENTUCKY . . . . .	20	15	4 268	25 734	2 861	5 934	15 708	87 649	14 258	3 709	43 373
	TENNESSEE . . . . .	39	24	15 588	95 830	9 926	20 448	55 290	264 933	19 027	16 482	199 282
	ALABAMA . . . . .	27	18	2 745	14 618	2 137	4 350	10 763	69 060	4 716	2 105	39 259
	MISSISSIPPI . . . . .	8	4	662	3 303	457	927	1 970	14 793	3 046	500	6 800
	WEST SOUTH CENTRAL . . . . .	192	108	39 274	254 329	26 581	53 918	163 686	1 028 818	210 118	35 398	707 305
	ARKANSAS . . . . .	10	4	2 430	14 988	1 831	3 760	10 925	41 649	3 765	3 243	45 081
	LOUISIANA . . . . .	52	34	11 611	73 481	8 155	16 674	49 764	231 089	50 924	11 470	188 200
	OKLAHOMA . . . . .	15	8	563	3 449	315	611	1 554	8 450	205	538	2 471
	TEXAS . . . . .	115	62	24 670	162 411	16 280	32 873	101 443	747 630	155 224	20 281	474 739
	MOUNTAIN . . . . .	67	25	4 492	26 578	2 786	5 474	15 767	80 947	4 479	3 914	44 539
	COLORADO . . . . .	21	6	423	2 027	322	693	1 493	6 878	466	442	2 346
	UTAH . . . . .	11	5	397	2 288	280	573	1 518	10 549	656	400	6 100
	PACIFIC . . . . .	179	88	17 589	115 570	10 853	21 888	67 181	331 316	49 175	17 980	240 718
	WASHINGTON . . . . .	35	16	9 457	66 639	5 401	10 731	36 620	155 058	5 584	9 610	104 448
	OREGON . . . . .	11	4	394	2 258	248	503	1 236	7 584	1 592	557	6 962
	CALIFORNIA . . . . .	134	68	7 740	46 681	5 205	10 655	29 326	169 239	42 134	7 810	129 305
		1	...	2	8	1	1	1	565	135		
282	FIBERS, PLASTICS, RUBBERS, TOTAL . .	407	253	121 536	683 376	86 180	173 059	429 834	1 899 770	225 737	110 781	1 453 356
	NORTHEAST . . . . .	170	102	30 340	175 152	20 349	41 816	105 192	377 226	58 667	(*)	(*)
	CONNECTICUT . . . . .	11	7	1 916	10 331	1 430	2 929	7 263	31 987	(D)	1 802	31 475
	EAST NORTH CENTRAL . . . . .	79	45	11 731	70 599	8 932	18 189	48 783	214 449	26 900	8 380	120 542
	OHIO . . . . .	29	19	4 889	27 802	3 629	7 641	19 532	72 740	11 270	(*)	(*)
	ILLINOIS . . . . .	22	12	1 607	10 207	1 011	2 001	5 384	47 753	5 463	644	14 725
	WISCONSIN . . . . .	6	4	419	2 501	325	723	1 551	4 769	470	(*)	(*)
	WEST NORTH CENTRAL . . . . .	9	6	1 659	9 538	1 183	2 388	6 124	34 809	1 847	(*)	(*)
	SOUTH ATLANTIC . . . . .	59	41	45 717	237 915	33 290	66 640	152 215	712 404	63 879	(*)	(*)
	VIRGINIA . . . . .	13	12	18 790	99 024	14 071	28 282	66 456	273 672	21 844	(*)	(*)
	WEST VIRGINIA . . . . .	7	7	4 415	25 678	3 263	6 603	15 635	66 760	24 498	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	22	21	22 843	131 176	16 121	31 221	80 684	329 130	39 644	(*)	(*)
	KENTUCKY . . . . .	5	5	3 193	21 626	2 133	4 336	13 560	84 089	(D)	(*)	(*)
	TENNESSEE . . . . .	10	10	16 959	95 770	12 299	23 470	59 280	202 183	26 878	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	21	18	6 492	41 667	4 719	9 589	27 959	162 323	31 617	(*)	(*)
	LOUISIANA . . . . .	5	4	1 702	10 627	1 265	2 580	7 106	36 778	2 094	1 510	21 200
	TEXAS . . . . .	16	14	4 790	31 040	3 454	7 009	20 853	125 545	29 523	(*)	(*)
	PACIFIC . . . . .	47	20	2 754	17 329	1 586	3 216	8 877	69 429	3 183	(*)	(*)
283	DRUGS, TOTAL . . . . .	1 359	403	95 940	545 691	54 915	110 183	250 695	2 096 288	105 083	92 062	1 336 562
	NEW ENGLAND . . . . .	80	21	3 371	16 727	2 481	4 944	11 248	50 888	(D)	3 252	41 003
	MASSACHUSETTS . . . . .	47	13	1 058	4 367	674	1 300	2 245	12 925	718	1 179	10 977
	CONNECTICUT . . . . .	21	6	2 148	11 747	1 691	3 430	8 626	35 524	(D)	1 923	28 371
	MIDDLE ATLANTIC . . . . .	465	157	43 562	251 877	25 400	51 882	119 739	1 093 559	(D)	41 407	651 813
	NEW YORK . . . . .	240	72	19 503	108 609	11 876	24 480	53 751	460 835	10 264	19 510	327 882
	NEW JERSEY . . . . .	123	48	14 907	90 059	8 356	17 445	42 383	329 947	21 434	13 757	198 330
	PENNSYLVANIA . . . . .	102	37	9 152	53 209	5 168	9 957	23 605	302 777	(D)	8 139	125 599
	EAST NORTH CENTRAL . . . . .	284	92	32 353	197 157	17 307	34 250	84 044	653 874	37 454	30 734	435 809
	OHIO . . . . .	61	17	2 542	13 232	1 031	1 989	4 065	29 593	1 562	2 257	20 724
	ILLINOIS . . . . .	111	38	9 047	48 123	4 739	9 144	20 587	160 092	6 584	8 335	121 652
	MICHIGAN . . . . .	52	18	8 474	53 448	5 191	10 178	27 096	200 296	10 946	8 619	135 064
	WEST NORTH CENTRAL . . . . .	121	43	5 372	26 784	3 098	6 196	11 823	94 618	4 616	7 279	78 024
	MINNESOTA . . . . .	21	3	399	1 507	245	545	821	8 045	794	240	1 973
	IOWA . . . . .	14	5	905	5 334	475	954	1 964	15 530	1 616	1 077	12 542
	MISSOURI . . . . .	58	25	3 147	15 117	1 874	3 702	7 176	59 690	1 722	5 220	55 863
	NEBRASKA . . . . .	10	5	644	3 472	304	609	1 115	8 012	(D)	447	5 872
	SOUTH . . . . .	245	49	7 457	34 461	4 596	8 961	15 710	153 939	6 326	*	*
	MARYLAND . . . . .	23	8	1 090	3 693	790	1 472	2 037	14 927	271	862	10 328
	GEORGIA . . . . .	17	4	266	1 253	195	375	691	5 589	1 196	259	4 287
	FLORIDA . . . . .	30	3	281	1 116	199	354	549	2 906	261	177	1 647
	TENNESSEE . . . . .	20	8	1 852	8 528	998	2 050	3 173	31 450	727	1 592	21 295
	MISSISSIPPI . . . . .	6	3	493	1 642	451	875	1 486	12 046	52	634	6 158
	TEXAS . . . . .	52	10	924	4 571	523	1 024	2 057	9 889	875	483	3 199
	MOUNTAIN . . . . .	15	3	189	809	129	249	497	1 769	116	(*)	(*)
	PACIFIC . . . . .	149	38	3 636	17 876	1 904	3 701	7 634	47 641	3 070	(*)	(*)
	CALIFORNIA . . . . .	132	35	3 424	16 912	1 776	3 473	7 164	45 608	3 010	3 191	33 086

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958									1954	
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
284	CLEANING AND TOILET GOODS, TOTAL . .	2 654	578	78 618	417 514	47 908	94 336	208 452	1 903 101	42 318	(*)	(*)
	NEW ENGLAND . . . . .	214	44	5 497	30 263	3 239	6 536	14 727	126 722	3 049	(*)	(*)
	MASSACHUSETTS . . . . .	130	27	3 557	20 574	2 116	4 282	10 607	91 232	2 192	(*)	(*)
	RHODE ISLAND . . . . .	21	3	169	944	105	204	488	1 988	38	(*)	(*)
	CONNECTICUT . . . . .	52	11	1 672	8 356	938	1 895	3 398	30 905	742	(*)	(*)
	MIDDLE ATLANTIC . . . . .	846	210	30 043	148 029	19 048	37 764	78 925	646 379	15 973	(*)	(*)
	NEW YORK . . . . .	486	101	12 295	58 887	7 860	15 311	30 637	224 081	4 487	(*)	(*)
	NEW JERSEY . . . . .	207	73	14 475	73 740	9 100	18 379	40 609	365 809	9 352	(*)	(*)
	PENNSYLVANIA . . . . .	153	36	3 273	15 402	2 088	4 074	7 679	56 489	2 134	(*)	(*)
	EAST NORTH CENTRAL . . . . .	592	136	21 294	122 322	12 603	24 594	58 370	620 246	9 444	(*)	(*)
	OHIO . . . . .	138	34	5 644	36 568	3 046	6 163	15 623	181 360	3 171	(*)	(*)
	INDIANA . . . . .	49	13	3 672	20 526	2 317	4 452	11 620	109 076	1 271	(*)	(*)
	ILLINOIS . . . . .	225	63	9 267	49 162	5 734	11 218	24 554	258 307	3 974	(*)	(*)
	MICHIGAN . . . . .	105	16	1 149	6 484	646	1 174	2 632	19 967	450	(*)	(*)
	WISCONSIN . . . . .	75	10	1 562	9 582	860	1 587	3 941	51 536	578	(*)	(*)
	WEST NORTH CENTRAL . . . . .	208	55	7 021	35 636	4 366	8 298	18 734	198 320	3 809	(*)	(*)
	MINNESOTA . . . . .	54	13	1 558	7 588	944	1 709	3 716	47 245	885	(*)	(*)
	IOWA . . . . .	30	6	580	2 613	327	600	1 055	20 848	112	(*)	(*)
	MISSOURI . . . . .	99	29	3 048	14 829	1 766	3 392	7 333	62 111	856	(*)	(*)
	SOUTH ATLANTIC . . . . .	214	36	4 663	24 549	2 853	5 566	11 820	109 352	3 610	(*)	(*)
	MARYLAND . . . . .	33	10	1 746	10 353	1 179	2 384	6 060	61 384	1 380	(*)	(*)
	NORTH CAROLINA . . . . .	48	5	394	1 872	282	547	940	5 418	544	(*)	(*)
	GEORGIA . . . . .	36	14	1 260	6 506	580	1 103	1 879	16 829	751	(*)	(*)
	FLORIDA . . . . .	53	2	291	1 164	191	359	649	2 946	51	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	80	18	1 331	5 687	791	1 552	2 708	16 459	881	(*)	(*)
	TENNESSEE . . . . .	48	11	697	2 515	418	754	1 213	9 969	287	(*)	(*)
	MISSISSIPPI . . . . .	11	4	358	2 022	223	505	911	3 763	55	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	124	16	1 314	6 239	865	1 685	3 410	34 755	(D)	(*)	(*)
	LOUISIANA . . . . .	19	2	148	467	112	214	293	1 521	59	(*)	(*)
	TEXAS . . . . .	86	14	1 088	5 514	693	1 376	2 959	32 271	(D)	(*)	(*)
	MOUNTAIN . . . . .	38	3	251	1 037	142	271	446	1 761	92	(*)	(*)
	COLORADO . . . . .	18	2	155	738	91	183	313	1 458	48	(*)	(*)
	PACIFIC . . . . .	338	60	7 204	43 752	4 001	8 070	19 312	149 107	5 009	(*)	(*)
	WASHINGTON . . . . .	16	3	130	634	77	133	331	1 405	43	(*)	(*)
	CALIFORNIA . . . . .	306	56	6 998	42 732	3 872	7 849	18 803	146 980	4 961	(*)	(*)
285	PAINTS AND VARNISHES, TOTAL . . . . .	1 709	600	58 770	323 372	33 190	66 906	153 114	806 895	30 543	(*)	(*)
	NEW ENGLAND . . . . .	111	31	2 327	11 597	1 298	2 570	5 507	28 170	874	(*)	(*)
	MASSACHUSETTS . . . . .	73	23	1 706	8 608	1 009	2 009	4 343	22 200	663	(*)	(*)
	RHODE ISLAND . . . . .	14	4	297	1 213	116	220	434	2 659	(D)	(*)	(*)
	CONNECTICUT . . . . .	17	3	267	1 512	145	286	623	2 897	181	(*)	(*)
	MIDDLE ATLANTIC . . . . .	467	166	16 466	92 441	9 466	18 794	44 620	211 948	8 090	(*)	(*)
	NEW YORK . . . . .	197	50	4 161	23 120	2 489	4 921	10 980	53 004	1 034	(*)	(*)
	NEW JERSEY . . . . .	171	71	7 197	41 285	4 246	8 597	21 171	103 343	3 672	(*)	(*)
	PENNSYLVANIA . . . . .	99	45	5 108	28 036	2 731	5 276	12 469	55 601	3 384	(*)	(*)
	EAST NORTH CENTRAL . . . . .	420	172	20 623	116 561	11 524	23 481	54 727	298 854	10 547	(*)	(*)
	OHIO . . . . .	120	50	6 067	32 879	3 103	6 288	14 214	84 438	3 530	(*)	(*)
	INDIANA . . . . .	31	8	1 072	5 952	538	1 104	2 378	11 848	236	(*)	(*)
	ILLINOIS . . . . .	164	73	8 548	48 706	5 268	10 855	25 160	130 982	3 124	(*)	(*)
	MICHIGAN . . . . .	77	32	3 808	22 993	2 107	4 226	10 550	58 269	3 370	(*)	(*)
	WISCONSIN . . . . .	28	9	1 128	6 031	508	1 008	2 425	13 317	287	(*)	(*)
	WEST NORTH CENTRAL . . . . .	111	44	3 898	21 326	2 085	4 212	9 607	54 999	1 293	(*)	(*)
	MINNESOTA . . . . .	25	10	784	4 182	486	990	2 301	8 479	192	(*)	(*)
	IOWA . . . . .	10	4	473	2 497	262	519	1 436	11 689	458	(*)	(*)
	MISSOURI . . . . .	60	27	2 466	13 605	1 243	2 510	5 446	33 363	508	(*)	(*)
	SOUTH ATLANTIC . . . . .	159	53	3 707	18 271	2 301	4 608	8 148	47 809	1 825	(*)	(*)
	MARYLAND . . . . .	34	17	1 180	5 789	755	1 510	2 906	15 449	349	(*)	(*)
	VIRGINIA . . . . .	19	5	357	1 647	233	417	702	3 462	62	(*)	(*)
	NORTH CAROLINA . . . . .	21	5	484	2 662	311	645	1 112	5 213	414	(*)	(*)
	GEORGIA . . . . .	32	14	843	4 166	488	1 004	1 722	13 264	618	(*)	(*)
	FLORIDA . . . . .	44	8	588	2 612	374	737	1 235	8 340	344	(*)	(*)
	EAST SOUTH CENTRAL . . . . .	48	22	2 291	12 319	1 202	2 534	5 182	31 388	987	(*)	(*)
	KENTUCKY . . . . .	23	13	1 530	8 579	773	1 663	3 538	24 380	854	(*)	(*)
	TENNESSEE . . . . .	12	6	452	2 084	242	485	873	3 863	105	(*)	(*)
	ALABAMA . . . . .	8	3	271	1 359	159	325	688	2 804	14	(*)	(*)
	WEST SOUTH CENTRAL . . . . .	100	33	2 582	13 060	1 328	2 725	5 758	35 286	4 464	(*)	(*)
	LOUISIANA . . . . .	15	5	345	1 643	204	395	817	4 970	36	(*)	(*)
	TEXAS . . . . .	73	24	1 940	10 221	1 006	2 097	4 504	28 329	4 417	(*)	(*)
	MOUNTAIN . . . . .	20	9	548	2 837	259	519	1 054	5 221	76	(*)	(*)
	COLORADO . . . . .	10	6	373	1 880	147	291	581	2 974	29	(*)	(*)
	PACIFIC . . . . .	273	70	6 328	34 960	3 727	7 463	18 511	93 220	2 387	(*)	(*)
	WASHINGTON . . . . .	23	7	351	1 839	231	477	1 070	5 274	125	(*)	(*)
	OREGON . . . . .	19	4	264	1 117	139	270	621	2 415	45	(*)	(*)
	CALIFORNIA . . . . .	231	59	5 713	32 004	3 357	6 716	16 820	85 531	2 217	(*)	(*)

See footnotes at end of table.

Table 2.-GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
286	GUM AND WOOD CHEMICALS, TOTAL <sup>2</sup> . . .	190	41	7 251	30 097	5 916	11 563	21 792	85 302	4 928	(*)	(*)
287	AGRICULTURAL CHEMICALS, TOTAL. . . .	1 305	508	38 679	160 421	27 336	54 419	99 468	414 781	39 929	(*)	(*)
	NEW ENGLAND . . . . .	37	8	603	2 253	457	860	1 565	4 695	317	(*)	(*)
	MAINE . . . . .	11	3	180	641	137	248	371	1 007	(D)	(*)	(*)
	MASSACHUSETTS. . . . .	16	5	348	1 350	259	493	986	2 849	238	(*)	(*)
	MIDDLE ATLANTIC . . . . .	117	44	3 847	18 168	2 448	4 879	9 901	35 539	2 623	(*)	(*)
	NEW YORK . . . . .	38	13	991	4 646	583	1 140	2 183	9 319	1 195	(*)	(*)
	NEW JERSEY . . . . .	38	21	1 688	7 986	1 198	2 393	5 120	17 080	1 042	(*)	(*)
	PENNSYLVANIA . . . . .	41	10	1 168	5 536	667	1 346	2 598	9 140	386	(*)	(*)
	EAST NORTH CENTRAL. . . . .	199	83	6 370	28 539	4 571	9 337	19 022	76 420	9 236	(*)	(*)
	INDIANA . . . . .	40	18	1 148	4 760	888	1 808	3 314	14 487	1 692	(*)	(*)
	MICHIGAN . . . . .	21	6	593	2 914	449	990	2 155	7 243	760	(*)	(*)
	WEST NORTH CENTRAL. . . . .	134	35	2 464	10 640	1 702	3 308	6 177	26 036	3 181	(*)	(*)
	MINNESOTA. . . . .	25	7	500	1 799	384	746	1 314	5 853	303	(*)	(*)
	MISSOURI . . . . .	33	11	1 000	4 927	592	1 236	2 349	9 807	2 308	(*)	(*)
	NEBRASKA . . . . .	19	3	163	734	123	210	392	1 547	132	(*)	(*)
	SOUTH ATLANTIC. . . . .	390	194	14 724	54 149	10 957	21 927	35 970	129 509	9 917	(*)	(*)
	MARYLAND . . . . .	41	23	1 690	6 965	1 241	2 527	4 659	14 937	1 330	(*)	(*)
	VIRGINIA . . . . .	40	27	2 014	6 831	1 445	2 648	4 465	15 799	1 682	(*)	(*)
	NORTH CAROLINA . . . . .	68	34	2 018	6 133	1 370	2 453	3 459	12 448	788	(*)	(*)
	SOUTH CAROLINA . . . . .	47	19	1 080	2 969	821	1 581	2 031	6 204	411	(*)	(*)
	GEORGIA. . . . .	102	42	2 708	7 970	2 110	4 124	5 300	13 714	767	(*)	(*)
	FLORIDA. . . . .	82	47	5 073	22 591	3 868	8 375	15 698	64 956	4 863	(*)	(*)
	EAST SOUTH CENTRAL. . . . .	122	58	3 209	10 624	2 496	4 879	7 243	26 738	7 858	(*)	(*)
	ALABAMA. . . . .	52	20	1 077	3 323	819	1 611	2 272	7 019	330	(*)	(*)
	MISSISSIPPI. . . . .	25	12	660	2 142	538	1 025	1 510	6 130	(D)	(*)	(*)
	WEST SOUTH CENTRAL. . . . .	113	40	3 152	14 419	2 176	4 497	8 754	54 896	3 272	(*)	(*)
	ARKANSAS . . . . .	13	5	371	1 381	259	576	877	2 788	217	(*)	(*)
	LOUISIANA. . . . .	16	8	503	1 819	378	750	1 178	3 161	370	(*)	(*)
	OKLAHOMA . . . . .	11	3	171	606	113	235	399	1 144	71	(*)	(*)
	TEXAS. . . . .	73	24	2 107	10 613	1 426	2 936	6 300	47 803	2 614	(*)	(*)
	MOUNTAIN. . . . .	44	8	1 514	7 886	976	1 933	4 477	26 831	1 223	(*)	(*)
	PACIFIC . . . . .	149	38	2 796	13 743	1 553	2 799	6 359	34 117	2 302	(*)	(*)
	WASHINGTON . . . . .	24	2	159	620	113	188	374	1 703	(D)	(*)	(*)
	OREGON . . . . .	9	4	231	1 023	156	256	637	2 491	(D)	(*)	(*)
	CALIFORNIA . . . . .	116	32	2 406	12 100	1 284	2 355	5 348	29 923	1 703	(*)	(*)
289	OTHER CHEMICAL PRODUCTS, TOTAL . . .	1 987	506	60 268	327 021	40 322	79 648	188 523	804 464	53 842	(*)	(*)
	NEW ENGLAND . . . . .	156	26	3 540	18 266	2 356	4 607	10 334	38 150	2 476	(*)	(*)
	MAINE. . . . .	9	1	109	386	80	183	248	1 199	(D)	(*)	(*)
	MASSACHUSETTS. . . . .	97	18	2 487	13 473	1 612	3 146	7 802	28 283	2 071	(*)	(*)
	MIDDLE ATLANTIC . . . . .	569	142	16 265	87 511	11 177	21 772	51 891	205 420	11 161	(*)	(*)
	NEW YORK . . . . .	262	50	6 038	33 413	4 158	8 253	19 735	72 958	4 192	(*)	(*)
	NEW JERSEY . . . . .	164	49	5 500	30 526	3 941	7 761	19 462	85 753	4 434	(*)	(*)
	PENNSYLVANIA . . . . .	143	43	4 727	23 572	3 078	5 758	12 694	46 709	2 535	(*)	(*)
	EAST NORTH CENTRAL. . . . .	514	157	18 933	102 968	11 634	23 039	53 241	227 545	16 785	(*)	(*)
	OHIO . . . . .	164	47	5 993	32 101	3 720	7 371	16 761	69 680	5 412	(*)	(*)
	INDIANA . . . . .	37	11	2 054	10 664	970	1 931	4 277	17 594	830	(*)	(*)
	ILLINOIS . . . . .	195	62	6 759	37 802	4 123	8 147	18 882	85 327	7 489	(*)	(*)
	MICHIGAN . . . . .	74	24	2 508	13 528	1 739	3 462	8 153	37 591	2 087	(*)	(*)
	WISCONSIN. . . . .	44	13	1 619	8 873	1 082	2 128	5 168	17 353	967	(*)	(*)
	WEST NORTH CENTRAL. . . . .	113	30	4 261	24 246	2 810	5 578	14 356	84 091	6 880	(*)	(*)
	MISSOURI . . . . .	54	17	1 595	8 675	1 004	1 927	4 909	24 101	3 255	(*)	(*)
	KANSAS . . . . .	13	9	1 426	8 274	1 024	2 125	5 650	16 639	805	(*)	(*)
	SOUTH . . . . .	358	90	11 667	62 872	8 406	16 843	39 329	170 421	9 438	(*)	(*)
	NORTH CAROLINA . . . . .	18	2	331	1 822	200	415	547	3 900	150	(*)	(*)
	FLORIDA. . . . .	35	1	149	740	106	212	452	1 735	271	(*)	(*)
	TENNESSEE. . . . .	25	6	1 218	7 170	797	1 623	4 050	11 096	718	(*)	(*)
	ALABAMA. . . . .	17	6	903	4 531	608	1 114	2 802	15 533	791	(*)	(*)

See footnotes at end of table.



Table 2.—GENERAL STATISTICS FOR INDUSTRY GROUPS BY REGIONS AND STATES: 1958 AND 1954—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry group, region, and State	1958								1954		
		Establishments, number		All employees		Production workers			Value added by manu- facture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All em- ployees, number	Value added by manu- facture, unadjusted (\$1,000)
		Total	With 20 or more em- ployees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
289	OTHER CHEMICAL PRODUCTS—CONTINUED SOUTH—CONTINUED											
	LOUISIANA . . . . .	29	10	1 143	6 117	934	1 999	4 719	23 556	1 913	(*)	(*)
	OKLAHOMA . . . . .	12	2	128	769	77	151	399	3 337	63	(*)	(*)
	MOUNTAIN . . . . .	34	10	1 116	5 990	898	1 761	4 437	14 112	2 115	(*)	(*)
	COLORADO . . . . .	16	2	328	1 718	254	480	1 236	3 489	44	(*)	(*)
	NEW MEXICO . . . . .	6	4	255	1 534	228	525	1 344	5 179	118	(*)	(*)
	PACIFIC . . . . .	243	51	4 486	25 168	3 041	6 048	14 935	64 725	4 987	(*)	(*)
	WASHINGTON . . . . .	22	6	516	2 663	370	675	1 715	5 800	519	(*)	(*)
	OREGON . . . . .	15	4	189	1 137	108	211	526	4 761	220	(*)	(*)
	CALIFORNIA . . . . .	206	41	3 781	21 368	2 563	5 162	12 694	54 164	4 248	(*)	(*)

Note: Due to a change in the Standard Industrial Classification system between the two census years the 1954 data for certain industry groups have been adjusted by shifting industries or groups of industries to improve comparability (without a complete retabulation of the 1954 Census of Manufactures reports) with the 1958 figures shown in the table. Therefore, the 1954 data in this table may not agree with the 1954 data in other tables.

\*The 1954 figures are not shown (a) to avoid disclosing figures for individual companies or (b) because of revisions in the Standard Industrial Classification system which resulted in noncomparable data.

<sup>1</sup>The 1954 data for this industry are not strictly comparable with 1958 figures shown in the table. See Appendix A or section relating to the specified industry in 1958 Census of Manufactures, Volume II for further information on the comparability of 1958 and 1954 statistics.

<sup>2</sup>This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3-DETAILED STATISTICS FOR THE UNITED STATES: 1958

(For explanation of column captions see Introduction)

Item	Chemicals and allied products (SIC 28)	Basic chemicals (SIC 281)	Fibers, plastics, rubbers (SIC 282)	Drugs (SIC 283)	Cleaning and toilet goods (SIC 284)	Paints and varnishes (SIC 285)	Gum and wood chemicals (SIC 286)	Agricultural chemicals (SIC 287)	Other chemical products (SIC 289)
Number of establishments, total.....	11,309	1,698	407	1,359	2,654	1,709	190	1,305	1,987
With 1-19 employees.....	7,558	836	154	956	2,076	1,109	149	797	1,481
With 20-99 employees.....	2,608	533	120	254	424	460	21	428	368
With 100 employees or more.....	1,143	329	133	149	154	140	20	80	138
Proprietors and working partners.....Number..	(NA)	162	37	364	1,047	484	101	(NA)	577
All employees:									
Number (average for the year).....	699,166	238,104	121,536	95,940	78,618	58,770	7,251	38,679	60,268
Payroll.....\$1,000..	3,947,175	1,459,683	683,376	545,691	417,514	323,372	30,097	160,421	327,021
Production workers:									
Number (average for the year).....	453,411	157,644	86,180	54,915	47,908	33,190	5,916	27,336	40,322
March.....	458,737	161,778	85,270	55,262	46,692	32,440	5,818	30,930	40,547
May.....	456,252	157,544	84,659	54,794	46,941	33,138	6,231	33,019	39,926
August.....	449,935	155,921	86,459	54,888	49,505	34,089	6,136	22,704	40,233
November.....	449,986	155,253	88,299	54,714	48,933	33,393	5,520	23,144	40,730
Man-hours.....1,000..	908,824	318,710	173,059	110,183	94,336	66,906	11,563	54,419	79,648
January-March.....do....	229,440	82,729	43,223	28,249	22,642	15,748	2,798	13,933	20,118
April-June.....do....	226,696	78,319	41,678	27,690	22,932	16,697	3,057	16,730	19,593
July-September.....do....	219,321	77,002	42,560	26,046	23,188	16,802	2,948	11,434	19,341
October-December.....do....	229,543	80,453	45,485	27,302	24,167	17,107	2,675	11,954	20,400
Wages.....\$1,000..	2,244,318	892,440	429,834	250,695	208,452	153,114	21,792	99,468	188,523
Value added by manufacture, adjusted....do....	12,270,371	<sup>1</sup> 4,259,770	1,899,770	2,096,288	1,903,101	806,895	85,302	414,781	804,464
Cost of fuels consumed.....do....	359,459	<sup>2</sup> 236,824	63,409	11,593	12,489	5,429	3,619	6,138	19,958
Cost of electricity purchased.....do....	428,569	<sup>2</sup> 361,441	22,891	11,314	6,713	6,193	972	8,727	10,318
Manufacturers' inventories:									
Beginning of year, total.....do....	3,072,360	<sup>3</sup> 1,053,126	459,838	447,512	358,278	277,897	28,437	228,798	218,474
Finished products.....do....	1,400,991	455,819	236,041	152,560	167,377	147,466	14,063	124,636	103,029
Work-in-process.....do....	453,501	177,807	54,736	119,063	35,428	18,915	1,592	23,497	22,463
Materials, supplies, fuels, etc.....do....	1,217,868	419,500	169,061	175,889	155,473	111,516	12,782	80,665	92,982
End of year, total.....do....	3,001,693	<sup>3</sup> 1,010,746	437,191	440,832	356,474	280,414	31,260	232,192	212,584
Finished products.....do....	1,384,440	449,082	220,655	154,963	168,776	148,111	15,814	125,388	101,651
Work-in-process.....do....	431,196	169,648	55,603	109,498	30,429	19,343	2,226	23,311	21,138
Materials, supplies, fuels, etc.....do....	1,186,057	392,016	160,933	176,371	157,269	112,960	13,220	83,493	89,795
Expenditures for plant and equipment, total.....do....	1,137,944	<sup>3</sup> 619,619	229,167	105,609	43,078	35,900	4,944	40,835	58,792
New, total.....do....	1,115,806	613,426	225,737	105,083	42,318	30,543	4,928	39,929	53,842
New structures and additions to plant.....do....	274,903	142,910	42,454	40,348	12,695	13,576	630	9,014	13,276
New machinery and equipment.....do....	840,903	470,516	183,283	64,735	29,623	16,967	4,298	30,915	40,566
Used plant and equipment.....do....	22,138	6,193	3,430	526	760	5,357	16	906	4,950

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available.

<sup>1</sup>Includes value added in the amount of \$538,380 thousand for government-owned, privately operated establishments which was estimated based upon averages reported for commercial establishments in prior years.

<sup>2</sup>Excludes government-owned materials furnished to government-owned, privately operated establishments and includes fuels and electricity purchased by or for these establishments.

<sup>3</sup>Capital expenditures and inventories of government-owned, privately operated establishments are excluded from the totals for the industry.



# Industrial Inorganic and Organic Chemicals

This report shows 1958 Census of Manufactures statistics for establishments classified into each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2812—Alkalies and Chlorine
- 2813—Industrial Gases
- 2814—Cyclic (Coal Tar) Crudes
- 2815—Dyes, Dye (Cyclic) Intermediates, and Organic Pigments (Lakes and Toners)
- 2816—Inorganic Pigments
- 2818—Industrial Organic Chemicals, N.E.C.
- 2819—Industrial Inorganic Chemicals, N.E.C.

This group includes establishments primarily engaged in manufacturing basic industrial inorganic and organic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in Industry 2873; organic and inorganic medicinal chemicals, drugs and medicines in Industry 2833; wood distillation products and naval stores in Group 286; and soap, glycerin (except synthetic), and cosmetics in Group 284.

In order to avoid duplicating the reports furnished to the U. S. Tariff Commission for synthetic organic chemicals, establishments reporting these products to the U. S. Tariff Commission were requested to report dollar values by product classes to the Bureau of the Census including the value of those synthetic organic chemicals shipped as interplant transfers. As indicated in the table below, the dollar values reported to the Census Bureau differ from those reported to the U. S. Tariff Commission.

In general, data reported to the Census Bureau are for the value of the product as shipped whether it is a chemical compound or a finished product (preparation or mix-

ture). Sales figures reported to the Tariff Commission represent the value of the organic chemical compound whether it is shipped as such or incorporated in another product. Also, reports to the Census Bureau are based on plant reports and the dollar shipment figures represent the valuation (f.o.b. plant) of all goods physically shipped from the producing site. Thus the Census data include products shipped on consignment and interplant transfers (separate measures are shown in table 6A) while the U. S. Tariff Commission data represent sales on a company basis by primary producers, only when accompanied by passage of title. Thus, the commercial shipment figures reported by Census most nearly corresponds to the information in the Tariff report.

In addition, there are specific reasons why the figures for certain product classes published by the two agencies differ. For example, the U. S. Tariff Commission total for tar crudes includes data furnished to the Coal Economics Division of the United States Bureau of Mines by coke oven operators, and data furnished to the American Gas Association by producers of water-gas and oil-gas tar. The Census Bureau total appearing in this report does not include these figures since the data for byproduct ovens are classified and shown in Industry 3312, and establishments operating medium and low temperature carbonization plants and retorts are excluded from the Census of Manufactures.

Despite these differences in the two sets of data, they should be considered as complementary: those of the Census Bureau represent the shipment values by plants classified in manufacturing industries for groups of synthetic organic chemicals in the form in which they are actually shipped, and those of the U. S. Tariff Commission, represent company sales and production for a detailed list of products.

SHIPMENTS AND INTERPLANT TRANSFERS OF SYNTHETIC ORGANIC CHEMICALS: 1958  
(In millions of dollars)

Code	Product or product class	As reported by--		
		Bureau of the Census		U. S. Tariff Commission
		Shipments including interplant transfers	Commercial shipments only	Sales
28140	Tar crudes.....	105	(D)	157
28151	Intermediates.....	531	399	439
28152	Synthetic organic dyes.....	175	172	178
28153	Synthetic organic pigments, lakes, and toners.....	80	64	53
28181	Miscellaneous cyclic chemical products.....	143	129	128
28182	Miscellaneous acyclic chemicals and chemical products.....	2,126	1,540	1,520
28183	Synthetic organic chemicals, n.e.c.....	291	264	243
2818311	Flavor and perfume materials.....	55	(D)	52
2818331	Rubber processing chemicals.....	98	(D)	80
2818351	Plasticizers.....	138	121	111
28184	Pesticides and other synthetic organic agricultural chemicals.....	96	90	196

(D) Withheld to avoid disclosing figures for individual companies.



2812--Alkalies and Chlorine

This industry comprises establishments primarily engaged in manufacturing sodium hydroxide (caustic soda), potassium hydroxide (caustic potash), soda ash, potassium carbonate, sodium bicarbonate, sal soda, and chlorine. Establishments primarily engaged in manufacturing ammonium compounds or alkali metals are classified in Industry 2819, Industrial Inorganic Chemicals, N.E.C.; and plants primarily engaged in mining natural potassium or sodium alkalies are classified in S.I.C. Industry 1474, Potash, Soda, and Borate Minerals. For a detailed list of products of Industry 2812, refer to table 6A, product codes 2812111 to 2812481.

The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Alkalies and Chlorine Industry in 1958 totaled \$504 million. This included shipments of alkalies and chlorine (primary products), valued at \$356 million, shipments of other products (secondary products) valued at \$130 million, and miscellaneous receipts of \$18 million.

This industry's shipments of alkalies and chlorine (primary products) in 1958 represented 73 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 76 percent. Secondary products shipped by this industry in 1958 consisted mainly of miscellaneous acyclic chemicals and chemical products, \$30 million; and reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c., \$18 million.

Industry 2812 shipments of alkalies and chlorine (primary products) in 1958 represented 84 percent (coverage ratio) of these products valued at \$425 million shipped by all industries. In 1954, the coverage ratio was also 84 percent.

2813--Industrial Gases

This industry comprises establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine, ammonia, and sulfur dioxide are classified in Industry 2819; and chlorine in Industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade. Natural gasoline plants engaged in the production of gases in compressed and liquefied form are classified in Mining Industries, and petroleum refineries producing these gases in Industry 2911, Petroleum Refining. For a detailed list of products of Industry 2813, refer to table 6A, product codes 2813210 to 2813498.

While the identifying code number for this industry has been changed from the code number used in the previous classification system, the content of the industry, is unchanged.

Value of shipments and other receipts of the Industrial Gases Industry in 1958 totaled \$277 million. This included shipments of industrial gases (primary products), valued at \$223 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts of \$52 million.

This industry's shipments of industrial gases (primary products) in 1958 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 99 percent.

Industry 2813 shipments of industrial gases (primary products) in 1958 represented 85 percent (coverage ratio) of these products valued at \$262 million shipped by all industries. In 1954, the coverage ratio was 84 percent.

2814--Cyclic (coal tar) Crudes

This industry comprises establishments primarily engaged in manufacturing crudes from coal tar. Such crudes include (1) light oils and light oil products; (2) coal tar acids; and (3) products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in Industry 3312, and petroleum refineries which produce such products in Industry 2911. No attempt was made by the Census Bureau to secure commodity detail for the tar crudes manufactured by tar distillers since this information is compiled and published by the U. S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. Direct comparisons between the product class data reported to the Census Bureau and the product information reported to the U. S. Tariff Commission may not be made since the statistics published by the U. S. Tariff Commission do not show all products produced by tar distillers as distinguished from products produced by petroleum refineries or others. For total value of cyclic (coal tar) crudes shipped, refer to table 6A, product code 2814011.

While the identifying code number for this industry has been changed from the code number used in the previous classification system, the content of the industry, is unchanged.

Value of shipments and other receipts of the Cyclic (coal tar) Crudes Industry in 1958 totaled \$117 million. This included shipments of cyclic (coal tar) crudes (primary products), valued at \$87 million, shipments of other products (secondary products) valued at \$27 million, and miscellaneous receipts of \$3 million.

This industry's shipments of cyclic (coal tar) crudes (primary products) in 1958 represented 76 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 82 percent. Secondary products shipped by this industry in 1958 consisted mainly of cyclic intermediates, \$10 million; and asphalt and tar roofing and siding products, \$7 million.

Industry 2814 shipments of cyclic (coal tar) crudes (primary products) in 1958 represented 83 percent (coverage ratio) of these products valued at \$105 million shipped by all industries. In 1954, the coverage ratio was 72 percent. Other industries shipping cyclic (coal tar) crudes (primary products) consisted mainly of Industry 2815, Intermediate Coal Tar Products, \$6 million; and Industry 2821, Plastic Materials, \$3 million.

2815--Dyes, Dye (cyclic) Intermediates, and Organic Pigments (lakes and toners)

This industry comprises establishments primarily engaged in manufacturing cyclic organic intermediates, dyes,



color lakes and toners. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole and other cyclic chemical products; (2) synthetic organic dyes; and (3) synthetic organic pigments. As indicated previously, no attempt was made by the Census Bureau to secure commodity detail for intermediates, dyes, or lakes and toners since this information is compiled and published by the U. S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. For the total value of the product groupings comprising Industry 2815, refer to table 6A, product codes 2815111 to 2815311.

While the identifying code number for this industry has been changed from the code number used in the previous classification system, the content of the industry, is unchanged.

Value of shipments and other receipts of the Intermediate Coal Tar Products Industry in 1958 totaled \$817 million. This included shipments of intermediate coal tar products (primary products), valued at \$513 million, shipments of other products (secondary products) valued at \$261 million, and miscellaneous receipts of \$43 million.

This industry's shipments of intermediate coal tar products (primary products) in 1958 represented 76 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 64 percent. Secondary products shipped by this industry in 1958 consisted mainly of miscellaneous acyclic chemicals and chemical products, \$53 million, and synthetic resins, except protective coatings \$35 million.

Industry 2815 shipments of intermediate coal tar products (primary products) in 1958 represented 65 percent (coverage ratio) of these products valued at \$788 million shipped by all industries. In 1954, the coverage ratio was 66 percent. Other industries shipping intermediate coal tar products (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C.

#### 2816—Inorganic Pigments

This industry comprises establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, Industry 2895), white pigments and color pigments. Organic color pigments are classified in Industry 2815. For a detailed list of products of Industry 2816, refer to table 6A, product codes 2816111 to 2816392.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual was changed to code number 2816 from code number 2852, and the content of the industry has been slightly changed from the previous classification system.

Bone black and lamp black, formerly classified in old Industry 2895, Carbon Black; and whiting, formerly classified in old Industry 2853, Whiting and Fillers, are now considered primary to Industry 2816, Inorganic Pigments.

Value of shipments and other receipts of the Inorganic Pigments Industry in 1958 totaled \$418 million. This included shipments of inorganic pigments (primary products), valued at \$365 million, shipments of other products (secondary products) valued at \$31 million, and miscellaneous receipts of \$22 million.

This industry's shipments of inorganic pigments (primary products) in 1958 represented 92 percent (specialization ratio) of its total product shipments (primary

and secondary). The industry specialization ratio in 1954 was 88 percent. Secondary products shipped by this industry in 1958 consisted mainly of reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c., \$12 million; and synthetic organic pigments, lakes, and toners, \$6 million.

Industry 2816 shipments of inorganic pigments (primary products) in 1958 represented 89 percent (coverage ratio) of these products valued at \$412 million shipped by all industries. In 1954, the coverage ratio was 88 percent. Other industries shipping inorganic pigments (primary products) consisted mainly of Industry 2815, Intermediate Coal Tar Products, \$15 million; Industry 2851, Paints and Varnishes, \$6 million; and Industry 2899, Chemical Preparations, N.E.C., \$7 million.

#### 2818—Industrial Organic Chemicals, N.E.C.

This industry comprises establishments primarily engaged in manufacturing industrial organic chemicals, n.e.c. Important products of this industry include: (1) non-cyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastic materials and nonvulcanizable elastomers are classified in Industry 2821; synthetic rubber in Industry 2822; essential oils in Industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Group 286; rayon and other synthetic fibers in Industries 2823 and 2824; specialty cleaning, polishing and sanitation preparations in Industry 2842; and paints and pigments in Group 285. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in Industry 2085. Detailed product information for industrial organic chemicals are not shown as data for these products are compiled and published by the U. S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales.

For the total value of the product groupings comprising Industry 2818, refer to table 6A, product codes 2818111 to 2818598.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual was changed to code number 2818 from code number 2829 and the content of the industry has been slightly changed from the previous classification system.

Bulk surface active agents, other than sulfonated oils and fats and other than detergents (emulsifiers, penetrants, wetting agents, etc.), formerly classified in this



industry are now considered primary to Industry 2843, Surface Active Agents.

Value of shipments and other receipts of the Organic Chemicals, N.E.C., Industry in 1958 totaled \$3,098 million. This included shipments of industrial organic chemicals (primary products), valued at \$2,213 million, shipments of other products (secondary products) valued at \$809 million, and miscellaneous receipts of \$76 million.

This industry's shipments of industrial organic chemicals (primary products) in 1958 represented 73 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 77 percent. Secondary products shipped by this industry in 1958 consisted mainly of synthetic resins, except protective coatings, \$205 million; and cyclic intermediates, \$140 million.

Industry 2818 shipments of industrial organic chemicals, n.e.c., (primary products) in 1958 represented 79 percent (coverage ratio) of these products valued at \$2,787 million shipped by all industries. In 1954, the coverage ratio was 80 percent. Other industries shipping industrial organic chemicals (primary products) consisted mainly of Industry 2911, Petroleum Refining, \$106 million; and Industry 2815, Intermediate Coal Tar Products, \$107.

#### 2819—Industrial Inorganic Chemicals, N.E.C.

This industry comprises establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds and anhydrous ammonia; fertilizer materials such as muriate and sulfate of potash; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.).

Beginning with 1954, statistics include information for Government-owned plants operated by private firms for the account of the Federal Government but exclude the activities of Government-owned and/or operated plants. The 1947 statistics exclude information for all Govern-

ment plants except Tennessee Valley Authority plants. General statistics (tables 1, 2, 3, and 4) are shown first for all plants (private and Government) and second for private plants only. Capital expenditures made by Government-owned-privately operated plants are not included because they are paid for by current billings to the United States. For a detailed list of products of Industry 2819, refer to table 6A, product codes 2819111 to 2819998.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

Table 1A shows that 50 establishments and 3,455 employees formerly classified in the old industry 2811, Sulfuric Acid, are now included in the new industry 2819, Inorganic Chemicals, N.E.C. In addition, 21 establishments with 1,510 employees were also reclassified into industry 2819. This change was primarily caused by the reclassification of establishments engaged in the manufacture of chemical catalytic preparations.

Value of shipments and other receipts of the Inorganic Chemicals, N.E.C., Industry in 1958 totaled \$2,754 million. This included shipments of industrial inorganic chemicals (primary products), valued at \$1,635 million, shipments of other products (secondary products) valued at \$243 million, and miscellaneous receipts (mainly contract work on materials owned by others) of \$876 million.

This industry's shipments of inorganic chemicals (primary products) in 1958 represented 87 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of miscellaneous acyclic chemicals and chemical products, \$53 million; and alkaline detergent and acid-type cleaners, \$20 million.

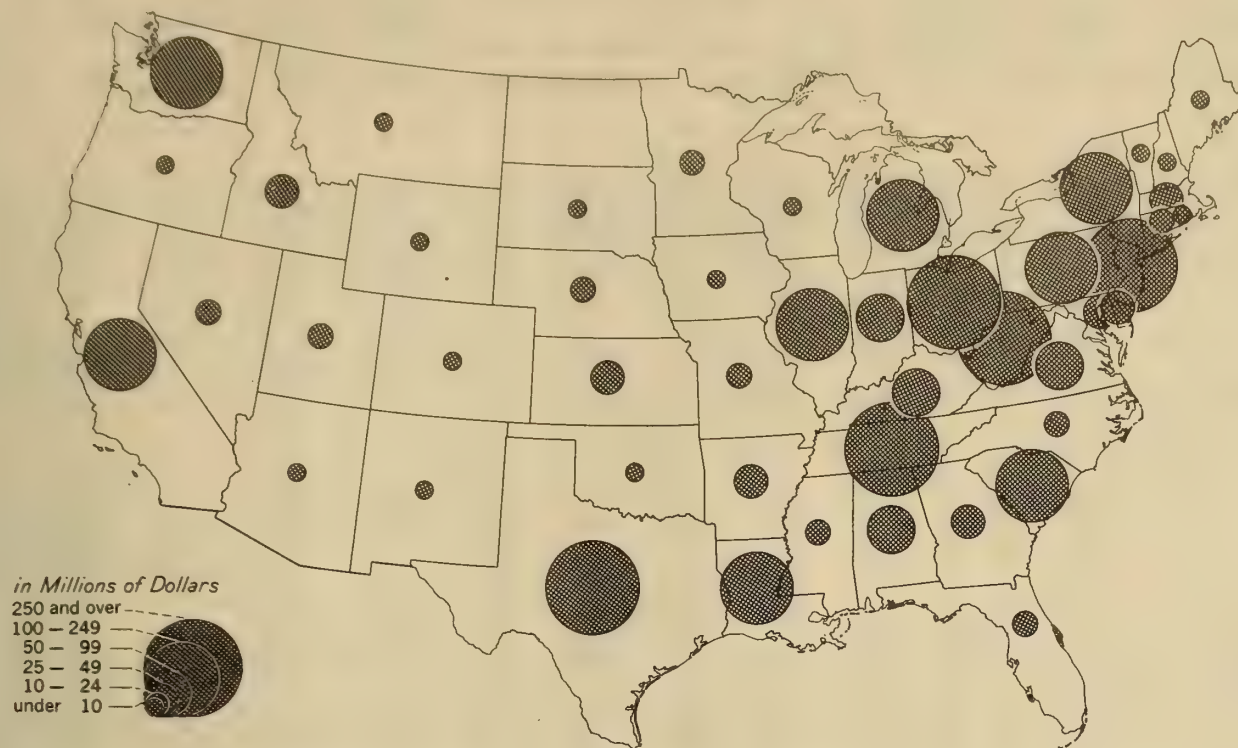
Industry 2819 shipments of inorganic chemicals (primary products) in 1958 represented 80 percent (coverage ratio) of these products valued at \$2,032 million shipped by all industries. Other industries shipping industrial inorganic chemicals (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C., \$117 million; and Industry 2812, Alkalies and Chlorine, \$47 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



## INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS: SIC 281

Value Added by Manufacture by State: 1958



Includes Industries 2812, 2813, 2814, 2815, 2816, 2818, and 2819. See Table 2.

Bureau of the Census M-58-D281

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2812 (old SIC 2812)	Alkalies and chlorine:														
	1958.....	18	34	32	20,476	115,024	13,905	28,440	75,079	306,187	198,257	504,309	27,871	73	84
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	21,429	119,734	15,144	31,083	79,345	314,346	187,509	496,583	68,430	75	84
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	20,973	109,823	15,128	31,706	75,106	310,930	173,635	476,320	68,897	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	20,101	101,200	14,623	30,005	68,520	284,380	158,818	444,021	35,886	(NA)	(NA)
	1954.....	17	29	29	20,440	96,047	15,198	31,393	67,890	256,282	159,354	413,558	34,728	76	84
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	21,966	102,604	17,138	(NA)	76,211	242,536	153,396	395,932	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	22,283	96,942	17,036	(NA)	69,943	209,718	144,868	354,586	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	21,749	91,306	17,191	(NA)	66,244	227,565	149,568	377,133	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	17,197	67,225	13,223	(NA)	49,063	185,144	106,349	291,493	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	18,603	66,176	14,752	(NA)	49,346	144,775	104,603	249,378	(NA)	(NA)	(NA)
	1947.....	18	32	(NA)	19,853	63,822	15,017	31,815	45,494	113,868	94,692	208,560	(NA)	81	85
	1939.....	(NA)	33	(NA)	(NA)	(NA)	10,516	(NA)	16,356	68,204	33,653	101,857	(NA)	(NA)	(NA)
2813 (old SIC 2896)	Industrial gases:														
	1958.....	111	491	177	10,642	56,661	5,813	12,668	30,576	174,249	103,466	277,441	41,761	99	85
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,250	48,664	6,225	12,703	28,117	157,002	71,992	217,580	16,970	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,399	48,006	6,519	13,615	29,154	147,839	65,050	201,680	25,997	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,779	43,073	6,130	12,647	25,868	137,958	61,063	186,743	19,211	(NA)	(NA)
	1954.....	101	428	156	10,363	44,092	6,315	13,143	25,288	121,840	78,653	200,769	19,840	99	84
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,263	48,379	7,278	(NA)	30,355	120,249	59,524	179,773	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,797	47,225	7,601	(NA)	30,015	114,697	47,014	161,711	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	11,289	41,790	7,439	(NA)	26,786	102,626	44,593	147,219	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,547	30,417	5,727	(NA)	19,484	85,508	31,661	117,169	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,646	28,444	5,614	(NA)	18,071	76,240	30,142	106,382	(NA)	(NA)	(NA)
	1947.....	69	371	148	8,983	25,241	6,139	13,247	16,996	66,833	26,656	93,489	9,709	100	84
	1939.....	(NA)	379	(NA)	6,450	11,465	3,960	(NA)	5,854	39,833	13,532	53,365	(NA)	(NA)	(NA)
	1937.....	(NA)	356	(NA)	6,180	9,726	4,655	(NA)	6,591	42,174	14,244	56,418	(NA)	(NA)	(NA)
	1935.....	(NA)	330	(NA)	5,691	8,157	3,788	(NA)	4,408	30,780	11,239	42,019	(NA)	(NA)	(NA)
2814 (old SIC 2821)	Cyclic (coal tar) crudes:														
	1958.....	13	45	23	2,084	12,008	1,677	3,482	9,025	29,993	86,200	116,972	4,036	76	83
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	1,946	10,347	1,455	2,784	6,760	26,510	77,303	102,487	7,681	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	1,853	9,388	1,405	2,746	6,398	27,050	79,186	104,954	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	1,855	8,592	1,412	2,710	5,714	24,721	61,272	85,743	(S)	(NA)	(NA)
	1954.....	11	43	26	1,925	8,246	1,488	2,829	5,620	22,206	56,456	79,130	2,199	82	72
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	2,235	9,804	1,758	(NA)	7,024	27,800	69,196	96,996	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	2,360	9,156	1,942	(NA)	6,963	24,973	65,142	90,115	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	2,046	7,104	1,640	(NA)	5,412	22,832	55,415	78,247	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	2,025	7,381	1,600	(NA)	5,012	22,376	46,284	68,660	(NA)	(NA)	(NA)
	1947.....	13	46	(NA)	1,972	5,490	1,633	3,727	4,527	17,071	43,568	60,639	(NA)	85	78
	1939.....	(NA)	45	(NA)	(NA)	(NA)	1,528	(NA)	2,110	11,433	21,368	32,801	(NA)	(NA)	(NA)
2815 (old SIC 2822)	Intermediate coal tar products:														
	1958.....	85	115	87	26,218	155,411	17,930	35,503	97,263	373,106	438,616	817,387	73,919	76	65
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,589	200,605	23,768	48,032	121,860	511,372	471,347	967,029	89,322	60	70
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	34,314	195,161	23,777	47,829	120,293	478,638	444,802	910,384	40,572	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	33,405	178,496	23,502	47,333	110,356	446,950	415,506	852,855	37,537	(NA)	(NA)
	1954.....	83	107	76	32,748	165,511	22,297	44,142	99,416	362,873	375,983	742,691	72,067	64	66
	1947.....	(NA)	93	(NA)	33,603	115,076	25,539	(NA)	80,473	259,771	218,781	478,552	(NA)	(NA)	(NA)
	1939.....	(NA)	73	(NA)	(NA)	(NA)	9,741	(NA)	15,976	79,301	60,156	139,457	(NA)	(NA)	(NA)
2816 (old SIC 2852)	Inorganic pigments:														
	1958.....	64	99	57	11,368	61,867	7,958	15,980	40,949	235,658	172,162	417,673	25,653	92	89
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	13,332	69,763	9,955	20,050	47,279	243,681	200,219	424,567	36,126	87	89
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	13,187	65,499	9,865	19,908	45,006	262,099	203,142	453,903	27,162	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,693	60,448	9,458	19,191	41,911	232,578	191,264	424,410	25,719	(NA)	(NA)
	1954.....	73	104	55	12,182	54,755	9,042	18,220	37,193	194,522	188,820	388,550	8,358	88	88
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,244	54,168	9,380	(NA)	38,319	158,821	174,153	332,974	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	13,559	59,690	10,136	(NA)	38,426	140,641	209,083	349,724	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,758	63,000	11,108	(NA)	41,690	178,612	238,573	417,185	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	14,214	54,704	10,869	(NA)	37,223	164,413	199,996	364,409	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	12,284	43,876	9,318	(NA)	29,480	109,199	160,751	269,950	(NA)	(NA)	(NA)
	1947.....	(NA)	95	63	14,266	43,466	11,086	22,197	31,303	104,978	182,068	287,046	19,329	(NA)	(NA)
	1939.....	(NA)	59	(NA)	(NA)	(NA)	5,497	(NA)	7,606	38,373	41,014	79,387	(NA)	(NA)	(NA)
	1937.....	(NA)	87	(NA)	8,315	12,396	6,529	(NA)	8,437	36,892	47,703	84,595	(NA)	(NA)	(NA)
	1935.....	(NA)	89	(NA)	7,707	10,621	5,996	(NA)	6,863	31,055	36,156	67,211	(NA)	(NA)	(NA)

See footnotes at end of table.



Table 1—General Statistics for the United States: 1958 and Earlier Years—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2818 (old SIC 2829)	Organic chemicals, nec:														
	1958.....	90	334	185	77,442	508,433	51,966	103,917	312,380	1,671,723	1,424,138	3,097,963	310,811	73	79
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	75,545	478,840	49,283	98,710	280,166	1,625,168	1,430,142	3,026,918	277,603	74	81
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	75,122	453,459	50,540	101,989	273,175	1,573,075	1,422,358	3,003,906	(S)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	70,345	397,361	48,296	97,805	247,879	1,481,205	1,285,299	2,745,887	(S)	(NA)	(NA)
	1954.....	202	275	168	67,531	364,852	46,428	93,101	227,428	1,177,357	1,067,547	2,244,821	154,550	77	80
	1947.....	(NA)	167	(NA)	61,940	178,086	36,350	(NA)	115,315	456,319	516,725	973,044	(NA)	(NA)	(NA)
	1939.....	(NA)	119	(NA)	(NA)	(NA)	12,839	(NA)	21,897	133,526	103,604	237,130	(NA)	(NA)	(NA)
2819 (old SIC 2819 and 2811)	Inorganic chemicals, nec, total: <sup>9</sup>														
	1958.....	330	580	301	89,874	550,279	58,395	118,720	327,168	1,468,854	1,288,667	2,754,427	<sup>10</sup> 129,375	87	80
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	*89,039	*518,081	*60,332	*121,797	*310,529	*1,435,124	*1,338,960	*2,758,834	<sup>10</sup> 134,913	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	*91,766	*509,670	*63,315	*128,046	*311,398	*1,478,443	*1,308,056	*2,765,715	(NA)	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	*94,099	*491,648	*63,402	*128,370	*293,935	*1,338,034	*1,101,218	*2,423,240	(NA)	(NA)	(NA)
	1954.....	(NA)	*488	*279	*95,318	*467,288	*59,818	*122,016	*266,972	*1,088,104	*898,042	*1,977,889	<sup>10</sup> 184,544	(NA)	(NA)
	1947.....	(NA)	376	(NA)	42,595	130,962	33,253	(NA)	95,518	131,316	311,710	623,026	(NA)	87	80
	1939.....	(NA)	307	(NA)	(NA)	(NA)	23,079	(NA)	35,159	165,514	136,656	302,170	(NA)	(NA)	(NA)
2819 Pt. 02	Privately-owned and privately operated establishments: <sup>9</sup>														
	1958.....	327	569	291	53,982	311,331	38,494	78,786	205,907	930,474	1,052,006	1,979,386	<sup>10</sup> 129,375	87	80
	1954.....	...	488	279	54,812	250,393	40,037	81,750	169,926	729,311	745,515	1,466,567	<sup>10</sup> 184,544	...	...

NA Not available. \*Revised. <sup>11</sup>Revised.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry code	Value added (\$1,000)	Industry code	Value added (\$1,000)
2812	251,033	2816	196,901
2813	111,254	2818	1,171,165
2814	22,179	2819	*1,071,238
2815	362,305		

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry code	Cost of materials, etc. (\$1,000)		Industry code	Cost of materials, etc. (\$1,000)	
	1958	1954		1958	1954
2812	186,353	148,875	2816	158,250	174,493
2813	75,085	56,422	2818	1,361,875	1,027,522
2814	84,245	54,974	2819	1,220,961	*863,242
2815	404,147	353,296			

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry code	Value of shipments (\$1,000)		Industry code	Value of shipments (\$1,000)	
	1958	1954		1958	1954
2812	488,104	399,908	2816	399,110	371,395
2813	231,991	167,674	2818	3,029,545	2,198,687
2814	114,540	77,154	2819	2,671,566	*1,934,187
2815	779,049	715,602			

Footnotes continued on next page.



## MANUFACTURES-INDUSTRY STATISTICS

Footnotes for Table 1-28A

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2811, Sulfuric Acid and 2819, Inorganic Chemicals, NEC. The data for 1957 and earlier years for these two industries have been combined. For explanation of inclusion of data for cost of materials, value added, and value of shipments for Government-owned, privately operated establishments, refer to footnotes 5 and 6, table 3. Similar estimates were included for the years 1954-1957.

<sup>10</sup>Capital expenditures of Government-owned, privately operated establishments are excluded from the total for the industry.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2819—Inorganic chemicals, nec.....	580	301	89,874	1,468,854	xxx	xxx	xxx	xxx
Old Industry 2819—Inorganic chemicals, nec.....	509	251	84,909	1,369,179	509	251	84,909	1,369,179
Old Industry 2811—Sulfuric acid.....	50	38	3,455	72,649	50	38	3,455	72,649
All other industries <sup>1</sup> .....	21	12	1,510	27,026	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC. Includes 19 establishments formerly in Industry 2899, Chemical Products, NEC, which were reclassified into Industry 2819 because of the change in definition of Industry 2819 to include establishments primarily engaged in the manufacture of chemical catalytic preparations.

<sup>2</sup>Revised.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2812	Alkalies and chlorine, total.....	34	32	20,476	115,024	13,905	28,440	75,079	306,187	504,309	27,871	20,440	251,033	19,853
	Northeast and North Central....	11	11	11,035	61,230	7,431	15,291	40,158	122,057	224,257	8,748	11,888	115,860	12,849
	South Atlantic....	5	5	3,487	18,887	2,626	5,312	12,930	52,875	80,870	6,055	(D)	(D)	(D)
	East South Central	3	3	462	2,341	320	655	1,566	13,727	21,496	( <sup>2</sup> )	(D)	(D)	(D)
	Alabama.....	3	3	462	2,341	320	655	1,566	13,727	21,496	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	West South Central	9	7	3,674	21,117	2,481	5,035	14,148	76,418	109,092	6,914	(D)	(D)	(D)
	West.....	6	6	1,818	11,449	1,047	2,147	6,277	41,110	68,594	5,906	1,675	28,023	1,023
	Washington.....	3	3	535	3,325	330	698	1,962	14,250	23,017	3,494	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2813	Industrial gases, total.....	491	177	10,642	56,661	5,813	12,668	30,576	174,249	277,441	41,761	10,363	111,254	8,983
	New England.....	17	7	384	2,046	189	412	993	3,753	5,833	3,051	308	2,773	286
	Massachusetts...	9	6	294	1,582	147	322	793	2,813	4,386	2,955	259	2,230	236
	Middle Atlantic...	93	38	2,310	12,350	1,270	2,702	6,671	44,417	62,590	3,438	2,539	31,391	2,123
	New York.....	24	7	408	2,084	204	412	1,018	5,819	7,828	( <sup>2</sup> )	470	5,364	386
	New Jersey.....	20	12	770	4,108	406	892	2,195	13,724	20,096	1,059	916	9,554	580
	Pennsylvania....	49	19	1,132	6,158	660	1,398	3,458	24,874	34,666	2,137	1,152	16,472	1,157
	East North Central	112	39	2,295	13,016	1,166	2,542	6,559	44,086	68,823	12,037	2,139	29,056	2,120
	Ohio.....	43	18	852	4,530	396	842	2,049	14,489	22,658	6,045	748	8,990	839
	Indiana.....	13	5	393	2,257	232	488	1,355	7,691	12,103	(D)	445	4,974	424
	Illinois.....	21	9	582	3,477	287	667	1,673	14,842	18,863	3,112	520	10,144	356
	Michigan.....	25	5	374	2,223	183	401	1,105	5,857	12,506	( <sup>2</sup> )	337	3,719	430
	West North Central	39	13	609	3,217	319	680	1,624	8,778	13,870	2,379	689	6,768	648
	Missouri.....	9	5	194	1,017	126	266	650	2,908	4,016	( <sup>2</sup> )	270	2,708	301
	Kansas.....	8	3	113	615	49	115	261	1,547	2,538	( <sup>2</sup> )	176	1,796	74
	South Atlantic....	49	19	1,202	5,711	652	1,468	3,114	14,682	27,172	2,435	912	8,042	810
	Maryland.....	11	7	368	1,509	210	437	885	4,481	7,873	(D)	330	1,815	301
	North Carolina..	4	2	139	605	50	120	219	1,122	2,439	( <sup>2</sup> )	136	1,228	(D)
	Georgia.....	9	3	169	891	67	156	325	2,098	3,225	(D)	170	1,259	127
	Florida.....	10	4	343	1,810	225	540	1,174	3,140	5,286	( <sup>2</sup> )	116	1,334	89

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Industrial gases—Continued													
	East South Central	32	10	899	4,674	590	1,294	3,168	15,327	34,465	720	867	5,694	482
	Alabama.....	9	4	160	818	113	256	547	1,873	2,719	(2)	(3)	(3)	(3)
	West South Central	64	22	1,090	5,513	529	1,202	2,596	13,661	19,968	1,353	1,147	10,137	91
	Louisiana.....	13	7	258	1,187	133	269	578	2,673	3,989	(2)	267	2,285	228
	Texas.....	42	11	680	3,573	348	812	1,768	9,352	13,556	958	719	6,572	533
	Mountain.....	32	6	424	2,178	220	465	1,096	4,502	7,356	708	427	3,208	277
	Pacific.....	53	23	1,429	7,956	878	1,903	4,755	25,043	37,364	15,640	1,334	14,179	1,322
	Washington.....	12	4	209	1,048	109	237	546	2,646	4,428	(2)	217	2,157	176
	Oregon.....	7	2	158	906	79	164	316	1,958	2,881	(2)	155	1,097	150
	California.....	34	17	1,062	6,002	690	1,502	3,893	20,439	30,055	14,808	961	10,924	996
2814	Cyclic (coal tar) crudes, total.....	45	23	2,084	12,008	1,677	3,482	9,025	29,993	116,972	4,036	1,925	22,179	1,972
	Northeast and North Central....	31	14	1,306	7,387	1,072	2,218	5,697	17,663	70,116	3,499	1,275	13,374	1,439
	Ohio.....	7	6	435	2,598	368	767	2,056	7,033	23,936	(D)			
	South and West....	14	9	778	4,621	605	1,264	3,328	12,330	46,856	537	649	8,805	533
2815	Intermediate coal tar products, total.....	115	87	26,218	115,411	17,930	35,503	97,263	373,106	817,387	73,919	32,748	362,305	33,603
	New England.....	6	4	583	2,847	418	836	1,752	7,341	15,765	1,368	1,504	14,001	22,059
	Middle Atlantic...	68	44	14,841	91,243	9,699	19,390	54,014	192,732	417,077	44,114	15,096	153,800	
	New York.....	15	7	2,682	15,291	1,783	3,530	9,457	36,673	72,245	1,676	3,171	29,702	(3)
	New Jersey.....	37	24	8,720	56,113	5,131	10,223	29,268	118,422	240,331	35,845	9,141	92,307	(3)
	Pennsylvania....	16	13	3,439	19,839	2,785	5,637	15,289	37,637	104,501	6,593	2,783	31,790	(3)
	East North Central	16	16	4,990	26,763	3,716	6,890	18,464	67,182	160,580	8,395	12,019	139,043	9,714
	Ohio.....	8	8	1,788	9,710	1,422	2,748	7,049	23,735	55,373	1,321	1,779	20,154	(3)
	South.....	21	19	5,549	32,840	3,918	7,995	21,881	98,036	204,860	19,180	3,688	52,157	(3)
	West Virginia	5	5	1,720	8,644	1,206	2,466	6,124	30,608	56,435	(D)	1,264	17,364	(3)
	West.....	4	4	255	1,718	179	392	1,152	7,815	19,305	862	440	3,302	(3)
2816	Inorganic pigments, total.....	99	57	11,368	61,867	7,958	15,980	40,949	235,658	417,673	25,653	12,182	196,901	14,266
	Northeast.....	54	30	5,235	27,820	3,737	7,432	18,511	108,273	181,784	(D)	5,860	95,019	(D)
	New York.....	11	8	1,361	7,138	963	1,965	4,522	15,902	36,667	526	1,278	14,244	960
	Pennsylvania....	15	10	1,625	7,978	1,093	2,202	4,881	20,351	49,317	1,691	2,069	16,461	2,837
	East North Central	16	9	1,109	5,542	793	1,539	3,622	11,363	32,384	(2)	1,632	15,536	2,554
	Illinois.....	8	6	799	3,915	575	1,111	2,631	8,515	19,380	(2)	995	6,984	1,397
	West North Central	5	5	2,083	11,814	1,448	3,039	8,490	46,426	76,168	(D)	2,099	35,510	(D)
	South and West....	24	13	2,941	16,691	1,980	3,970	10,326	69,596	127,337	13,714	2,590	50,834	3,357
2818	Organic chemicals, nec, total.....	334	185	77,442	508,433	51,966	103,917	312,380	1,671,723	3,097,963	310,811	67,531	1,171,165	51,940
	New England.....	32	12	3,045	19,586	1,931	3,996	11,166	35,659	113,679	2,544	2,221	30,501	(D)
	Massachusetts...	15	7	1,112	6,712	774	1,608	4,481	14,703	43,561	1,315	372	6,476	(3)
	Middle Atlantic...	113	63	18,305	123,606	11,539	22,726	68,326	276,778	578,649	32,358	20,011	263,467	(D)
	New York.....	42	23	4,074	26,427	2,426	4,794	13,543	65,549	118,348	8,315	5,241	58,956	(3)
	New Jersey.....	58	31	12,715	89,828	8,041	15,868	50,124	199,178	422,879	23,011	12,633	185,581	(3)
	Pennsylvania....	13	9	1,516	7,351	1,072	2,064	4,659	12,051	37,422	1,032	2,137	18,930	(3)
	North Central.....	64	35	11,732	72,553	8,792	17,357	49,739	215,671	450,244	24,549	7,964	102,839	5,902
	Ohio.....	20	11	1,158	6,612	842	1,694	4,606	24,552	63,121	1,683	1,081	17,565	(3)
	Illinois.....	16	6	897	5,562	444	934	2,645	21,982	50,356	3,177	1,342	12,850	(3)
	Michigan.....	10	7	5,942	38,399	4,616	8,989	26,428	79,015	175,629	13,803	2,191	25,729	(3)
	Wisconsin.....	4	2	116	697	53	115	238	1,771	3,753	(2)			
	South Atlantic....	31	15	14,327	94,556	9,832	20,243	60,151	275,463	549,425	55,363	14,188	215,708	(D)
	Virginia.....	6	5	801	4,421	588	1,094	2,817	22,002	39,997	(D)	724	9,405	(3)
	West Virginia...	10	8	12,932	87,008	8,892	18,421	55,768	248,053	490,784	43,636	12,590	196,218	(3)
	East South Central	23	18	4,516	26,192	3,249	6,418	17,538	92,126	194,001	13,615	3,424	50,512	(D)
	Tennessee.....	8	7	3,000	17,458	2,164	4,163	11,826	54,765	106,252	5,207	2,734	40,453	(3)
	Alabama.....	5	3	343	1,649	261	525	1,145	8,612	16,982	(D)			
	West South Central	38	27	23,489	159,541	15,241	30,374	97,959	721,775	1,097,105	161,617	18,132	470,489	(D)
	Texas.....	22	15	16,800	114,809	10,706	21,278	69,155	578,143	858,526	120,688	13,327	368,711	(3)
	West.....	33	15	2,028	12,399	1,382	2,803	7,501	54,251	114,860	20,765	1,588	37,647	(D)
	California.....	26	11	1,709	10,594	1,114	2,225	6,170	46,752	99,382	20,358	1,333	32,667	(3)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unaadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2819	Inorganic chemicals, nec, total.....	580	301	89,874	550,279	58,395	118,720	327,168	1,468,854	2,754,427	129,375	*95,318	1,071,238	42,595
	New England.....	27	7	827	3,870	646	1,350	2,762	8,813	20,359	787	10,306	122,871	11,380
	Massachusetts...	16	6	547	2,639	426	877	1,910	5,751	11,938	193			
	Middle Atlantic...	120	57	9,785	58,957	6,537	13,028	35,101	140,237	335,319	13,455	18,283	222,332	12,382
	New Jersey.....	45	31	3,553	21,395	2,373	4,957	12,754	59,256	145,950	3,101			
	East North Central	119	60	17,252	104,133	11,710	23,754	66,936	275,134	574,065	36,737	50,621	530,621	14,052
	Ohio.....	41	23	9,286	56,749	5,946	12,085	34,812	145,115	272,949	3,736			
	Illinois.....	31	19	3,836	22,840	2,726	5,550	14,798	58,255	135,095	18,473	16,184	175,773	5,532
	Michigan.....	27	12	3,287	19,282	2,437	4,968	13,933	46,921	110,861	5,619			
	West North Central	29	18	4,864	29,299	3,072	6,278	16,279	67,604	121,488	7,594	*16,105	*195,411	4,780
	Minnesota.....	7	4	382	2,861	269	609	1,542	7,563	13,803	717			
	South Atlantic....	83	38	15,945	94,160	9,481	19,242	48,490	234,974	354,072	10,734	NA	NA	NA
	Maryland.....	12	6	1,658	7,520	1,148	2,425	5,071	21,084	42,847	1,288			
	North Carolina..	12	3	501	2,426	316	641	1,334	6,429	16,125	1,214	NA	NA	NA
	Georgia.....	16	7	634	3,257	442	942	1,930	10,636	21,641	752			
	Florida.....	16	5	383	1,865	295	643	1,391	12,236	22,757	632	NA	NA	NA
	East South Central	28	25	16,352	100,823	10,413	21,617	57,509	301,078	562,057	23,057			
	Tennessee.....	13	13	12,279	77,013	7,633	15,982	42,882	205,821	341,932	13,530	NA	NA	NA
	Mississippi.....	4	3	607	3,122	412	850	1,832	14,627	22,939	3,035			
	West South Central	71	43	8,985	53,948	6,782	14,153	38,761	164,851	388,013	27,357	NA	NA	NA
	Louisiana.....	22	11	2,833	17,394	2,119	4,457	12,463	44,095	126,139	7,405			
	Texas.....	38	25	3,593	20,721	2,716	5,746	14,850	77,470	175,773	16,184	NA	NA	NA
	West.....	103	53	15,864	105,089	9,754	19,298	61,330	276,163	399,054	9,654			
	Colorado.....	7	3	122	564	100	199	432	1,686	3,760	287	NA	NA	NA
	California.....	57	33	3,696	22,009	2,715	5,523	15,133	80,099	152,492	5,532			

Note: Detailed figures may not add to the totals because of independent rounding.

\*Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2812, Alkalies and Chlorine: Northeast and North Central—New Hampshire, 1 (20-99); Rhode Island, 1 (20-99); New York, 2 (1,000-2,499); Ohio, 3 (2,500-4,999); Michigan, 3 (2,500-4,999); Kansas, 1 (250-499); South Atlantic—Maryland, 1 (20-99); Virginia, 1 (1,000-2,499); West Virginia, 2 (1,000-2,499); Georgia, 1 (100-250); East South Central—Alabama, 3 (250-499); West South Central—Arkansas, 1 (1-19); Louisiana, 4 (1,000-2,499); Texas, 4 (1,584); West—Nevada, 1 (100-249); Oregon, 1 (100-249); California, 1 (500-999).

SIC 2813, Industrial Gases: New England—Maine, 2 (1-19); Rhode Island, 1 (1-19); Connecticut, 5 (20-99); East North Central—Wisconsin, 10 (20-99); West North Central—Minnesota, 9 (100-249); Iowa, 7 (20-99); South Dakota, 4 (20-99); Nebraska, 2 (20-99); South Atlantic—Delaware, 1 (1-19); Virginia, 6 (20-99); West Virginia, 7 (20-99); South Carolina, 1 (1-19); East South Central—Kentucky, 5 (250-499); Tennessee, 16 (250-499); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (20-99); Oklahoma, 7 (100-249); Mountain—Montana, 3 (20-99); Idaho, 1 (1-19); Wyoming, 2 (1-19); Colorado, 13 (100-249); New Mexico, 4 (20-99); Arizona, 2 (20-99); Utah, 6 (20-99); Nevada, 1 (20-99).

SIC 2814, Cyclic (Coal Tar) Crudes: Northeast and North Central—Maine, 2 (1-19); Massachusetts, 2 (20-99); Connecticut, 1 (1-19); New York, 3 (20-99); New Jersey, 2 (250-499); Pennsylvania, 3 (20-99); Indiana, 3 (1-19); Illinois, 3 (100-249); Michigan, 1 (20-99); Wisconsin, 2 (20-99); Minnesota, 2 (20-99); South and West—Maryland, 1 (1-19); West Virginia, 2 (250-499); Tennessee, 2 (20-99); Alabama, 2 (250-499); Louisiana, 1 (20-99); Texas, 2 (20-99); Utah, 1 (20-99); Washington, 1 (20-99); California, 2 (20-99).

SIC 2815, Intermediate Coal Tar Products: New England—Massachusetts, 4 (250-499); Rhode Island, 2 (250-499); East North Central—Indiana, 1 (100-249); Illinois, 4 (2,785); Michigan, 3 (250-499); South—Delaware, 1 (500-999); Maryland, 1 (20-99); Virginia, 2 (20-99); North Carolina, 2 (250-499); South Carolina, 1 (20-99); Georgia, 1 (20-99); Alabama, 3 (500-999); Texas, 5 (1,909); West—Nevada, 1 (20-99); California, 3 (100-249).

SIC 2816, Inorganic Pigments: Northeast—Maine, 2 (20-99); Vermont, 1 (20-99); Rhode Island, 1 (1-19); New Jersey, 24 (1,000-2,499); East North Central—Ohio, 6 (250-499); Indiana, 1 (20-99); Wisconsin, 1 (1-19); West North Central—Missouri, 4 (1,000-2,499); Kansas, 1 (100-249); South and West—Delaware, 1 (500-999); Maryland, 4 (500-999); Virginia, 1 (250-499); West Virginia, 1 (20-99); Georgia, 2 (250-499); Kentucky, 1 (100-249); Texas, 2 (20-99); Montana, 1 (20-99); California, 11 (100-249).

SIC 2818, Organic Chemicals, NEC: New England—Rhode Island, 5 (20-99); Connecticut, 12 (1,865); North Central—Indiana, 2 (500-999); Missouri, 8 (2,368); Nebraska, 3 (500-999); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 2 (250-499); North Carolina, 4 (20-99); South Carolina, 6 (100-249); Georgia, 2 (1-19); East South Central—Kentucky, 8 (1,000-2,499); Mississippi, 2 (20-99); West South Central—Arkansas, 1 (1-19); Louisiana, 12 (6,421); Oklahoma, 3 (250-499); West—Colorado, 1 (100-249); Washington, 6 (100-249).

SIC 2819, Inorganic Chemicals, NEC: New England—Maine, 2 (100-249); New Hampshire, 1 (1-19); Rhode Island, 3 (20-99); Connecticut, 5 (20-99); Middle Atlantic—New York, 48 (4,883); Pennsylvania, 27 (1,349); East North Central—Indiana, 13 (500-999); Wisconsin, 7 (20-99); West North Central—Iowa, 5 (250-499); Missouri, 9 (2,500-4,999); Kansas, 8 (1,514); South Atlantic—Delaware, 2 (500-999); District of Columbia, 2 (1-19); Virginia, 12 (2,499); West Virginia, 7 (500-999); South Carolina, 4 (5,000 and over); East South Central—Kentucky, 6 (2,500-4,999); Alabama, 5 (500-999); West South Central—Arkansas, 6 (2,384); Oklahoma, 5 (100-249); West—Montana, 4 (250-499); Idaho, 4 (1,000-2,499); Wyoming, 3 (1-19); New Mexico, 1 (20-99); Arizona, 4 (20-99); Utah, 4 (250-499); Nevada, 3 (250-499); Washington, 13 (5,000 &amp; over); Oregon, 3 (20-99).

<sup>2</sup>Less than \$500 thousand.<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.



Table 3.—Detailed Statistics for the United States: 1958

Item	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic (coal tar) crudes (SIC 2814)	Intermediate coal tar products (SIC 2815)	Inorganic pigments (SIC 2816)	Organic chemicals, nec (SIC 2818)	Inorganic chemicals (SIC 2819)	
							Total all establishments	Privately-owned, privately-operated establishments
Primary product specialization ratio <sup>1</sup> .....	73	99	76	76	92	73	287	87
Coverage ratio <sup>2</sup> .....	84	85	83	65	89	79	280	80
Number of establishments, total.....	34	491	45	115	99	334	580	569
With 1-19 employees.....	2	314	22	28	42	149	279	278
With 20-99 employees.....	6	162	19	47	33	99	167	166
With 100 employees or more.....	26	15	4	40	24	86	134	125
Proprietors and working partners....Number..	...	24	...	...	16	31	91	91
All employees:								
Number (average for the year).....	20,476	10,642	2,084	26,218	11,368	77,442	89,874	53,982
Payroll.....\$1,000..	115,024	56,661	12,008	155,411	61,867	508,433	550,279	311,331
Production workers:								
Number (average for the year).....	13,905	5,813	1,677	17,930	7,958	51,966	58,395	38,494
March.....	14,673	5,696	1,673	18,011	7,976	53,382	60,367	39,838
May.....	13,990	5,786	1,663	17,509	7,325	52,275	58,996	38,660
August.....	13,552	5,826	1,679	17,905	8,232	51,308	57,419	37,760
November.....	13,406	5,791	1,674	18,295	8,300	50,977	56,810	37,717
Man-hours.....1,000..	28,440	12,668	3,482	35,503	15,980	103,917	118,720	78,786
January-March.....do..	7,512	3,179	857	9,221	3,997	27,175	30,788	20,383
April-June.....do..	7,085	3,109	854	8,347	3,770	25,577	29,577	19,410
July-September.....do..	6,874	3,176	868	8,468	3,912	24,967	28,737	19,116
October-December.....do..	6,969	3,160	900	9,460	4,333	26,138	29,493	19,752
Wages.....\$1,000..	75,079	30,576	9,025	97,263	40,949	312,380	327,168	205,907
Cost of materials, etc., total.....do..	198,257	103,466	86,200	438,616	172,162	1,424,138	1,288,667	1,052,006
Materials, parts, containers, and supplies consumed.....do..	122,715	57,965	80,081	375,594	141,422	1,238,614	855,603	855,603
Cost of resales.....do..	11,904	28,381	1,955	34,469	13,912	62,263	67,706	67,706
Fuels consumed.....do..	36,980	2,647	2,930	17,795	11,664	80,515	484,293	66,406
Electricity purchased.....do..	25,392	14,089	632	9,296	3,830	31,383	276,819	58,045
Contract work.....do..	1,266	179	602	1,508	1,338	10,659	4,176	4,176
Value of shipments (including resales), total.....do..	504,309	277,441	116,972	817,387	417,673	3,097,963	2,754,427	1,979,386
Value of resales.....do..	16,205	45,450	2,432	38,338	18,563	68,418	82,861	82,861
Value added by manufacture, adjusted....do..	306,187	174,249	29,993	373,106	235,658	1,671,723	1,468,854	930,474
Manufacturers' inventories:								
Beginning of year, total.....do..	60,712	13,334	17,240	161,450	94,800	419,336	286,254	286,254
Finished products.....do..	18,783	9,192	9,281	73,530	42,982	201,764	100,287	100,287
Work-in-process.....do..	4,747	33	2,397	39,187	6,712	79,228	45,503	45,503
Materials, supplies, fuel, etc.....do..	37,182	4,109	5,562	48,733	45,106	138,344	140,464	140,464
End of year, total.....do..	60,822	13,473	16,587	152,833	82,140	404,005	280,886	280,886
Finished products.....do..	19,133	9,451	8,356	69,310	32,339	203,284	107,209	107,209
Work-in-process.....do..	4,532	48	2,543	37,742	7,502	75,606	41,675	41,675
Materials, supplies, fuel, etc.....do..	37,157	3,974	5,688	45,781	42,299	125,115	132,002	132,002
Expenditures for plant and equipment, total.....do..	31,240	42,137	4,044	74,256	25,762	311,744	130,436	130,436
New, total.....do..	27,871	41,761	4,036	73,919	25,653	310,811	129,375	129,375
New structures and additions to plant.....do..	2,616	6,764	1,253	21,239	8,495	71,208	31,335	31,335
New machinery and equipment.....do..	25,255	34,997	2,783	52,680	17,158	239,603	98,040	98,040
Used plant and equipment.....do..	3,369	376	8	1,337	109	933	1,061	1,061

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>2</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>Government-owned, privately operated plants did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts" as receipts for contract work.

<sup>3</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>4</sup>Excludes government owned materials furnished to government-owned, privately operated establishments and includes fuels and electricity purchased by or for these establishments)

<sup>5</sup>Includes a calculated value of shipments of \$775,041 thousand for government-owned, privately operated establishments comprised of adjusted value added (estimated as described in footnote 6) plus the cost of fuels and electric energy.

<sup>6</sup>Includes value added in the amount of \$538,380 thousand for government-owned, privately operated establishments which was estimated based upon averages reported for commercial establishments in prior years.

<sup>7</sup>Capital expenditures and inventories of government-owned, privately operated establishments are excluded from the totals for the industry.

and  
part

35892  
238948

19901

39934

121261

236661

775,041

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2812	Alkalies and chlorine:											
	Number of establishments.....	34	1	...	1	1	5	10	3	8	4	1
	All employees:											
	Number.....	20,476	441	...	(D)	(D)	(D)	1,740	1,072	6,647	10,576	(D)
	Payroll.....\$1,000..	115,024	2,383	...	(D)	(D)	(D)	10,085	6,420	39,862	56,274	(D)
	Value added, adjusted..do....	306,187	7,085	...	(D)	(D)	(D)	39,610	35,442	107,689	116,361	(D)
	Value of shipments.....do....	504,309	15,701	...	(D)	(D)	(D)	71,477	49,009	167,434	200,688	(D)
	Capital expend., new...do....	27,871	6,118	...	...	...	(D)	(D)	4,699	11,479	5,575	(D)
2813	Industrial gases:											
	Number of establishments.....	491	112	83	119	131	31	14	1	...	...	...
	All employees:											
	Number.....	10,642	235	594	1,694	3,864	1,968	2,287	(D)	...	...	...
	Payroll.....\$1,000..	56,661	1,147	3,126	8,909	20,526	10,442	12,511	(D)	...	...	...
	Value added, adjusted..do....	174,249	12,207	10,920	22,259	64,194	25,999	29,470	(D)	...	...	...
	Value of shipments.....do....	277,441	20,859	18,065	39,149	93,230	36,553	69,585	(D)	...	...	...
	Capital expend., new...do....	41,761	4,876	2,819	4,046	16,153	5,138	8,729	(D)	...	...	...
2814	Cyclic (coal tar) crudes:											
	Number of establishments.....	45	4	9	9	12	7	2	2	...	...	...
	All employees:											
	Number.....	2,084	215	(D)	(D)	1,869	(D)	(D)	(D)	...	...	...
	Payroll.....\$1,000..	12,008	1,140	(D)	(D)	10,868	(D)	(D)	(D)	...	...	...
	Value added, adjusted..do....	29,993	3,369	(D)	(D)	26,624	(D)	(D)	(D)	...	...	...
	Value of shipments.....do....	116,972	15,448	(D)	(D)	101,524	(D)	(D)	(D)	...	...	...
	Capital expend., new...do....	4,036	224	(D)	(D)	3,812	(D)	(D)	(D)	...	...	...
2815	Intermediate coal tar products:											
	Number of establishments.....	115	9	6	13	24	23	17	8	8	6	1
	All employees:											
	Number.....	26,218	18	45	170	816	1,599	3,051	2,516	5,762	12,241	(D)
	Payroll.....\$1,000..	155,411	91	350	1,116	4,441	9,049	16,824	13,993	33,046	76,501	(D)
	Value added, adjusted..do....	373,106	833	857	1,660	10,018	23,893	48,579	36,183	69,113	181,970	(D)
	Value of shipments.....do....	817,387	4,673	1,673	6,604	25,088	57,247	111,255	77,697	156,206	376,944	(D)
	Capital expend., new...do....	73,919	35	26	403	7,003	1,449	3,933	23,145	7,169	30,756	(D)
2816	Inorganic pigments:											
	Number of establishments.....	99	13	16	13	20	13	13	7	2	2	...
	All employees:											
	Number.....	11,368	23	111	173	670	954	2,162	7,275	(D)	(D)	...
	Payroll.....\$1,000..	61,867	98	555	920	3,376	4,621	10,579	41,718	(D)	(D)	...
	Value added, adjusted..do....	235,658	234	2,195	2,951	7,754	10,246	28,021	184,257	(D)	(D)	...
	Value of shipments.....do....	417,673	854	5,374	9,644	25,057	28,125	78,278	270,341	(D)	(D)	...
	Capital expend., new...do....	25,653	13	50	56	335	367	2,981	21,851	(D)	(D)	...
2818	Organic chemicals, nec:											
	Number of establishments.....	334	67	43	39	62	37	27	28	15	9	7
	All employees:											
	Number.....	77,442	157	281	527	2,064	2,730	4,245	9,343	10,696	16,611	30,788
	Payroll.....\$1,000..	508,433	860	1,588	3,014	11,778	15,492	25,173	54,726	69,037	107,190	219,575
	Value added, adjusted..do....	1,671,723	1,876	3,973	7,974	38,188	51,680	102,515	170,587	263,811	339,731	691,388
	Value of shipments.....do....	3,097,963	5,419	9,332	21,207	99,082	132,119	212,706	344,364	462,614	657,247	1,153,873
	Capital expend., new...do....	310,811	288	453	1,108	6,146	23,895	17,707	44,695	92,247	43,622	80,650
2819	Inorganic chemicals, nec, total (all establishments—private and Government):											
	Number of establishments.....	580	127	70	82	106	61	64	37	18	8	7
	All employees:											
	Number.....	89,874	243	492	1,146	3,378	4,297	10,098	12,861	12,506	10,884	33,969
	Payroll.....\$1,000..	550,279	1,020	2,619	6,053	17,590	24,696	55,742	75,412	73,918	67,702	225,527
	Value added, adjusted..do....	1,468,854	5,992	8,600	26,126	71,093	95,667	172,948	240,171	213,946	144,112	490,199
	Value of shipments <sup>1</sup> ...do....	2,754,427	16,427	20,774	51,209	161,368	190,615	397,506	460,633	466,411	304,072	685,412
	Capital expend., new <sup>2</sup> ...do....	129,375	622	2,720	10,686	13,750	5,732	19,863	25,206	37,208	13,588	(D)
2819 Pt. 02	Privately-owned, privately operated establishments:											
	Number of establishments.....	569	127	70	81	106	60	64	37	18	5	1
	All employees:											
	Number.....	53,982	243	492	1,133	3,378	4,245	10,098	12,861	12,506	9,026	(D)
	Payroll.....\$1,000..	311,331	1,020	2,619	5,955	17,590	24,351	55,742	75,412	73,918	54,724	(D)
	Value added, adjusted..do....	930,474	5,992	8,600	25,931	71,093	94,854	172,948	240,171	213,946	96,939	(D)
	Value of shipments.....do....	1,979,386	16,427	20,774	51,013	161,368	189,765	397,506	460,633	466,411	215,489	(D)
	Capital expend., new...do....	129,375	622	2,720	10,686	13,750	5,732	19,863	25,206	37,208	13,588	(D)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>For explanation of inclusion of data for Government-owned, privately operated establishments, refer to footnotes 5 and 6, table 3.

<sup>2</sup>Capital expenditures of Government-owned, privately operated establishments are excluded from the total for the industry.



Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2812	Alkalies and chlorine.....1958..	504,309	356,512	130,162	17,635	73	425,431	356,512	68,919	84
	1954..	413,558	304,485	94,231	14,842	76	362,712	304,485	58,227	84
2813	Industrial gases.....1958..	277,441	222,972	2,130	52,339	99	262,581	222,972	39,609	85
	1954..	200,769	164,773	2,106	33,890	99	195,390	164,773	30,617	84
2814	Cyclic (coal tar) crudes.....1958..	116,972	87,074	27,342	2,556	76	105,316	87,074	18,242	83
	1954..	79,130	63,213	13,730	2,187	82	87,426	63,213	24,213	72
2815	Intermediate coal tar products.....1958..	817,387	513,422	260,587	43,378	76	788,495	513,422	275,073	65
	1954..	742,691	455,294	258,211	29,186	64	691,312	455,294	236,018	66
2816	Inorganic pigments.....1958..	417,673	365,156	30,639	21,878	92	412,011	365,156	46,855	89
	1954..	388,550	325,090	44,663	18,797	88	370,222	325,090	45,132	88
2818	Organic chemicals, nec.....1958..	3,097,965	2,212,820	809,414	75,729	73	2,787,327	2,212,820	574,507	79
	1954..	2,244,821	1,675,459	514,214	55,148	77	2,082,231	1,675,459	406,772	80
2819	Inorganic chemicals, nec.....1958..	2,754,427	1,635,439	243,485	875,503	<sup>3</sup> 87	2,031,961	1,635,439	396,522	<sup>3</sup> 80

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Alkalies and chlorine industry	Alkalies and chlorine (SIC 2812)	Other industries	All industries	
	Total shipments and receipts of the industry.....	504,309	xxx	xxx	
	Primary products.....	356,512	68,919	425,431	
28121	Chlorine, compressed or liquefied.....	94,887	<sup>1</sup> 22,510	117,397	
28122	Sodium carbonate.....	(D)	(D)	113,263	
28123	Sodium hydroxide (caustic soda).....	135,642	<sup>2</sup> 41,670	177,312	
28124	Other alkalies.....	(D)	(D)	17,459	
	Secondary products.....	130,162	xxx	xxx	
28133	Carbon dioxide.....	5,595	xxx	xxx	
28151	Cyclic intermediates.....	5,817	xxx	xxx	
28182	Miscellaneous acyclic chemicals and chemical products.....	30,616	xxx	xxx	
28191	Synthetic ammonia, nitric acid, and ammonium compounds.....	10,890	xxx	xxx	
28194	Inorganic acids, except nitric and sulfuric.....	4,839	xxx	xxx	
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....	9,181	xxx	xxx	
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec.....	18,533	xxx	xxx	
28730	Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals.....	6,133	xxx	xxx	
32950	Minerals and earths, ground or otherwise treated.....	<sup>r</sup> 2,404	xxx	xxx	
	Other secondary products.....	<sup>r</sup> 36,154	xxx	xxx	
	Miscellaneous receipts.....	17,635	xxx	xxx	
	Resales.....	16,205	xxx	xxx	
	Other receipts.....	1,430	xxx	xxx	
Prod. class code	Industrial gases industry	Industrial gases (SIC 2813)	Alkalies and chlorine (SIC 2812)	Other industries	All industries
	Total shipments and receipts of the industry.....	277,441	xxx	xxx	xxx
	Primary products.....	222,972	6,862	32,747	262,581
28132	Acetylene.....	67,501	...	<sup>4</sup> 21,906	89,407
28133	Carbon dioxide.....	34,574	5,595	<sup>5</sup> 2,835	43,004
28134	Elemental gases and compressed and liquefied gases, nec.....	120,897	1,267	<sup>6</sup> 8,006	130,170
	Secondary products.....	2,130	xxx	xxx	xxx
	Miscellaneous receipts.....	52,339	xxx	xxx	xxx
Prod. class code	Cyclic (coal tar) crudes industry	Cyclic (coal tar) crudes (SIC 2814)	Other industries	All industries	
	Total shipments and receipts of the industry.....	116,972	xxx	xxx	
28140	Cyclic (coal tar) crudes.....	87,074	<sup>7</sup> 18,242	105,316	
	Secondary products.....	27,342	xxx	xxx	
28151	Cyclic intermediates.....	10,401	xxx	xxx	
29523	Asphalt and tar roofing and siding products.....	6,647	xxx	xxx	
	Other secondary products.....	<sup>8</sup> 10,294	xxx	xxx	
	Miscellaneous receipts.....	2,556	xxx	xxx	
Prod. class code	Intermediate coal tar products industry	Intermediate coal tar products (SIC 2815)	Organic chemicals, nec (SIC 2818)	Other industries	All industries
	Total shipments and receipts of the industry.....	817,387	xxx	xxx	xxx
	Primary products.....	513,422	182,558	92,515	788,495
28151	Cyclic intermediates.....	310,347	140,207	<sup>9</sup> 80,995	531,549
28152	Synthetic organic dyes.....	133,069	38,874	3,575	175,518
28153	Synthetic organic pigments, lakes and toners.....	68,888	(D)	( <sup>10</sup> )	80,244
28150	Intermediate coal tar products, nsk.....	1,118	( <sup>11</sup> )	( <sup>11</sup> )	1,184

See footnotes at end of table.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Intermediate coal tar products industry—Continued	Intermediate coal tar products (SIC 2815)	Organic chemicals, nec (SIC 2818)	Other industries	All industries
	Secondary products.....	260,587	xxx	xxx	xxx
28140	Cyclic (coal tar) crudes.....	6,216	xxx	xxx	xxx
28165	Chrome colors and other inorganic pigments.....	15,266	xxx	xxx	xxx
28181	Miscellaneous cyclic chemical products.....	22,432	xxx	xxx	xxx
28182	Miscellaneous acyclic chemicals and chemical products.....	52,641	xxx	xxx	xxx
28183	Synthetic organic chemicals, nec (except bulk surface active agents).....	21,786	xxx	xxx	xxx
28184	Inorganic acids, except nitric and sulfuric.....	15,251	xxx	xxx	xxx
28197	Potassium and sodium compounds, (except bleaches, alkalies, and alums).....	6,532	xxx	xxx	xxx
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec.....	8,647	xxx	xxx	xxx
28215	Synthetic resins (except for protective coatings).....	35,498	xxx	xxx	xxx
28430	Surface active and finishing agents.....	17,475	xxx	xxx	xxx
	Other secondary products.....	r 12 58,843	xxx	xxx	xxx
	Miscellaneous receipts.....	43,378	xxx	xxx	xxx
	Resales.....	38,338	xxx	xxx	xxx
	Contract work.....	4,019	xxx	xxx	xxx
	Other receipts.....	1,021	xxx	xxx	xxx

Prod. class code	Inorganic pigments industry	Inorganic pigments (SIC 2816)	Other industries	All industries
	Total shipments and receipts of the industry.....	417,673	xxx	xxx
	Primary products.....	365,156	46,855	412,011
28161	Titanium pigments.....	231,888	...	231,888
28162	Other white opaque pigments.....	(D)	(13)	54,435
28163	Chrome colors and other inorganic pigments.....	90,462	14 34,612	125,074
28160	Inorganic pigments, nsk.....	(D)	(11)	614
	Secondary products.....	30,639	xxx	xxx
28193	Sulfuric acid.....	2,386	xxx	xxx
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec.....	12,125	xxx	xxx
2851-	Paints and varnishes.....	3,310	xxx	xxx
3333-	Primary zinc.....	2,022	xxx	xxx
	Other secondary products.....	r 10,796	xxx	xxx
	Miscellaneous receipts.....	21,878	xxx	xxx
	Resales.....	18,563	xxx	xxx
	Contract work.....	2,737	xxx	xxx
	Other receipts.....	578	xxx	xxx

Prod. class code	Organic and inorganic chemicals, nec, industry	Organic chemicals, nec (SIC 2818)	Inorganic chemicals, nec (SIC 2819)	Alkalies and chlorine (SIC 2812)	Intermediate coal tar products (SIC 2815)	Plastics materials (SIC 2821)	Petroleum refining (SIC 2911)	Other industries	All industries
	Total shipments and receipts of the industry....	3,097,963	2,754,427	xxx	xxx	xxx	xxx	xxx	xxx
	Organic and inorganic chemicals, nec:								
2818-	Organic chemicals, nec, industry.....	2,212,820	78,423	34,265	106,826	98,371	105,821	150,801	2,787,327
2819-	Inorganic chemicals, nec, industry.....	116,703	1,635,439	47,459	39,727	11,088	31,054	150,491	2,031,961
28181	Miscellaneous cyclic chemical products.....	88,297	2,901	(D)	22,432	7,127	(D)	8,789	143,322
28182	Miscellaneous acyclic chemicals and chemical products.....	1,765,853	52,601	30,616	52,641	56,154	80,207	1588,526	2,126,598
28183	Synthetic organic chemicals, nec (except bulk surface active agents).....	210,962	4,631	...	21,786	23,114	2,086	1628,861	291,440
28184	Pesticides and other organic agricultural chemicals (not formulations).....	76,694	7,280	(D)	(D)	...	(11)	173,632	96,186
28185	Ethyl alcohol and other industrial organic chemicals, nec.....	64,069	11,010	(D)	(D)	11,976	(D)	1819,512	121,355
28180	Organic chemicals, nsk.....	6,945	...	...	...	...	...	1,481	8,426
28191	Synthetic ammonia, nitric acid and ammonium compounds.....	40,520	276,534	10,890	(D)	(D)	17,789	1912,158	363,264
28192	Chlorine and other bleaching compounds.....	(D)	92,949	(D)	...	...	...	2015,919	113,963
28193	Sulfuric acid.....	5,531	136,273	...	(D)	(D)	482	2122,287	169,896
28194	Inorganic acids, except nitric and sulfuric.....	24,581	66,020	4,839	15,251	(11)	...	(22)	116,892
28195	Aluminum oxide.....	6,331	272,034	(11)	...	...	...	(D)	214,632
28196	Other aluminum compounds.....								69,960
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....	15,435	274,748	9,181	6,532	5,199	...	2313,581	324,676
28198	Chemical catalytic preparations.....	(D)	46,806	(D)	(D)	(D)	...	153	56,179
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec....	16,522	470,075	18,533	8,647	1,852	12,783	2474,087	602,499

See footnotes at end of table.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Organic and inorganic chemicals, nec, industry-- Continued	Organic chemicals, nec (SIC 2818)	Inorganic chemicals, nec (SIC 2819)	Alkalies and chlorine (SIC 2812)	Inter- mediate coal tar products (SIC 2815)	Plastics materials (SIC 2821)	Petroleum refining (SIC 2911)	Other- indus- tries	All indus- tries
	Other products.....	692,711	165,062	xxx	xxx	xxx	xxx	xxx	xxx
28121	Chlorine, compressed or liquefied.....	11,802	9,281	xxx	xxx	xxx	xxx	xxx	xxx
28123	Sodium hydroxide (caustic soda).....	27,714	r(25)	xxx	xxx	xxx	xxx	xxx	xxx
28132	Acetylene.....	1,782	r(25)	xxx	xxx	xxx	xxx	xxx	xxx
28133	Carbon dioxide.....	(25)	2,726	xxx	xxx	xxx	xxx	xxx	xxx
28134	Elemental gases and compressed and liquefied gases, nec.....	2,678	1,727	xxx	xxx	xxx	xxx	xxx	xxx
28151	Cyclic intermediates.....	140,207	9,436	xxx	xxx	xxx	xxx	xxx	xxx
28152	Synthetic organic dyes.....	38,874	...	xxx	xxx	xxx	xxx	xxx	xxx
28213	Synthetic resins, except for protective coatings...	205,070	(25)	xxx	xxx	xxx	xxx	xxx	xxx
28215	Plastics and resin materials, nec.....	4,660	...	xxx	xxx	xxx	xxx	xxx	xxx
28220	Synthetic rubber (vulcanizable elastomers).....	31,633	...	xxx	xxx	xxx	xxx	xxx	xxx
28331	Medicinal and botanical drugs, uncompounded for human use.....	23,515	r6,360	xxx	xxx	xxx	xxx	xxx	xxx
28414	Glycerin.....	22,642	(25)	xxx	xxx	xxx	xxx	xxx	xxx
2842-	Polishes and sanitation goods.....	(25)	3,123	xxx	xxx	xxx	xxx	xxx	xxx
28430	Surface active and finishing agents.....	16,238	1,425	xxx	xxx	xxx	xxx	xxx	xxx
28442	Perfumes, toilet water, and colognes.....	4,813	...	xxx	xxx	xxx	xxx	xxx	xxx
28512	Industrial product finishes and special coatings...	101	2,587	xxx	xxx	xxx	xxx	xxx	xxx
28722	Mixed fertilizers (made by plants which do not manufacture any ingredients).....	...	r8,577	xxx	xxx	xxx	xxx	xxx	xxx
28730	Agricultural pesticides, herbicidal preparations and similar agricultural chemicals.....	20,281	12,359	xxx	xxx	xxx	xxx	xxx	xxx
28911	Glues and adhesives and sizes.....	3,011	1,732	xxx	xxx	xxx	xxx	xxx	xxx
28920	Explosives.....	4,396	(25)	xxx	xxx	xxx	xxx	xxx	xxx
28993	Essential oils, fire works, and pyrotechnics, chemical and chemical preparations, nec.....	38,704	3,325	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	r2694,590	r27102,404	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	75,729	875,503	xxx	xxx	xxx	xxx	xxx	xxx
	Resales.....	68,418	82,861	xxx	xxx	xxx	xxx	xxx	xxx
	Contract work.....	2,959	28778,743	xxx	xxx	xxx	xxx	xxx	xxx
	Other receipts.....	4,372	13,899	xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.<sup>1</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2819, \$9,281; and 2818, \$11,802.<sup>2</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2821, \$2,042; and 2818, \$27,714. In addition Industry 2819 had shipments which totaled \$2 million or more but exact figures are withheld to avoid disclosing individual company figures.<sup>3</sup>Includes Product class 28411 which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.<sup>4</sup>The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2819 and 3313.<sup>5</sup>Includes \$2,726 thousand shipped by establishments classified in Industry 2819.<sup>6</sup>Includes \$2,678 thousand shipped by establishments classified in Industry 2818.<sup>7</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2815, \$6,216; and 2821, \$3,494. In addition Industry 2952 had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.<sup>8</sup>Includes Product class 28512 which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.<sup>9</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2812, \$5,817; 2814, \$10,401; 2819, \$9,436; 2821, \$13,873; and 2911, \$18,906. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2822 and 2834.<sup>10</sup>Industry 2816 had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures.<sup>11</sup>Less than \$100 thousand.<sup>12</sup>Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28184 and 28331.<sup>13</sup>The following industries had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures: 2819, and 3333.<sup>14</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2815, \$15,266; 2851, \$5,798; and 2899, \$6,886.<sup>15</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2833, \$13,135; 2834, \$10,701; 2843, \$9,762; and 2873, \$6,317. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2822 and 2823.<sup>16</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2894, \$6,098; and 3069, \$2,300. In addition Industry 3011 had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.<sup>17</sup>Industry 2873 had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures.<sup>18</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2833, \$3,088 and 2899, \$9,591.<sup>19</sup>Includes \$4,577 thousand shipped by establishments classified in Industry 2892.<sup>20</sup>Includes \$13,827 thousand shipped by establishments classified in Industry 2841.<sup>21</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2816, \$2,386; 2871, \$9,271; 3331, \$2,036; and 3333, \$6,273.<sup>22</sup>Industry 2871 had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.<sup>23</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2823, \$5,580 and 2871, \$2,201.<sup>24</sup>Includes shipments (in thousands of dollars) by establishments classified in the following industries: 2816, \$12,125; 2833, \$2,009; 2871, \$2,493; 3313, \$16,404; 3331, \$6,098; 3339, \$2,878; 3341, \$6,220; and 3356, \$3,572. In addition, Industry 2631 had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.<sup>25</sup>Included in other secondary products.<sup>26</sup>Includes the following product classes, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28242, 28940, 29115, 29926, 30310, and 30698.<sup>27</sup>Includes the following product classes, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28162, 28213, 28411, 28415, 28416, 28711, 33130, and 33416.<sup>28</sup>Includes \$775,041 thousand as calculated value of shipments for government-owned, privately operated establishments. (Also see footnotes 5 and 6, table 3).



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958					1954							
		Production for all purposes  (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes  (short tons)	Total shipments including inter-plant transfers		Commercial shipments				
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)			
2812---	Alkalies and chlorine, total.....	xxx	xxx	425,431	xxx	xxx	xxx	xxx	362,712	xxx	xxx			
28121--	Chlorine.....	xxx	xxx	117,397	xxx	xxx	xxx	xxx	87,195	xxx	xxx			
2812111	Gas.....	<sup>1</sup> 3,604,538	317,189	17,784	223,117	12,496	<sup>1</sup> 2,903,723	202,581	10,543	(D)	(D)			
2812115	Liquid.....	2,000,318	1,701,204	99,613	1,557,945	92,493	1,584,796	1,359,768	76,652	1,257,418	71,438			
28122--	Sodium carbonate (soda ash) <sup>2</sup> .....	xxx	xxx	113,263	xxx	xxx	xxx	xxx	109,120	xxx	xxx			
	Synthetic <sup>3</sup> (58% Na <sub>2</sub> O):													
2812251	Total crude bicarbonate equivalent.....	<sup>4</sup> 4,324,160	xxx	xxx	xxx	xxx	<sup>4</sup> 4,701,364	xxx	xxx	xxx	xxx			
2812231	Finished bicarbonate <sup>5</sup> .....	98,778	95,097	6,386	94,399	6,350	112,086	108,589	5,892	108,589	5,892			
2812241	Finished dense ash.....	1,702,767	1,695,130	51,221	(D)	(D)	1,681,665	1,643,282	46,399	(D)	(D)			
2812245	Finished light ash.....	<sup>6</sup> 2,268,466	1,808,245	55,656	(D)	(D)	<sup>6</sup> 2,556,672	1,978,453	56,829	1,807,133	52,115			
28123--	Sodium hydroxide (caustic soda) (100% NaOH).....	xxx	xxx	177,312	xxx	xxx	xxx	xxx	148,819	xxx	xxx			
2812351	Electrolytic total liquid.....	<sup>7</sup> 3,650,946	xxx	xxx	xxx	xxx	<sup>7</sup> 2,931,076	xxx	xxx	xxx	xxx			
2812361	68-74% liquid.....	728,277	672,807	35,802	(D)	(D)	536,652	470,875	23,031	470,875	23,031			
2812365	All other liquid.....	2,602,014	1,759,329	93,612	1,625,991	87,609	2,051,011	1,533,344	76,127	1,500,309	74,401			
2812367	Dry (all forms).....	320,655	299,923	24,679	289,916	20,238	343,413	276,603	21,190	272,672	20,870			
2812370	Lime soda, total liquid.....	<sup>7</sup> 342,410	xxx	xxx	xxx	xxx	<sup>7</sup> 478,678	xxx	xxx	xxx	xxx			
2812371	68-74% liquid.....	69,595	67,671	3,948	(D)	(D)	34,137	34,766	1,713	34,766	1,713			
2812375	All other liquid.....	134,837	131,346	7,303	(D)	(D)	268,166	268,222	14,327	268,222	14,327			
2812377	Dry (all forms).....	137,978	132,276	11,968	(D)	(D)	176,375	163,153	12,431	163,153	12,431			
28124--	Other alkalies.....	xxx	xxx	17,459	xxx	xxx	xxx	xxx	17,578	xxx	xxx			
	Potassium hydroxide (caustic potash) (88-92% KOH):													
	Total liquid.....	<sup>7</sup> 87,243	66,805	10,547	(D)	(D)	<sup>7</sup> 75,291	56,689	8,556	(D)	(D)			
2812421	Liquid.....	70,857	(NA)	(NA)	(NA)	(NA)	58,373	39,492	5,385	(D)	(D)			
2812423	Solid.....	16,386	(NA)	(NA)	(NA)	(NA)	16,918	17,197	3,171	17,197	3,171			
2812459	Other carbonates <sup>8</sup> .....	xxx	xxx	6,912	xxx	xxx	xxx	xxx	9,022	xxx	xxx			
2812481	Modified sodas.....													
		1958 <sup>a</sup>					1954							
		Unit of measure	Production (quantity)	Total shipments including interplant transfers		Production (quantity)	Total shipments including interplant transfers		Production (quantity)	Total shipments including interplant transfers				
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)		Quantity	Value (\$1,000)			
2813---	Industrial gases, total.....	.....	xxx	xxx	<sup>10</sup> 262,581	xxx	xxx	<sup>10</sup> 195,390	xxx	xxx	xxx			
2813210	Acetylene.....	Million cu. ft.	<sup>11</sup> 10,256	7,157	89,407	<sup>11</sup> 6,390	5,129	64,550	64,550	64,550	64,550			
28133--	Carbon dioxide.....	Short tons.....	<sup>12</sup> 805,712	740,690	43,004	<sup>12</sup> 749,615	689,192	43,445	43,445	43,445	43,445			
2813311	Liquid and gas.....	.....do.....	<sup>12</sup> 338,561	280,866	16,661	<sup>12</sup> 190,395	158,226	11,545	11,545	11,545	11,545			
2813331	Solid (dry ice).....	.....do.....	<sup>12</sup> 467,351	459,824	26,343	<sup>12</sup> 559,220	530,966	31,900	31,900	31,900	31,900			
28134--	Elemental gases and compressed and liquefied gases, nec.....	.....	xxx	xxx	<sup>10</sup> 130,170	xxx	xxx	<sup>10</sup> 87,395	xxx	xxx	xxx			
2813415	Argon, refined.....	Million cu. ft.	377	379	13,420	<sup>14</sup> 27,759	9,255	5,972	5,972	5,972	5,972			
---	Helium <sup>13</sup> .....	.....do.....	334	352	(NA)	191	190	(NA)	(NA)	(NA)	(NA)			
	Hydrogen.....	.....do.....	<sup>14</sup> 42,415	11,939	8,576	<sup>14</sup> 27,759	9,255	5,972	5,972	5,972	5,972			
	Shipped as gas.....	.....do.....	xxx	<sup>15</sup> 11,939	158,576	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
	Shipped as liquid.....	.....do.....	xxx	(15)	(15)	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
2813423	Electrolytic.....	.....do.....	10,082	7,474	6,798	9,189	(NA)	(NA)	(NA)	(NA)	(NA)			
	Shipped as gas.....	.....do.....	xxx	7,474	6,798	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
2813425	From other sources.....	.....do.....	32,333	4,465	1,778	18,570	(NA)	(NA)	(NA)	(NA)	(NA)			
	Shipped as gas.....	.....do.....	xxx	<sup>15</sup> 4,465	<sup>15</sup> 1,778	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
	Shipped as liquid.....	.....do.....	xxx	(15)	(15)	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
2813443	Nitrogen, high purity (99.5-100%)	.....do.....	<sup>14</sup> 6,549	5,478	17,157	<sup>16</sup> 2,373	2,009	7,237	7,237	7,237	7,237			
	Shipped as gas.....	.....do.....	xxx	1,614	8,094	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
	Shipped as liquid.....	.....do.....	xxx	3,864	9,063	xxx	(NA)	(NA)	(NA)	(NA)	(NA)			
	Oxygen, high purity (99.5-100%)..	.....do.....	<sup>17</sup> 36,485	33,495	79,955	<sup>17</sup> 22,108	21,337	55,802	55,802	55,802	55,802			
	Shipped as gas.....	.....do.....	xxx	<sup>15</sup> 17,234	<sup>15</sup> 55,140	xxx	7,365	42,910	42,910	42,910	42,910			
	Shipped as liquid.....	.....do.....	xxx	<sup>15</sup> 16,261	<sup>15</sup> 24,815	xxx	13,972	12,892	12,892	12,892	12,892			
2813451	Electrolytic process.....	.....do.....	612	457	2,755	398	265	1,615	1,615	1,615	1,615			
	Shipped as gas.....	.....do.....	xxx	<sup>15</sup> 457	<sup>15</sup> 2,755	xxx	265	1,615	1,615	1,615	1,615			
	Shipped as liquid.....	.....do.....	xxx	(15)	(15)	xxx	...	...	...	...	...			
2813454	Liquefaction process.....	.....do.....	35,873	33,038	77,200	21,710	21,072	54,187	54,187	54,187	54,187			
	Shipped as gas.....	.....do.....	xxx	16,777	52,385	xxx	7,100	41,295	41,295	41,295	41,295			
	Shipped as liquid.....	.....do.....	xxx	16,261	24,815	xxx	13,972	12,892	12,892	12,892	12,892			

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958 <sup>a</sup>				1954					
			Production <sup>c</sup> (quantity)	Total shipments including <sup>a</sup> interplant transfers		Production (quantity)	Total shipments including interplant transfers					
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)				
2813---	Industrial gases--Continued											
28134--	Elemental gases and compressed and liquefied gases--Continued											
2813490	Other elemental gases, including raw nitrogen, argon (crude), and lower purity oxygen.....	1,000 gals. S.T.P.	xxx	xxx	4,399	xxx	xxx	4,206				
2813471	Nitrous oxide.....		459,368	453,127	4,737	303,817	301,817	3,124				
2813498	Other compressed and liquefied gases, nec		xxx	xxx	1,926	xxx	xxx	4,555				
Value (\$1,000)												
1958					1954							
Total shipments including interplant transfers			Commercial shipments only		Interplant transfers only		Total shipments including interplant transfers		Commercial shipments only		Interplant transfers only	
2814011	Tar, tar crudes, and tar pitches <sup>18 19</sup> .....	105,316	(D)	(D)	87,426	76,644	10,782					
2815---	Intermediate coal tar products, total.....	788,495	xxx	xxx	691,312	xxx	xxx					
2815111	Cyclic (coal tar) intermediates <sup>19</sup> .....	531,549	398,759	132,790	466,631	315,608	151,023					
2815211	Synthetic organic dyes <sup>19</sup> .....	175,518	171,678	3,840	156,262	150,874	5,388					
2815311	Synthetic organic pigments, lakes, and toners <sup>19</sup> .....	80,244	63,735	16,509	68,419	11,182	57,237					
2815000	Intermediate coal tar products, nsk.....	1,184	(NA)	(NA)	...	...	...					
1958					1954							
Production for all purposes		Total shipments including interplant transfers		Commercial shipments		Production for all purposes		Total shipments including interplant transfers		Commercial shipments		
(short tons)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)	(short tons)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)	
2816---	Inorganic color pigments, total.....	xxx	xxx	412,011	xxx	xxx	xxx	xxx	372,450	xxx	xxx	
2816111	Titanium pigments, composite and pure (100% TiO <sub>2</sub> ).....	403,867	425,765	231,888	396,570	216,330	361,006	363,010	175,661	333,251	161,613	
28162--	Other white opaque pigments.....	xxx	xxx	54,435	xxx	xxx	xxx	xxx	64,022	xxx	xxx	
White lead, excluding white lead in oil:												
2816211	Basic lead carbonate.....	14,527	13,315	4,494	(D)	(D)	26,586	18,039	5,242	13,177	4,011	
2816215	Basic lead sulfate.....											
Zinc oxide pigments:												
2816221	Lead-free zinc oxide.....	130,075	132,048	35,308	(D)	(D)	138,357	137,136	34,864	(D)	(D)	
2816225	Leaded zinc oxide.....	23,127	24,187	6,302	(D)	(D)	57,486	58,736	11,029	(D)	(D)	
2816261	Lithopone.....	xxx	xxx	8,146	xxx	5,349	44,738	44,554	6,191	(D)	(D)	
2816298	All other white opaque pigments, including antimony oxide and pure zinc sulfide....											
2816200	Other white opaque pigments, nsk.....	xxx	xxx	185	xxx	xxx	xxx	xxx	140	xxx	xxx	
28163--	Chrome colors and other inorganic pigments.	xxx	xxx	125,074	xxx	xxx	xxx	xxx	132,582	xxx	xxx	
Chrome colors:												
2816311	Chrome green (chrome yellow and iron blue) (C.P.).....	3,907	3,997	3,048	(D)	(D)	6,611	6,633	5,025	5,579	4,307	
2816313	Chrome oxide green (C.P.).....	4,820	5,050	4,431	(D)	(D)	6,788	6,868	5,131	(D)	(D)	
2816315	Chrome yellow and orange (C.P.).....	22,365	21,429	13,859	18,475	11,846	24,552	24,409	14,279	20,334	11,882	
2816317	Molybdate chrome orange (C.P.).....	5,675	5,566	5,014	(D)	(D)	4,782	4,686	3,836	4,296	3,547	
2816318	Zinc yellow (zinc chromate) (C.P.).....	6,005	5,801	3,143	4,468	2,389	5,814	5,634	2,738	4,822	2,347	
Other inorganic pigments, including white extender pigments:												
2816321, 23, 29	White extender pigments (barytes, blanc fixe, satin white, and other extender pigments, excluding whiting).....	xxx	xxx	4,590	xxx	xxx	xxx	xxx	4,000	xxx	xxx	
2816325	Whiting (including ground limestone or chalk).....	28,393	27,081	715	xxx	xxx	60,177	58,569	1,306	xxx	xxx	
Color pigments other than chrome colors and lakes and toners:												
2816331	Iron oxide pigments.....	62,923	64,622	12,426	(D)	(D)	89,231	84,770	14,296	74,132	12,761	
Colored lead pigments:												
2816341	Red lead.....	23,311	22,493	6,417	(D)	(D)	26,773	26,110	8,286	22,346	7,105	
2816345	Litharge.....	121,698	113,822	30,210	(D)	(D)	135,976	131,145	39,208	(D)	(D)	
2816351	Iron blues (Prussian blue, milori blue, etc.).....	4,265	4,147	4,042	(D)	(D)	4,594	4,642	4,183	3,600	3,301	
2816361	Pearl essence.....	xxx	xxx	3,930	xxx	xxx	2,454	2,454	1,467	2,454	1,467	

See footnotes at end of table.



## 28A-19

Product code	Product	1958					1954				
		Production for all purposes (short tons)	Total shipments including interplant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including interplant transfers		Commercial shipments	
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2816---	Inorganic color pigments--Continued										
28163--	Chrome colors and other inorganic pigments--Continued										
2816381	Bone black.....	11,471	11,503	2,663	xxx	xxx	9,711	9,721	2,226	xxx	xxx
2816385	Lamp black.....										
2816389	Other blacks, excluding activated carbon and charcoal.....	xxx	xxx	1,026	xxx	xxx	xxx	xxx	1,161	xxx	xxx
2816391	Ceramic colors.....	xxx	xxx	17,448	xxx	(D)	13,922	12,003	14,148	(D)	(D)
2816392	All other color pigments.....	xxx	xxx	11,209	xxx	xxx	xxx	xxx	10,531	xxx	xxx
2816300	Chrome colors and other inorganic pigments, nsk.....	xxx	xxx	903	xxx	xxx	xxx	xxx	761	xxx	xxx
2816000	Inorganic color pigments, nsk.....	xxx	xxx	614	xxx	xxx	xxx	xxx	185	xxx	xxx
		Value of shipments (\$1,000)									
		1958					1954				
		Total shipments including interplant transfers	Commercial shipments only	Interplant transfers only	Total shipments including interplant transfers	Commercial shipments only	Interplant transfers only				
2818---	Industrial organic chemicals, nec, total.....	2,787,327	xxx	xxx	2,027,479	xxx	xxx				
2818111	Miscellaneous cyclic (coal tar) chemical products <sup>19</sup> .....	143,322	129,346	13,976	85,974	76,582	9,392				
2818211	Miscellaneous acyclic chemicals and chemical products <sup>19</sup> .....	2,126,598	1,540,376	586,222	1,569,225	1,133,820	435,405				
28183--	Synthetic organic chemicals, nec (except bulk surface active agents) <sup>19</sup> .....	291,440	263,932	27,508	208,469	179,758	28,711				
2818311	Flavor and perfume materials <sup>19</sup> .....	55,328	(D)	(D)	47,615	(D)	(D)				
2818331	Rubber-processing chemicals <sup>19</sup> .....	97,844	(D)	(D)	61,395	(D)	(D)				
2818351	Plasticizers <sup>19</sup> .....	138,268	121,334	16,934	99,459	82,518	16,941				
2818411	Pesticides and other synthetic organic agricultural chemicals (excluding preparations) <sup>19</sup> .....	96,186	89,989	6,197	96,884	89,492	7,392				
28185--	Ethyl alcohol and other industrial organic chemicals, nec.....	121,355	xxx	xxx	66,927	xxx	xxx				
2818511	Ethyl alcohol <sup>20</sup> : Pure (natural).....										
	Denatured (special or complete) (including natural and synthetic): For uses other than rubbing.....	59,219	(D)	(D)	26,875	18,394	8,481				
	Other industrial organic chemicals:										
2818531	Flavor oil mixtures and blends.....	12,004	(D)	(D)	5,280	(NA)	(NA)				
2818535	Enzymes, natural and synthetic.....	13,072	(NA)	(NA)	( <sup>21</sup> )	(NA)	(NA)				
2818537	Reagent and high purity grades of organic chemicals refined from purchased technical grades.....	5,030	(NA)	(NA)	4,537	(NA)	(NA)				
2818551	Natural organic chemicals, nec.....	12,889	(D)	(D)	2130,235	(NA)	(NA)				
2818598	Other industrial organic chemicals.....	15,993	(D)	(D)		(D)	(D)				
2818500	Other industrial organic chemicals, nsk.	3,148	(NA)	(NA)		...	...				
2818000	Industrial organic chemicals, nsk.....	8,426	(NA)	(NA)	...	...	...				

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	1958					1954				
		Production for all purposes	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes	Total shipments including inter-plant transfers		Commercial shipments	
		(short tons)	Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)	(short tons)	Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2819---	Inorganic chemicals, nec, total....	xxx	xxx	22,031,561	xxx	xxx	xxx	xxx	22,163,4,591	xxx	xxx
28191--	Synthetic ammonia, nitric acid, and ammonium compounds.....	xxx	xxx	23,363,264	xxx	xxx	xxx	xxx	23,296,868	xxx	xxx
2819111	Nitric (100% HNO <sub>3</sub> ) <sup>24</sup> .....	2,704,062	188,861	14,213	(D)	(D)	2,289,297	136,104	10,074	115,865	8,591
2819131	Ammonia (100% NH <sub>3</sub> ): <sup>25</sup>										
2819131	Anhydrous.....	3,878,778	1,798,973	132,700	1,423,526	106,073	2,736,478	1,284,894	114,836	1,158,473	104,833
2819133	Aqua.....	50,933	39,766	2,706	38,429	2,600	53,943	44,714	3,876	(D)	(D)
	Ammonium compounds:										
	Chloride (100% NH <sub>4</sub> Cl):										
2819141	Gray.....	22,257	22,340	2,782	22,340	2,782	28,443	28,979	3,661	(D)	(D)
2819143	White.....										
	Nitrate (100% NH <sub>4</sub> NO <sub>3</sub> ):										
	Fertilizer grade:										
2819151	Original solution.....	26,368,961	64,589	3,591	(D)	(D)	26,165,228	*40,378	*2,220	*40,378	*2,220
2819152	Solid.....	1,521,132	1,470,392	90,338	(D)	(D)	*983,623	*950,170	*65,103	*950,170	*65,103
2819153	Other grades (explosive, etc.) <sup>24</sup> .....	212,351	107,051	7,095	83,317	5,933	230,235	104,469	6,962	(D)	(D)
2819155	Nitrogen solutions (100% N <sub>2</sub> ) mixtures containing two or more nitrogenous materials..	623,221	613,827	70,349	(D)	(D)	444,705	452,695	56,571	452,695	56,571
2819157	Sulfate (other than byproduct coke oven) (100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> ) <sup>25</sup>	1,090,956	1,000,037	33,120	999,260	33,089	943,825	801,765	36,017	(D)	(D)
2819159	Other ammonium compounds.....	xxx	xxx	11,439	xxx	xxx	xxx	xxx	9,324	xxx	xxx
28192--	Chlorine and other bleaching compounds.....	xxx	xxx	113,963	xxx	xxx	xxx	xxx	83,787	xxx	xxx
2819211	Calcium hypochlorite (high test) (70% avail. Cl <sub>2</sub> ).....	14,595	13,087	6,097	(D)	(D)	12,312	9,939	4,991	(D)	(D)
2819221	Bleaching powder (chloride of lime) (35-37% avail. Cl <sub>2</sub> ).....	xxx	xxx	545	xxx	xxx	xxx	xxx	1,237	(D)	(D)
2819231	Liquid lime bleaches (35-37% avail. Cl <sub>2</sub> ).....										
2819241	Sodium hypochlorite and other sodium bleaching compounds....	xxx	xxx	107,321	xxx	xxx	xxx	xxx	69,794	xxx	xxx
2819251	Other chlorine bleaching compounds.....										
28193--	Sulfuric acid, gross (new and fortified) (100% H <sub>2</sub> SO <sub>4</sub> ) <sup>27</sup> .....	15,950,199	9,316,931	169,896	8,504,626	154,600	14,376,381	8,315,750	161,248	7,541,301	144,619
2819351	Chamber process (gross).....	1,741,756	695,361	12,202	(D)	(D)	2,511,727	1,173,799	22,330	983,965	18,424
	Contact process (gross) <sup>28</sup> .....	14,208,443	8,621,570	157,694	(D)	(D)	11,864,654	7,141,951	138,918	6,557,336	126,195
2819311	Oleum under 40%.....	1,458,045	1,052,619	20,977	(D)	(D)	1,190,885	773,697	16,538	(D)	(D)
2819315	Oleum 40%.....	42,907	(D)	(D)	(D)	(D)	345,209	80,817	2,048	80,817	2,048
2819317	Oleum above 40%.....	65,787	(D)	(D)	(D)	(D)	51,387	22,521	687	(D)	(D)
2819331	Other than oleum.....	12,641,704	7,507,857	134,974	6,869,935	123,523	10,277,173	6,264,916	119,645	5,693,153	107,190
2819371	Spent acid used for fortification in contact units and included in above figures.....	669,776	xxx	xxx	xxx	xxx	819,890	xxx	xxx	xxx	xxx
28194--	Inorganic acids, except nitric and sulfuric.....	xxx	xxx	29,116,892	xxx	xxx	xxx	xxx	78,851	xxx	xxx
2819411	Boric (boracic) (100% H <sub>3</sub> BO <sub>3</sub> )...	86,097	78,080	9,030	(D)	(D)	62,803	(D)	(29)	(D)	(D)
2819421	Chlorosulfonic (100% SO <sub>2</sub> ClOH)...	42,268	41,846	3,165	(D)	(D)	(D)	(D)	(29)	(D)	(D)
2819431	Chromic acid (100% CrO <sub>3</sub> ) <sup>30</sup> .....	13,379	13,554	7,619	(D)	(D)	13,191	12,994	7,255	12,994	7,255
	Hydrochloric acid (including anhydrous) (100% HCl).....	826,022	408,720	25,170	(D)	(D)	763,472	360,848	22,163	(D)	(D)
2819441	From salt.....	107,036	61,622	4,516	(D)	(D)	150,385	68,129	5,037	(D)	(D)
2819445	From chlorine.....	162,282	65,410	4,988	(D)	(D)	157,815	44,741	3,803	(D)	(D)
2819447	Byproduct and other.....	556,704	281,688	15,666	243,662	14,011	455,272	247,978	13,323	(D)	(D)
2819451	Hydrocyanic (including anhydrous) (100% HCN).....	78,085	(D)	(29)	(D)	(D)	(D)	(D)	(29)	(D)	(D)
	Hydrofluoric (100% HF):										
2819461	Anhydrous.....	84,377	48,973	17,964	(D)	(D)	54,968	26,835	10,594	(D)	(D)
2819465	Technical.....										
2819467	Mixed (sulfuric and nitric) <sup>24</sup> ..	276,472	108,800	8,614	(D)	(D)	403,973	110,500	7,595	(D)	(D)
	Phosphoric acid (100% P <sub>2</sub> O <sub>5</sub> ) (previously published on 50% H <sub>3</sub> PO <sub>4</sub> basis. Factor used to convert is 0.3622).....	1,708,577	277,526	38,399	(D)	(D)	1,138,026	131,595	22,207	(D)	(D)
2819481	From phosphorus.....	675,372	199,817	29,639	(D)	(D)	506,774	115,052	19,962	114,599	20,837
2819485	From phosphate rock.....	1,033,205	77,709	8,760	(D)	(D)	631,252	16,543	2,245		
2819498	Other inorganic acids, nec.....	xxx	xxx	29,9385	xxx	xxx	xxx	xxx	29,937	xxx	xxx
2819511	Aluminum oxide, except natural alumina (100% Al <sub>2</sub> O <sub>3</sub> ).....	3,090,810	3,063,001	214,632	237,518	24,244	2,886,207	2,866,773	166,883	(D)	(D)

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	1958						1954					
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Quantity (short tons)	Value (\$1,000)
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		
2819--- 28196--	Inorganic chemicals, nec--Continued Other aluminum compounds.....	xxx	xxx	69,960	xxx	xxx	xxx	xxx	67,945	xxx	xxx		
	Chloride:												
2819611	Liquid (32° Be').....	20,225	12,287	894	(D)	(D)	11,337	10,725	774	10,725	774		
2819615	Crystal (32° Be').....												
2819617	Anhydrous (100% AlCl <sub>3</sub> ).....		30,042	24,165	7,157	(D)	36,397	31,639	8,790	31,639	8,790		
2819625	Hydroxide, trihydrate (100% Al <sub>2</sub> O <sub>3</sub> ·3H <sub>2</sub> O)	134,971	120,830	8,300	(D)	(D)	92,400	84,485	5,306	(D)	(D)		
2819627	Fluoride (technical).....	36,214	36,090	10,269	(D)	(D)	55,954	54,089	13,884	(D)	(D)		
2819641	Sodium aluminate (62.2% Al <sub>2</sub> O <sub>3</sub> ).....	(D)	(D)	( <sup>31</sup> )	(D)	(D)	*9,860	(D)	( <sup>31</sup> )	(D)	(D)		
	Sulfate:												
2819651	Commercial (17% Al <sub>2</sub> O <sub>3</sub> ).....	<sup>32</sup> 284,498	812,503	30,476	(D)	(D)	<sup>32</sup> 724,923	707,064	24,995	(D)	(D)		
2819655	Iron-free (17% Al <sub>2</sub> O <sub>3</sub> ).....	43,516	23,744	1,617	(D)	(D)	23,745	23,100	1,633	(D)	(D)		
2819671	Other inorganic aluminum compounds (including light aluminum hydroxide, cryolite, and alums).....	xxx	xxx	<sup>31</sup> 11,247	xxx	xxx	xxx	xxx	<sup>31</sup> 12,565	xxx	(NA)		
28197--	Potassium and sodium compounds (except bleaches, alkalis, and alums).....	xxx	xxx	<sup>23</sup> 324,676	xxx	xxx	xxx	xxx	<sup>23</sup> 275,814	xxx	xxx		
	Potassium compounds, nec:												
2819713	Iodide (100% KI).....	406	435	1,296	(D)	(D)	342	352	1,409	(D)	(D)		
2819715	Perchlorate (100% KClO <sub>4</sub> ).....	(D)	(D)	( <sup>33</sup> )	(D)	(D)	826	889	( <sup>33</sup> )	(D)	(D)		
2819716	Sulfate (100% K <sub>2</sub> SO <sub>4</sub> ).....	183,343	190,513	7,166	(D)	(D)	(D)	(D)	( <sup>33</sup> )	(D)	(D)		
2819717	Other potassium salts and compounds, nec (including potassium bromide, chlorate and nitrate).....	xxx	xxx	<sup>33</sup> 89,441	xxx	xxx	xxx	xxx	<sup>33</sup> 83,662	xxx	xxx		
2819721	Sodium (metal) (100% Na).....	110,297	52,304	17,347	(D)	(D)	127,299	48,913	15,609	(D)	(D)		
	Sodium compounds, nec:												
2819724	Borate (Borax) technical grade only, bulk and packaged (excluding anhydrous and pentahydrate forms) (Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O).....	456,713	(D)	( <sup>34</sup> )	(D)	(D)	354,420	*145,076	*8,726	*145,076	*8,726		
2819727	Chlorate (100% NaClO <sub>3</sub> ).....	67,249	53,303	8,735	(D)	(D)	39,952	22,645	3,523	(D)	(D)		
2819728	Fluoride (100% NaF).....	5,365	5,145	1,372	(D)	(D)	4,721	4,660	1,042	(D)	(D)		
2819729	Hydrosulfide (sodium sulfhydrate) (100% NaSH).....	20,456	19,260	2,385	(D)	(D)	23,207	20,504	2,588	20,504	2,588		
2819730	Hydrosulfite (100% Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> ).....	22,988	22,935	10,484	(D)	(D)	26,201	25,837	11,460	(D)	(D)		
	Phosphate:												
2819732	Monobasic (100% NaH <sub>2</sub> PO <sub>4</sub> ).....	<sup>35</sup> 9,646	10,345	1,787	(D)	(D)	<sup>35</sup> 7,114	6,911	1,123	6,911	1,123		
2819733	Dibasic (100% Na <sub>2</sub> HPO <sub>4</sub> ).....	<sup>35</sup> 22,181	22,141	3,504	21,689	3,441	<sup>35</sup> 26,604	24,331	3,623	(D)	(D)		
2819734	Tribasic (100% Na <sub>3</sub> PO <sub>4</sub> ).....	45,535	45,668	8,352	(D)	(D)	48,435	48,008	8,889	48,008	8,889		
2819735	Tetrabasic (pyro) (100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> ).....	101,307	87,135	12,395	(D)	(D)	108,989	88,355	13,113	(D)	(D)		
2819736	Meta (100% NaPO <sub>3</sub> ).....	53,500	54,114	10,019	(D)	(D)	52,808	51,688	9,076	(D)	(D)		
2819737	Acid pyro (100% Na <sub>2</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub> ).....	16,707	15,302	3,235	(D)	(D)	14,238	13,544	2,538	(D)	(D)		
2819738	Tripoly (100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> ).....	632,577	607,058	92,166	602,615	91,513	520,549	487,259	76,230	(D)	(D)		
2819739	Other sodium phosphates.....	xxx	xxx	( <sup>34</sup> )	xxx	xxx	xxx	xxx	1,841	xxx	xxx		
	Silicates:												
2819741	Soluble silicate glass (water glass) solid and liquid (anhydrous).....	<sup>36</sup> 477,493	376,556	24,168	(D)	(D)	<sup>37</sup> 595,996	451,824	25,240	451,824	25,240		
2819743	Meta silicate (100% Na <sub>2</sub> SiO <sub>3</sub> ·5H <sub>2</sub> O).....	196,622	135,462	10,193	(D)	(D)	132,908	113,569	7,942	(D)	(D)		
2819745	Orthosilicate (100% Na <sub>4</sub> SiO <sub>4</sub> ).....	37,792	36,406	4,537	(D)	(D)	35,203	34,596	3,195	34,596	3,195		
2819751	Silicofluoride (100% Na <sub>2</sub> SiF <sub>6</sub> ).....	17,261	14,538	1,662	(D)	(D)	19,783	17,774	2,347	(D)	(D)		
	Sulfate:												
2819761	Anhydrous (refined) (100% Na <sub>2</sub> SO <sub>4</sub> ).....	266,254	267,829	7,449	(D)	(D)	204,668	201,990	4,625	201,990	4,625		
2819765	Salt cake (crude) technical.....	639,751	655,529	14,617	(D)	(D)	658,638	645,028	11,687	645,028	11,687		
2819767	Glauber's salt (100% Na <sub>2</sub> SO <sub>4</sub> ·10H <sub>2</sub> O)	94,920	64,003	535	(D)	(D)	146,992	90,390	915	90,390	915		
	Sulfide (60-62% Na <sub>2</sub> S):												
2819782	Concentrated.....	22,025	22,506	2,450	22,506	2,450	22,792	23,396	2,314	(D)	(D)		
2819783	Other (including liquid and crystal).....	<sup>38</sup> 10,690	6,757	197	6,757	197	<sup>38</sup> 17,170	9,147	430	(D)	(D)		
2819784	Sulfite (100% Na <sub>2</sub> SO <sub>3</sub> ).....	118,704	125,903	5,418	(D)	(D)	80,282	80,494	3,930	80,494	3,930		
2819785	Thiosulfate (hypo) (100% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ·5H <sub>2</sub> O).....	36,278	36,631	3,057	(D)	(D)	37,658	37,131	3,018	(D)	(D)		
2819787	Other sodium compounds, nec (including sodium bisulfate, bifluoride, bromide, cyanide, peroxide, and sesquisulfate).....	xxx	xxx	<sup>34</sup> 82,767	xxx	xxx	xxx	xxx	*46,629	xxx	xxx		
2819811	Chemical catalytic preparations.....	xxx	xxx	56,179	xxx	xxx	xxx	xxx	34,732	xxx	xxx		
28199--	Other inorganic chemicals, nec.....	xxx	xxx	<sup>23</sup> 602,499	xxx	xxx	xxx	xxx	<sup>23</sup> 468,463	xxx	xxx		
2819911	Reagent and high purity grades of inorganic chemicals refined from purchased technical grades.....	xxx	xxx	14,736	xxx	xxx	xxx	xxx	11,738	xxx	xxx		

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958						1954					
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments			
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		
2819---	Inorganic chemicals, nec--Continued												
28199--	Other inorganic chemicals, nec--Continued												
	Barium compounds:												
2819901	Carbonate (precipitated) (100% BaCO <sub>3</sub> ).....	61,561	37,362	4,055	(D)	(D)	*68,181	47,387	4,373	47,387	4,373		
2819905	Nitrate (100% Ba(NO <sub>3</sub> ) <sub>2</sub> ).....	394	432	174	(D)	(D)	1,854	1,399	370	(D)	(D)		
2819906	Other barium compounds, including barium chloride, peroxide, and sulfide <sup>39</sup> .....	xxx	xxx	7,064	xxx	xxx	xxx	xxx	6,312	xxx	xxx		
	Bismuth compounds:												
2819907	Subcarbonate (100% (Bi <sub>2</sub> O <sub>3</sub> CO <sub>3</sub> ) <sub>2</sub> ·H <sub>2</sub> O)...	52	47	309	47	309	107	102	722	102	722		
2819908	Subnitrate, except U.S.P. and N.F. grades (100% BiONC <sub>3</sub> ·H <sub>2</sub> O).....	...	...	...	...	...	79	83	442	83	442		
2819909	Other bismuth compounds.....	xxx	xxx	543	xxx	xxx	xxx	xxx	307	xxx	xxx		
2819910	Bromine (isolated) (100% Br).....	(NA)	4,955	2,306	(D)	(D)	(D)	3,227	1,459	(D)	(D)		
	Calcium compounds:												
2819912	Carbide.....	902,408	580,955	58,090	(D)	(D)	719,304	431,996	38,525	(D)	(D)		
2819913	Carbonate (precipitated) (100% CaCO <sub>3</sub> )	157,576	131,146	7,311	(D)	(D)	161,565	135,663	6,625	(D)	(D)		
	Chloride:												
2819914	Solid and flake (77-80% CaCl <sub>2</sub> )....	528,882	531,565	15,340	(D)	(D)	437,703	437,262	10,786	(D)	(D)		
2819915	Liquid (40-45% CaCl <sub>2</sub> ).....	40200,866	204,359	2,031	(D)	(D)	40157,089	155,877	1,351	(D)	(D)		
	Phosphates:												
2819919	Dibasic (100% CaHPO <sub>4</sub> ):												
2819920	Feed grades.....	224,921	219,010	20,980	(D)	(D)	105,822	(D)	( <sup>41</sup> )	(D)	(D)		
	Other grades.....						22,908	(D)	( <sup>41</sup> )	(D)	(D)		
2819918	Monobasic.....	xxx	xxx	12,365	xxx	xxx	xxx	xxx	<sup>41</sup> 16,903	xxx	xxx		
2819921	Tribasic.....						xxx	xxx	8,535	xxx	xxx		
2819923	Other inorganic calcium compounds <sup>39</sup> .....	xxx	xxx	9,369	xxx	xxx	xxx	xxx	8,535	xxx	xxx		
2819924	Carbon, activated (decolorizing and water purification grades) <sup>42</sup> .....	53,297	53,728	13,834	(D)	(D)	46,200	44,100	9,326	(D)	(D)		
	Chromium compounds:												
2819928	Bichromates and chromates:												
2819930	Potassium (hydrous).....	2,346	2,707	925	(D)	(D)	2,928	2,691	796	(D)	(D)		
2819929	Sodium (hydrous).....	97,803	76,581	19,005	(D)	(D)	99,197	71,994	16,263	(D)	(D)		
2819931	Other chromium compounds <sup>39</sup> .....	xxx	xxx	6,216	xxx	xxx	xxx	xxx	4,495	xxx	xxx		
	Copper compounds:												
2819935	Cuprous oxide (100% Cu <sub>2</sub> O).....	3,059	3,021	2,068	(D)	(D)	*2,875	*2,872	*2,274	(D)	(D)		
2819936	Copper sulfate (100% CuSO <sub>4</sub> ·5H <sub>2</sub> O)....	45,861	41,954	8,714	(D)	(D)	*64,056	*62,248	*12,437	(D)	(D)		
2819937	Other copper compounds (including copper cyanide and cupric oxide)...	xxx	xxx	4,658	xxx	xxx	xxx	xxx	*4,852	xxx	xxx		
2819939	Hydrogen peroxide (100% by weight)....	25,834	24,112	22,457	(D)	(D)	xxx	xxx	( <sup>43</sup> )	xxx	xxx		
2819940	Iodine resublimed (100% I <sub>2</sub> ).....	92	42	197	(D)	(D)	54	43	229	(D)	(D)		
	Iron compounds:												
2819942	Ferric chloride (100% FeCl <sub>3</sub> ).....	32,908	32,526	2,940	(D)	(D)	29,226	28,077	2,470	(D)	(D)		
2819943	Ferrous sulfate (100% FeSO <sub>4</sub> ·7H <sub>2</sub> O)...	130,774	78,152	1,115	(D)	(D)	*164,783	*102,224	1,155	(D)	(D)		
2819944	Other iron compounds <sup>39</sup> .....	xxx	xxx	2,493	xxx	xxx	xxx	xxx	2,713	xxx	xxx		
2819948	Magnesium compounds.....	xxx	xxx	12,768	xxx	xxx	xxx	xxx	11,369	xxx	xxx		
2819949	Manganese compounds:												
2819950	Sulfate 100% (MnSO <sub>4</sub> ·4H <sub>2</sub> O).....	24,620	(D)	( <sup>44</sup> )	(D)	(D)	(D)	(D)	( <sup>44</sup> )	(D)	(D)		
2819952	Other manganese compounds.....	xxx	xxx	447,863	xxx	xxx	xxx	xxx	447,829	xxx	xxx		
	Mercury and compounds:												
2819953	Mercury, redistilled (quantity in pounds).....	373,439	375,485	1,580	375,485	1,580	503,284	503,082	2,079	503,082	2,079		
2819954	Mercuric chloride (100% HgCl <sub>2</sub> ).....	264	111	878	111	878	(D)	(D)	( <sup>45</sup> )	(D)	(D)		
2819959	Other mercury compounds, except mercuric fulminate and medicinal grades.....	xxx	xxx	2,606	xxx	xxx	xxx	xxx	457,556	xxx	xxx		
	Nickel compounds:												
2819960	Sulfate (100% NiSO <sub>4</sub> ·6H <sub>2</sub> O).....	7,209	6,434	3,173	(D)	(D)	*8,553	*8,379	*4,408	(D)	(D)		
2819961	Other nickel compounds.....	xxx	xxx	3,085	xxx	xxx	xxx	xxx	5,945	xxx	xxx		
	Phosphorus and compounds:												
2819962	Phosphorus, elemental:												
2819963	White (yellow) and red (technical)	335,747	294,332	104,305	25,022	9,272	266,887	225,208	70,588	17,400	5,869		
2819964	Oxychloride (100% POCl <sub>3</sub> ).....	17,444	13,097	3,089	(D)	(D)	15,240	*13,332	*2,168	7,681	1,879		
2819965	Pentoxide (100% P <sub>2</sub> O <sub>5</sub> ).....	10,596	9,130	2,090	(D)	(D)	7,010	5,294	1,152	5,294	1,152		
2819966	Trichloride (chloride) (100% PCl <sub>3</sub> )...	16,626	4,761	1,179	(D)	(D)	9,758	4,046	1,058	4,046	1,058		
2819967	Other phosphorus compounds.....	xxx	xxx	5,650	xxx	xxx	xxx	xxx	3,895	xxx	xxx		
2819969	Silica gel.....	xxx	xxx	29,571	xxx	xxx	xxx	xxx	45,458	xxx	xxx		
2819970		xxx	xxx		xxx	xxx	xxx	xxx		xxx	xxx		

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	1958				1954					
		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments		Production for all purposes (short tons)	Total shipments including inter-plant transfers		Commercial shipments	
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2819---	Inorganic chemicals, nec--Continued										
28199--	Other inorganic chemicals, nec--Continued										
	Silver compounds:										
2819971	Cyanide (100% AgCN) (1,000 ounces)..	1,349	1,336	937	1,336	937	2,143	2,164	1,349	2,164	1,349
2819972	Nitrate (100% AgNO <sub>3</sub> ) (1,000 ounces)..	65,618	28,011	14,938	28,011	14,938	63,017	27,579	13,028	27,579	13,028
2819973	Other silver compounds.....	xxx	xxx	1,292	xxx	xxx	xxx	xxx	1,762	xxx	xxx
	Sulfur compounds:										
2819975	Dioxide (produced for sale) (100% SO <sub>2</sub> )	467,492	57,394	3,057	(D)	(D)	*4855,394	49,386	3,236	(D)	(D)
2819976	Chloride, technical.....	(D)	(D)	(47)	(D)	(D)	*8,912	*7,390	*454	*7,390	454
2819977	Other sulfur compounds, including refined sulfur.....	xxx	xxx	4725,307	xxx	xxx	xxx	xxx	9,140	xxx	xxx
	Tin compounds:										
2819979	Chloride (stannous) (100% SnCl <sub>2</sub> )....	(D)	(D)	(48)	(D)	(D)	789	465	711	(D)	(D)
2819980	Oxide (stannic) (100% SnO <sub>2</sub> ).....	838	690	1,402	(D)	(D)					
2819981	Other tin compounds (including stannic chloride).....	xxx	xxx	484,399	xxx	xxx	xxx	xxx	3,396	xxx	xxx
	Zinc compounds:										
2819984	Chloride (100% ZnCl <sub>2</sub> ).....	30,454	25,520	3,916	(D)	(D)	25,589	18,539	3,367	(D)	(D)
2819987	Sulfate (100% ZnSO <sub>4</sub> ·7H <sub>2</sub> O).....	62,939	48,191	4,472	(D)	(D)	40,142	24,505	2,959	(D)	(D)
2819988	Other zinc compounds (including hydrosulfite and phosphide) <sup>39</sup> .....	xxx	xxx	6,342	xxx	xxx	xxx	xxx	5,444	xxx	xxx
2819991	Antimony compounds (excluding pigment grades).....	xxx	xxx	3,063	xxx	xxx					
2819992	Arsenic compounds (including white arsenic) <sup>40</sup> .....	xxx	xxx	852	xxx	xxx					
2819993	Cadmium compounds.....	xxx	xxx	2,112	xxx	xxx					
2819994	Cobalt compounds.....	xxx	xxx	1,963	xxx	xxx					
2819995	Gold compounds.....	xxx	xxx	8,052	xxx	xxx					
2819997	Selenium compounds.....	xxx	xxx	2,328	xxx	xxx					
2819999	Tungsten compounds.....	xxx	xxx	914	xxx	xxx					
2819998	All other inorganic chemicals.....	xxx	xxx	42110,769	xxx	xxx					

\*Revised. D Withheld to avoid disclosing figures for individual companies. NA Not available. <sup>1</sup>Production figures include quantities liquefied for use, storage, or shipments. <sup>2</sup>Excludes data for natural soda ash which according to information published for Industry 1474, Potash, Soda, and Borate Minerals and Bureau of Mines, Mineral Yearbook shows for 1958 that 629 thousand tons were produced and 639 thousand tons valued at \$17,175 thousand were shipped. Comparable 1954 data are 545 thousand tons produced and 527 thousand tons valued at \$13,535 thousand shipped. <sup>3</sup>Ammonia soda and caustic carbonation processes. <sup>4</sup>Includes quantities used in the same plant to manufacture caustic soda, sodium bicarbonate and finished light and dense soda ash. <sup>5</sup>Quantity figures reported in terms of soda ash processed to refined bicarbonate. <sup>6</sup>Excludes quantities converted to finished dense soda ash. <sup>7</sup>Including quantities later evaporated to solid caustic and reported as such. <sup>8</sup>Includes potassium carbonate, electrolytic soda ash, sodium carbonate (monohydrate) and sal soda and excludes products classified as alkaline detergents. <sup>9</sup>Source of 1958 data: Facts for Industry Series M28A-09 (Supplement 2) "Compressed and Liquefied Gases 1959." <sup>10</sup>Excludes value for helium, all of which is produced in Government-owned plants. <sup>11</sup>Includes 8,532 million cu. ft. in 1958 produced for chemical synthesis. 1954 figure also includes amounts produced for chemical synthesis. Excludes information from railroad shops, shipyards, welding shops and small establishments using portable generators. <sup>12</sup>Excludes production of liquid and gas CO<sub>2</sub> converted to and reported as dry ice and also amounts converted from pure CO<sub>2</sub> (liquid or solid) purchased or received from other plants. Also excludes quantities produced and consumed in plants manufacturing soda ash or urea. <sup>13</sup>Source: Bureau of Mines, U. S. Department of Interior. <sup>14</sup>Excludes amounts vented, used as fuel, etc., and amounts produced and consumed in the manufacture of synthetic ammonia and methanol, but includes an unspecified amount produced for sale or interplant transfer to plants consuming this gas in the production of ammonia. Also excludes amounts produced by the ammonia dissociation process (cracking of ammonia) and includes quantities of hydrogen produced by some, but not all, petroleum refineries producing hydrogen from catalytic reforming operations. <sup>15</sup>Small amount shipped as liquid included in gas data, and not shown separately to avoid disclosing operations of individual companies. <sup>16</sup>Excludes amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives. <sup>17</sup>In addition the following amounts of lower purity oxygen were produced: 1,211,887 short tons in 1958, and 463,095 short tons in 1954. These quantities exclude the amounts produced and consumed in the manufacture of ammonia. <sup>18</sup>Represents values reported by tar distillers and excludes shipment values for tar, tar crudes and for pitches reported by establishments classified in Industry 2932, Byproduct Coke Ovens, and Industry 2911, Petroleum Refining. <sup>19</sup>Data on quantities produced and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales." <sup>20</sup>For quantity information refer to the United States Treasury Department, Internal Revenue Service. Excludes shipments reported as rubbing alcohol (primary to Industry 2834, Pharmaceutical Preparations), and as anti-freeze (primary to Industry 2899, Chemicals and Chemical Preparations, NEC). <sup>21</sup>Data for "Enzymes, natural and synthetic" were not reported separately in 1954 but were included with "Other industrial organic chemicals" and "Natural organic chemicals, nec." <sup>22</sup>Excludes the value of inorganic chemicals shipped by plants, whose primary activity is such that the establishment is classified as "nonmanufacturing." The data for specific chemicals (7-digit product codes), however, represent totals for wherever made, and, therefore, include figures for T.V.A. plants and those classified in the "Mineral Industries." These "nonmanufacturing" plants shipped inorganic chemicals valued at \$120,309 thousand in 1958 and \$99,796 thousand in 1954. <sup>23</sup>The sum of the detail product lines does not add to the product class totals because of the inclusion at the individual product level of shipments by plants classified as "nonmanufacturing." (See footnote 22). <sup>24</sup>Includes data for Government-owned but privately operated plants. <sup>25</sup>Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Bureau of Mines. The quantities of byproduct ammonia liquor (NH<sub>3</sub> content) produced is as follows: 14,903 short tons in 1958, and 16,104 in 1954. The quantities of byproduct ammonium sulfate produced are as follows: 640,416 short tons in 1958, and 822,818 in 1954. <sup>26</sup>Represents total primary production including amounts converted to solid. <sup>27</sup>Total new (virgin) acid production in short tons of 100% H<sub>2</sub>SO<sub>4</sub> is as follows: 15,280,423 for 1958 and 13,556,491 for 1954. <sup>28</sup>Total new (virgin) acid (contact) production in short tons of 100% H<sub>2</sub>SO<sub>4</sub> is as follows: 13,538,667 for 1958, and 11,044,764 for 1954. <sup>29</sup>Codes 2819411 and 2819421, for the year 1954 and code 2819451 for 1958 and 1954 combined with 2819498, "Other inorganic acids." <sup>30</sup>Represents complete coverage of all manufacturers by the inclusion of estimates which account for less than 5 percent. <sup>31</sup>Code 2819641 combined with code 2819671, "Other inorganic aluminum compounds." <sup>32</sup>In addition, 6,326, and 15,003 short tons were produced, respectively, in 1958 and 1954 by municipalities. <sup>33</sup>Codes 2819715 for 1958 and 2819716 for 1954 combined with code 2819717, "Other potassium salts." <sup>34</sup>Codes 2819724 and 2819739 for 1958 combined with code 2819787, "Other sodium compounds." <sup>35</sup>Represents quantities produced only for sale or interplant transfer. <sup>36</sup>1958 figures exclude quantities produced and consumed in the same establishment in the manufacture of meta-, ortho-, and sesquisilicates. <sup>37</sup>1954 figures include quantities produced for sale and amounts converted to meta-, ortho-, and sesquisilicates, including estimates for theoretical amounts needed by plants manufacturing higher silicates by by-passing the soluble water glass state. <sup>38</sup>Excludes amounts converted to concentrated sodium sulfide. <sup>39</sup>Excludes chemicals classified in Industry 2816, Inorganic Color Pigments. <sup>40</sup>Excludes quantities of liquid used to produce solid calcium chloride. <sup>41</sup>Codes 2819919 and 2819920 combined with codes 2819918 and 2819921, for the year 1954. <sup>42</sup>Value of activated carbon, deodorizing grade, included in total for code 2819998, "Other inorganic chemicals, nec." <sup>43</sup>Code 2819939 for 1954 combined with code 2819998, "All other inorganic chemicals." <sup>44</sup>Code 2819950 for 1958 and 1954 combined with code 2819952, "Other manganese compounds." <sup>45</sup>Code 2819954 combined with code 2819959 for 1954. <sup>46</sup>Represents only total production of plants which produce all or part of their output for sale or transfer to other plants. <sup>47</sup>Code 2819976 for 1958 combined with code 2819977, "Other sulfur compounds." <sup>48</sup>Code 2819979 for 1958, combined with code 2819981, "Other tin compounds." <sup>49</sup>Excludes data for calcium and lead arsenate and other arsenical preparations classified as primary to Industry 2873, Agricultural Pesticides. <sup>50</sup>Includes \$488 thousand of inorganic chemicals, nsk.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	
<b>Chlorine, compressed or liquefied (28121):</b>			<b>Acetylene (28132)--Continued</b>	1958 <sup>1</sup>	<b>Elemental gases and compressed and liquefied gases, nec (28134)--Continued</b>	1958 <sup>1</sup>	
United States, total:			Middle Atlantic and East North Central.....	34,044	West South Central.....	10,818	
1958.....	117,818		New Jersey.....	2,546	Louisiana.....	2,592	
1957.....	112,174		Pennsylvania.....	2,563	Texas.....	7,181	
1956.....	110,772		Ohio.....	5,802	Mountain.....	1,969	
1955.....	99,579		Indiana.....	1,771	Pacific.....	17,774	
1954.....	87,195		Illinois.....	2,138	California.....	15,049	
1953.....	85,730		West North Central.....	3,024			
1952.....	71,321		South.....	43,979	<b>Cyclic (coal tar) crudes (28140):</b>	Value of shipments	
1951.....	66,193		Mountain.....	1,442	United States, total:		
1950.....	50,997		Pacific.....	5,190	1958.....	105,316	
1947.....	31,204		California.....	3,613	1954.....	87,426	
	1958 <sup>1</sup>	1954			1947.....	65,979	
Northeast.....	7,984	9,142	<b>Carbon dioxide (28133):</b>	Value of shipments		1958 <sup>1</sup>	
North Central.....	23,069	16,263	United States, total:				
Ohio.....	6,154	5,308	1958.....	43,004	Northeast.....	33,149	
Michigan.....	14,077	( <sup>2</sup> )	1957.....	*44,837	Pennsylvania.....	13,080	
South Atlantic.....	26,502	19,746	1956.....	42,691	North Central.....	40,818	
West Virginia.....	14,060	11,981	1955.....	44,128	Ohio.....	18,336	
East South Central.....	11,811	5,092	1954.....	43,445	Illinois.....	14,213	
West South Central.....	31,474	24,447	1953.....	41,308	South and West.....	31,349	
Louisiana.....	15,163	( <sup>2</sup> )	1952.....	34,755			
Texas.....	16,206	13,229	1951.....	30,288	<b>Cyclic (coal tar) intermediates (28151):</b>	Value of shipments	
West.....	16,978	12,506	1950.....	25,627	United States, total:		
Washington.....	8,452	( <sup>2</sup> )	1949.....	25,803	1958.....	531,549	
			1947.....	20,372	1957.....	2661,481	
<b>Sodium hydroxide (caustic soda) (28123):</b>	Value of shipments			1958 <sup>1</sup>	1956.....	2627,366	
United States, total:			Northeast.....	9,558	1955.....	2598,922	
1958.....	177,312		East North Central.....	10,342	1954.....	466,631	
1957.....	178,662		West North Central.....	4,298	1947.....	188,411	
1956.....	176,734		South Atlantic.....	7,104		1958 <sup>1</sup>	1954
1955.....	168,636		East South Central.....	1,521	New England.....	5,847	8,449
1954.....	148,819		West South Central.....	2,481	Middle Atlantic.....	198,651	140,730
1953.....	135,409		Mountain.....	1,099	New York.....	20,377	14,614
1952.....	125,495		Pacific.....	6,601	New Jersey.....	122,633	76,884
1951.....	137,721			Value of shipments	Pennsylvania.....	55,641	49,231
1947.....	82,644		<b>Elemental gases and compressed and liquefied gases, nec (28134):</b>		North Central.....	122,172	121,735
	1958 <sup>1</sup>	1954	United States, total:		Ohio.....	23,622	17,175
Northeast.....	19,856	19,694	1958.....	130,170	South Atlantic.....	52,786	30,602
North Central.....	36,795	31,174	1957.....	128,067	West Virginia.....	49,585	29,693
Michigan.....	21,384	17,962	1956.....	118,967	East South Central.....	20,787	15,816
South.....	98,699	80,781	1955.....	102,929	West South Central.....	97,202	106,808
West Virginia.....	19,208	14,351	1954.....	87,365	West.....	34,104	42,491
Alabama.....	10,206	4,669	1953.....	87,969			
Louisiana.....	18,711	16,023	1952.....	85,650	<b>Synthetic organic dyes (28152):</b>	Value of shipments	
Texas.....	29,979	28,286	1951.....	78,737	United States, total:		
West.....	21,962	17,170	1950.....	67,054	1958.....	175,518	
Washington.....	9,286	( <sup>2</sup> )	1947.....	50,748	1957.....	2153,021	
				1958 <sup>1</sup>	1956.....	2174,928	
<b>Acetylene (28132):</b>	Value of shipments		Northeast.....	43,300	1955.....	2172,536	
United States, total:			Massachusetts.....	2,032	1954.....	156,262	
1958.....	89,407		New York.....	5,196	1947.....	149,208	
1957.....	95,835		New Jersey.....	8,742		1958 <sup>1</sup>	1954
1956.....	87,956		East North Central.....	37,307	New England.....	11,423	5,582
1955.....	79,158		Ohio.....	13,665	Middle Atlantic.....	126,933	122,321
1954.....	64,550		Illinois.....	9,463	New Jersey.....	77,864	78,500
1953.....	66,808		Michigan.....	4,826	Pennsylvania.....	14,832	( <sup>2</sup> )
1952.....	62,113		West North Central.....	4,375	North Central.....	19,988	16,807
1951.....	57,899		Minnesota.....	1,552	South.....	17,174	11,552
1950.....	49,729		South Atlantic.....	7,347			
1949.....	46,904		Maryland.....	2,881			
1947.....	38,581		West Virginia.....	1,263			
	1958 <sup>1</sup>		East South Central.....	7,280			
New England.....	1,728		Tennessee.....	3,247			

See footnotes at end of table.



for 1958 and 1954, and United States Totals for Selected Years—Continued

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<b>Sulfuric acid (28193)--</b> Continued	1958 <sup>1</sup>	1954	<b>Inorganic acids, except nitric and sulfuric (28194)--Continued</b>	1958 <sup>1</sup>	1954	<b>Chemical catalytic preparations (28198)--</b> Continued	1958 <sup>1</sup>	
New England.....	1,952	2,445	Mountain.....	3,716		East North Central.....	17,953	
Middle Atlantic.....	23,210	26,295	Pacific.....	13,547	9,756	Ohio.....	4,109	
New York and New Jersey...	12,541	( <sup>2</sup> )	California.....	13,281	7,104	Illinois.....	8,415	
Pennsylvania.....	10,669	12,701				South.....	27,138	
North Central.....	43,927	42,206	<b>Potassium and sodium compounds (except bleaches, alkalis, and alums) (28197):</b>	Value of shipments		Pacific.....	2,328	
Ohio.....	9,941	10,746	United States, total:			<b>Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec (28199):</b>	Value of shipments	
Illinois.....	16,453	15,331	1958.....	4324,676		United States, total:		
Michigan.....	5,657	( <sup>2</sup> )	1957.....	4331,881		1958.....	4602,499	
South.....	71,647	70,053	1956.....	4414,459		1957.....	4640,438	
Delaware and Maryland....	13,234	( <sup>2</sup> )	1955.....	4391,244		1956.....	4614,835	
Virginia.....	5,386	( <sup>2</sup> )	1954.....	4275,814		1955.....	4545,078	
Alabama.....	2,297	3,080	1947.....	4145,865		1954.....	4468,463	
Louisiana.....	6,650	( <sup>2</sup> )				1947.....	4224,525	
Oklahoma and Texas.....	25,793	( <sup>2</sup> )						
West.....	29,160	20,249		1958 <sup>1</sup>	1954		1958 <sup>1</sup>	1954
Arizona.....	1,455	( <sup>2</sup> )	New England.....	8,073	3,090	New England.....	7,938	7,075
California.....	16,159	( <sup>2</sup> )	Middle Atlantic.....	91,994	84,846	Middle Atlantic.....	141,382	128,318
<b>Inorganic acids, except nitric and sulfuric (28194):</b>	Value of shipments		New York.....	31,458	29,433	New York.....	46,765	39,029
United States, total:			New Jersey.....	42,095	35,395	New Jersey.....	54,043	56,793
1958.....	4116,892		Pennsylvania.....	18,441	20,017	Pennsylvania.....	40,574	32,496
1957.....	4113,378		North Central.....	117,929	111,643	East North Central.....	120,931	98,789
1956.....	4101,566		Ohio.....	17,919	14,367	Ohio.....	51,621	47,966
1955.....	4095,398		Indiana.....	12,510	( <sup>2</sup> )	Illinois.....	27,076	21,374
1954.....	4078,851		Illinois.....	42,217	41,662	Michigan.....	32,217	25,690
1947.....	4030,071		Michigan.....	28,294	( <sup>2</sup> )	West North Central.....	31,949	20,041
	1958 <sup>1</sup>	1954	South Atlantic.....	24,953	27,876	Kansas.....	5,991	( <sup>2</sup> )
Northeast.....	26,754	19,562	Maryland.....	1,758	1,560	South Atlantic.....	84,669	68,131
New Jersey.....	20,472	12,423	Virginia.....	10,203	13,935	Delaware.....	7,347	( <sup>2</sup> )
Pennsylvania.....	2,384	2,295	East South Central.....	17,573	5,906	Virginia.....	25,882	15,503
East North Central.....	32,340	22,025	Tennessee.....	10,285	( <sup>2</sup> )	West Virginia.....	7,283	( <sup>2</sup> )
Ohio.....	8,356	2,515	West South Central.....	23,017	11,741	Florida.....	9,639	7,551
Illinois.....	14,899	( <sup>2</sup> )	Louisiana.....	8,850	( <sup>2</sup> )	East South Central.....	107,112	61,746
West North Central.....	4,042	1,734	Texas.....	14,167	6,085	West South Central.....	37,152	17,780
South Atlantic.....	11,950	8,899	West.....	41,137	30,712	Texas.....	20,648	9,597
Florida.....	1,535	( <sup>3</sup> )	California.....	33,583	26,526	Mountain.....	43,326	32,444
East South Central.....	10,192	6,714				Pacific.....	28,040	22,401
West South Central.....	14,351	10,161	<b>Chemical catalytic preparations (28198):</b>	Value of shipments		California.....	19,799	( <sup>2</sup> )
Texas.....	7,545	( <sup>2</sup> )	United States, total:					
			Northeast.....	56,179				
			New Jersey.....	8,760				
				5,311				

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28121, New York, Kansas, Maryland, Virginia, Georgia, Kentucky, Alabama, Nevada, Oregon, and California; 28123, New York, Ohio, Kansas, Maryland, Virginia, North Carolina, Georgia, Kentucky, Tennessee, Nevada, Oregon, and California; 28132, Massachusetts, New York, Michigan, Maryland, West Virginia, Kentucky, Louisiana, and Texas; 28133, New York, New Jersey, Pennsylvania, Ohio, Illinois, Michigan, Missouri, Kansas, Virginia, Tennessee, Texas, and California; 28134, Pennsylvania, Indiana, Wisconsin, Missouri, Georgia, Kentucky, Alabama, Washington, and Oregon; 28140, Massachusetts, New York, New Jersey, Indiana, Michigan, Minnesota, West Virginia, Tennessee, Alabama, Louisiana, Texas, and California; 28151, Massachusetts, Indiana, Illinois, Michigan, Missouri, Virginia, South Carolina, Tennessee, Alabama, Louisiana, Texas, Nevada, and California; 28152, Massachusetts, Rhode Island, New York, Ohio, Maryland, West Virginia, North Carolina, and Tennessee; 28162, New Jersey, Ohio, Illinois, Missouri, and Kansas; 28163, Maine, Vermont, Indiana, Missouri, Georgia, Kentucky, Texas, and California; 28181, Iowa, Missouri, Nebraska, Maryland, Kentucky, Tennessee, Alabama, Louisiana, Texas, and California; 28182, Massachusetts, Rhode Island, Connecticut, Indiana, Illinois, Wisconsin, Nebraska, Kansas, Delaware, Maryland, West Virginia, South Carolina, Georgia, Florida, Tennessee, Alabama, Louisiana, Nevada, and Washington; 28183, Rhode Island, Connecticut, Indiana, Michigan, Missouri, North Carolina, Kentucky, Tennessee, Texas, Colorado, Washington, and California; 28184, Connecticut, New York, Pennsylvania, Ohio, Illinois, Michigan, Missouri, West Virginia, Tennessee, Oklahoma, and California; 28185, Connecticut, New York, Pennsylvania, Indiana, Michigan, Kentucky, Louisiana, Texas, and California; 28191, Maine, Massachusetts, New York, Ohio, Indiana, Minnesota, Missouri, Nebraska, Kansas, Virginia, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Arizona, Utah, Nevada, and Washington; 28192, Minnesota, Missouri, Virginia, Tennessee, Louisiana, and Washington; 28193, Massachusetts, New York, New Jersey, Indiana, Kansas, Delaware, Maryland, West Virginia, Tennessee, Arkansas, Oklahoma, Texas, Colorado, and Utah; 28194, New York, Indiana, Michigan, Missouri, Kansas, Delaware, Maryland, Kentucky, Tennessee, Louisiana, and Oklahoma; 28197, Massachusetts, Missouri, Kansas, Delaware, West Virginia, Alabama, Mississippi, Utah, Nevada, and Oregon; 28198, Massachusetts, Indiana, Michigan, Maryland, West Virginia, Kentucky, Tennessee, Louisiana, Texas, and California; 28199, Massachusetts, Rhode Island, Indiana, Minnesota, Iowa, Missouri, Maryland, North Carolina, South Carolina, Georgia, Kentucky, Tennessee, Mississippi, Louisiana, Montana, Idaho, Colorado, Nevada, Washington, and Oregon.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.

<sup>4</sup>The 1958, 1954, and 1947 figures exclude, whereas figures for other years include, the value of inorganic chemicals shipped by plants classified in nonmanufacturing industries.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Basis	Unit of measure	1958			1954			Materials made and consumed in same plant	
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		
					Quantity	Delivered cost			Quantity		Delivered cost
				(quantity)		(\$1,000)	(quantity)	(quantity)		(\$1,000)	(quantity)
	INDUSTRY 2815—ALKALIES AND CHLORINE										
	Materials, containers and supplies, total.....			xxx	xxx	122,715	xxx	xxx	xxx	99,121	xxx
	Inorganic chemicals:										
	Acids, except spent acids:										
281921	Hydrochloric acid.....	100% HCl..	Short tons	12,280	1,566	130	10,714	(NA)	(NA)	(NA)	11,961
281111	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	do....	32,065	32,065	809	...	23,269	23,269	571	...
281931	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> ..	do....	r 53,893	18,340	1,868	r 35,553	(D)	22,624	2,339	(D)
281211	Chlorine.....	do....	do....	287,815	(D)	(D)	298,200	...	...	...	298,200
281231	Sodium carbonate (soda ash)	98-100% Na <sub>2</sub> CO <sub>3</sub> ...	do....	r 844,371	(D)	(D)	(D)	(D)	(D)	(D)	(D)
281221	Sodium hydroxide (caustic soda).....	100% NaOH.	do....	139,310	...	...	139,310	(D)	(D)	(D)	103,288
293231	Organic chemicals: Benzol (Benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	1,000 lbs.	69,121	69,121	3,236	...	49,247	49,247	2,793	...
293211	Used as raw materials: Coke, including breeze.....		Short tons	312,823	312,823	6,018	...	463,017	463,017	7,446	...
970099	All other materials and components, containers, and supplies including materials etc., nsk.....			xxx	xxx	110,654	xxx	xxx	xxx	85,972	xxx
	INDUSTRY 2815—INTERMEDIATE COAL TAR PRODUCTS										
	Materials, containers and supplies, total.....			xxx	xxx	375,594	xxx	xxx	xxx	323,198	xxx
	Inorganic chemicals:										
	Acids, except spent acids:										
281921	Hydrochloric acid.....	100% HCl..	Short tons	18,802	17,371	1,134	1,431	(NA)	(NA)	(NA)	(D)
281923	Hydrofluoric acid.....	100% HF..	do....	354	354	20	...	(NA)	(NA)	(NA)	...
281925	Nitric acid.....	100% HNO <sub>3</sub> ..	do....	168,425	21,001	1,797	r 147,424	(NA)	(NA)	(NA)	(D)
281111	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	do....	r 429,593	118,415	3,568	r 311,178	517,961	209,878	4,895	308,083
281931	Ammonia, synthetic, anhydrous.....	100% Cl <sub>2</sub> ..	do....	87,483	87,483	6,285	...	(D)	58,681	5,579	(D)
281211	Chlorine.....	100% Cl <sub>2</sub> ..	do....	144,074	(D)	(D)	(D)	253,307	48,113	3,002	205,194
281919	Phosphorus, elemental.....	100% .....	do....	(D)	(D)	(D)	...	(NA)	(NA)	(NA)	...
281231	Sodium carbonate (soda ash)	98-100% Na <sub>2</sub> CO <sub>3</sub> ...	do....	32,508	32,508	1,377	...	36,514	36,514	1,507	...
281221	Sodium hydroxide (caustic soda).....	100% NaOH.	do....	132,361	(D)	(D)	(D)	(D)	91,003	5,802	(D)
282923	Organic chemicals: Alcohol, ethyl, denatured..			(NA)	(NA)	2,425	(D)	(NA)	(NA)	751	(D)
282925	Alcohols, amyl, butyl, methyl, propyl.....		1,000 gals.	(D)	(NA)	5,247	(D)	(D)	4,561	1,600	(D)
282211	Aniline.....	100% .....	1,000 lbs.	59,391	20,429	3,849	38,962	51,588	9,610	1,864	41,978
293231	Benzol (Benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	do....	1,126,623	1,054,991	49,848	71,632	913,405	850,045	52,452	63,360
282221	Chlorobenzene.....	100% .....	do....	5,724	5,724	509	...	(D)	9,582	1,099	(D)
282945	Ethylene glycol.....	100% .....	do....	16,872	(D)	(D)	(D)	624	624	93	...
282951	Formaldehyde.....	37% HCHO..	do....	(D)	53,522	1,182	(D)	39,944	39,944	1,489	...
282151	Napthalene, grades of 77.5° C or higher.....		do....	243,088	169,346	10,478	73,742	(D)	138,456	7,563	(D)
282241	Nitrobenzene.....	100% .....	do....	124,487	2,181	215	122,306	115,899	3,530	392	112,369
282251	Phenol.....	100% .....	do....	25,459	9,052	1,624	16,407	(D)	11,315	1,631	(D)
282261	Phthalic anhydride.....	100% .....	do....	37,089	23,916	3,707	13,173	(D)	6,700	1,311	(D)
	Crude materials:										
147711	Sulfur, crude.....		Long tons.	164,539	164,539	4,117	xxx	119,133	119,133	4,128	xxx
333311	Zinc and zinc-base alloy refinery shapes.....		Short tons	319	319	78	xxx	(D)	(D)	(D)	xxx
	Used as raw materials:										
291131	Fuel oil.....		42 gal. barrels..	(NA)	(NA)	72	...	142,240	142,240	379	xxx
970099	All other materials and components, parts, containers and supplies consumed.....			xxx	xxx	257,998	xxx	xxx	xxx	xxx	xxx
973000	Materials, containers and supplies, nsk.....			xxx	xxx	20,064	xxx	xxx	xxx	xxx	xxx
	INDUSTRY 2818—ORGANIC CHEMICALS, NEC										
	Materials, containers and supplies, total.....			xxx	xxx	1,238,614	xxx	xxx	xxx	946,279	xxx
	Inorganic chemicals:										
	Acids, except spent acids:										
281921	Hydrochloric acid.....	100% HCl..	Short tons	280,822	71,957	2,947	208,865	(NA)	(NA)	(NA)	265,564
281923	Hydrofluoric acid.....	100% HF..	do....	33,337	15,201	5,524	18,136	(NA)	(NA)	(NA)	(D)
281925	Nitric acid.....	100% HNO <sub>3</sub> ..	do....	r 238,580	(D)	(D)	(D)	(NA)	(NA)	(NA)	(D)
281927	Phosphoric acid.....	50% H <sub>3</sub> PO <sub>4</sub> ..	do....	(NA)	(NA)	474	...	(NA)	(NA)	(NA)	...
281111	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	do....	r 795,773	483,665	10,277	r 312,108	610,122	428,078	9,134	182,044

See footnotes at end of table.

Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Basis	Unit of measure	1958				1954			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost			Quantity	Delivered cost	
				(quantity)		(\$1,000)	(quantity)	(quantity)		(\$1,000)	(quantity)
	INDUSTRY 2818—ORGANIC CHEMICALS, NEC—Continued										
281931	Inorganic chemicals—Continued										
	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> ..	Short tons	404,733	141,069	11,560	263,664	(D)	82,036	7,973	(D)
281211	Chlorine.....	.....do....	.....do....	1,814,943	863,326	51,529	951,617	1,314,838	662,127	36,807	652,711
281231	Sodium carbonate (soda ash)	98-100% Na <sub>2</sub> CO <sub>3</sub> ...	.....do....	38,835	(D)	(D)	(D)	35,125	35,125	1,259	...
281221	Sodium hydroxide (caustic soda).....	100% NaOH.	.....do....	889,498	(D)	(D)	(D)	489,317	212,872	11,561	276,445
	Organic chemicals:										
282921	Alcohol, ethyl, pure.....	.....do....	.....do....	(D)	(NA)	3,724	(D)	(NA)	(NA)	2,587	(NA)
282923	Alcohol, ethyl, denatured..	.....do....	.....do....	(D)	(NA)	28,546	(D)	(NA)	(NA)	15,594	(NA)
282925	Alcohols, amyl, butyl, methyl, propyl.....	.....do....	1,000 gals.	170,986	86,781	23,440	84,205	198,414	66,671	19,193	131,743
282211	Aniline.....	100%.....	1,000 lbs.	37,290	23,705	4,244	13,585	(D)	25,555	5,042	(D)
293231	Benzol (Benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	.....do....	(D)	784,657	37,590	(D)	(D)	444,261	28,637	(D)
282221	Chlorobenzene.....	100%.....	.....do....	(D)	27,530	1,996	(D)	(D)	43,168	3,429	(D)
282945	Ethylene glycol.....	100%.....	.....do....	(D)	54,184	3,875	(D)	(NA)	(NA)	(NA)	(NA)
282951	Formaldehyde.....	37% HCHO..	.....do....	320,876	61,573	2,525	259,303	508,488	108,942	3,636	399,546
282251	Phenol.....	100%.....	.....do....	(D)	98,485	15,406	(D)	38,287	38,287	5,586	xxx
282261	Phthalic anhydride.....	100%.....	.....do....	(D)	55,147	12,008	(D)	(D)	46,435	9,475	(D)
	Crude materials:										
147711	Sulfur, crude.....	.....do....	Long tons.	274,804	274,804	8,287	xxx	328,639	328,639	11,675	xxx
	Used as raw materials:										
293211	Coke, including breeze.....	.....do....	Short tons	223,023	223,023	3,213	xxx	(NA)	(NA)	(NA)	xxx
291131	Fuel oil.....	.....do....	.....do....	(NA)	(NA)	691	xxx	(NA)	(NA)	(NA)	xxx
131311	Natural gas.....	.....do....	Million cu. ft...	79,917	79,917	15,169	xxx	26,337	26,337	3,677	xxx
970099	All other materials and components, parts, containers, and supplies consumed.....	.....do....	.....do....	xxx	xxx	969,202	xxx	xxx	xxx	xxx	xxx
973000	Materials, containers and supplies, nsk.....	.....do....	.....do....	xxx	xxx	26,387	xxx	xxx	xxx	xxx	xxx
	INDUSTRY 2819—INORGANIC CHEMICALS, NEC										
	Materials, containers and supplies, total.....	.....do....	.....do....	xxx	xxx	855,603	xxx	xxx	xxx	594,280	xxx
	Inorganic chemicals, nec:										
	Acids, except spent acids:										
281921	Hydrochloric acid.....	100% HCl..	Short tons	(NA)	(NA)	1,598	(NA)	(NA)	(NA)	(NA)	(D)
281923	Hydrofluoric acid.....	100% HF.....	.....do....	31,118	14,783	5,368	16,335	(NA)	(NA)	(NA)	(D)
281925	Nitric acid.....	100% HNO <sub>3</sub> .	.....do....	1,576,675	24,082	1,389	1,552,593	(NA)	(NA)	(NA)	1,392,099
281927	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> .	.....do....	622,661	(D)	(D)	(D)	(NA)	(NA)	(NA)	(D)
281111	Sulfuric acid.....	100% H <sub>2</sub> SO <sub>4</sub>	.....do....	2,127,693	1,176,490	23,187	951,203	1,757,593	752,889	16,231	1,004,704
281931	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> ..	.....do....	1,572,478	196,375	15,033	1,376,103	1,334,502	166,414	14,827	1,168,088
281211	Chlorine.....	.....do....	.....do....	268,787	85,168	6,209	183,619	208,654	93,447	6,580	115,207
281919	Phosphorus, elemental.....	100%.....	.....do....	207,818	196,007	58,118	11,811	(NA)	(NA)	(NA)	14,656
281231	Sodium carbonate (soda ash)	98-100% Na <sub>2</sub> CO <sub>3</sub> ...	.....do....	1,207,593	1,207,593	43,967	...	(D)	1,178,219	138,776	(D)
281221	Sodium hydroxide (caustic soda).....	100% NaOH.	.....do....	321,170	273,990	15,420	47,180	293,668	238,432	12,145	55,236
	Organic chemicals:										
282923	Alcohol, ethyl, denatured..	.....do....	.....do....	(NA)	(NA)	1,030	...	(NA)	(NA)	302	(NA)
282925	Alcohols, amyl, butyl, methyl, propyl.....	.....do....	.....do....	(NA)	(NA)	945	(D)	(NA)	(NA)	238	(NA)
293231	Benzol (Benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	1,000 lbs.	18,159	18,159	899	...	(NA)	1,793	105	(NA)
	Crude materials: <sup>2</sup>										
105111	Bauxite.....	.....do....	Short tons	7,354,862	7,354,862	102,788	xxx	6,645,661	6,645,661	79,344	xxx
147991	Pyrites.....	.....do....	Long tons.	552,141	552,141	5,331	xxx	561,187	561,187	5,608	xxx
147711	Sulfur, crude.....	.....do....	.....do....	1,489,956	1,489,956	41,925	xxx	1,559,960	1,559,960	51,205	xxx
281151	Sulfuric acid sludge (decomposition acid).....	100% H <sub>2</sub> SO <sub>4</sub>	Short tons	1,182,800	1,182,800	7,341	xxx	569,082	569,082	4,678	xxx
333311	Zinc and zinc-base alloy refinery shapes.....	.....do....	.....do....	(NA)	(NA)	1,885	xxx	8,773	8,773	1,509	xxx
	Used as raw materials:										
121111	Bituminous coal and lignite	.....do....	.....do....	405,154	405,154	2,031	xxx	xxx	xxx	547	xxx
293211	Coke, including breeze.....	.....do....	.....do....	728,860	728,860	12,449	xxx	1,078,782	1,078,782	13,989	xxx
131311	Natural gas.....	.....do....	Million cu. ft...	59,500	59,500	16,781	xxx	56,811	56,811	12,046	xxx
970099	All other materials and components, parts, containers and supplies consumed.....	.....do....	.....do....	xxx	xxx	447,354	xxx	xxx	xxx	xxx	xxx
973000	Materials, containers and supplies, nsk.....	.....do....	.....do....	xxx	xxx	44,555	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing the figures of individual companies.

NA Not available

<sup>1</sup>Excludes soda ash consumed by plants classified in old Industry 2811, Sulfuric Acid, in 1954. Cost for soda ash consumed by these plants is included in "All other materials."<sup>2</sup>Excludes quantities of sulfur derived from other sources such as copper pyrites, hydrogen sulfide and smelter gas.



Table 8—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2812	ALKALIES AND CHLORINE (entire industry)	34	20,476	115,024	13,905	28,440	75,079	306,187	198,257	504,309	27,871
	Establishments with:										
	90% or more specialization.....	15	5,919	31,318	4,062	8,230	22,088	72,626	59,776	132,184	8,292
28122	Sodium carbonate (primary product class of estab.).....	8	12,411	68,594	8,291	16,963	44,810	142,280	101,048	243,377	6,679
28123	Sodium hydroxide (primary product class of estab.).....	19	7,074	40,621	4,940	10,075	26,500	133,769	84,110	218,287	15,530
2813	INDUSTRIAL GASES (entire industry).....	491	10,642	56,661	5,813	12,668	30,576	174,249	103,466	277,441	41,761
28132	Acetylene (primary product class of estab.).....	137	2,155	11,171	1,268	2,702	6,644	29,314	43,399	72,200	2,532
	Establishments with:										
	90% or more specialization....	126	1,890	9,852	1,143	2,411	5,951	23,358	40,035	64,890	1,789
28133	Carbon dioxide (primary product class of estab.).....	56	1,443	7,573	752	1,617	3,755	28,542	6,150	34,809	4,559
	Establishments with:										
	90% or more specialization....	56	1,443	7,573	752	1,617	3,755	28,542	6,150	34,809	4,559
28134	Elemental gases and compressed and liquefied gases, nec (primary product class of estab.).....	288	6,664	35,719	3,548	7,757	18,628	113,253	50,774	164,137	34,621
	Establishments with:										
	90% or more specialization....	214	4,418	24,270	2,544	5,486	13,742	84,341	30,909	115,487	28,349
	75-89% specialization.....	11	502	2,459	214	482	1,086	7,363	4,646	11,938	2,137
2814	CYCLOC (COAL TAR CRUDES) (entire industry).....	45	2,084	12,008	1,677	3,482	9,025	29,993	86,200	116,972	4,036
	Establishments with:										
	90% or more specialization.....	31	631	3,616	475	961	2,420	9,703	29,095	39,078	443
2815	INTERMEDIATE COAL TAR PRODUCTS (entire industry).....	115	26,218	155,411	17,930	35,503	97,263	373,106	438,616	817,387	73,919
	Establishments with:										
	90% or more specialization.....	71	5,159	28,516	3,694	7,394	17,922	60,707	79,898	139,623	23,253
	75-89% specialization.....	16	5,595	34,355	3,482	6,925	19,547	86,510	81,384	169,115	19,851
28151	Cyclic (coal tar) intermediates (primary product class of estab.)..	44	14,673	89,152	10,275	20,340	57,430	242,465	291,720	534,111	44,451
	Establishments with:										
	90% or more specialization....	15	672	3,942	462	982	2,467	8,964	14,700	23,004	828
	75-89% specialization.....	9	2,351	15,887	1,378	2,726	8,142	43,687	43,754	85,939	17,254
28152	Synthetic organic dyes (primary product class of estab.).....	39	6,912	39,875	4,757	9,406	25,145	88,425	87,415	179,614	24,790
	Establishments with:										
	90% or more specialization....	27	1,917	10,332	1,440	2,810	6,780	26,894	28,429	55,612	914
	75-89% specialization.....	4	710	4,000	504	1,005	2,548	5,801	6,253	11,384	19,704
28153	Synthetic organic pigments, lakes, toners (primary product class of estab.).....	24	4,575	26,068	2,863	5,688	14,510	41,671	57,990	101,640	4,659
	Establishments with:										
	90% or more specialization....	15	969	5,228	618	1,270	2,922	8,573	15,264	23,702	657
2816	INORGANIC PIGMENTS (entire industry)...	99	11,368	61,867	7,958	15,980	40,949	235,658	172,162	417,673	25,653
	Establishments with:										
	90% or more specialization.....	77	8,598	47,427	6,025	12,115	31,986	204,921	126,127	340,181	23,761
	75-89% specialization.....	6	755	3,722	485	940	2,110	6,144	11,315	17,223	1,389
28161	Titanium pigments (primary product class of estab.).....	9	5,618	33,094	3,875	7,774	22,381	168,717	62,265	237,707	21,428
28162	Other white opaque pigments (primary product class of estab.).....	15	1,463	6,988	1,050	2,076	4,707	18,591	27,092	47,369	1,699
	Establishments with:										
	90% or more specialization....	8	919	4,203	637	1,272	2,758	12,290	13,785	27,467	1,465
28163	Chrome colors and other inorganic pigments (primary product class of estab.).....	70	4,141	21,230	2,903	5,872	13,429	47,361	82,394	131,234	2,511
	Establishments with:										
	90% or more specialization....	53	1,756	8,623	1,260	2,549	5,649	21,033	35,104	56,278	733
	75-89% specialization.....	6	749	3,744	497	1,001	2,209	5,050	16,256	22,089	1,330
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC (entire industry).....	334	77,442	508,433	51,966	103,917	312,380	1,671,723	1,424,138	3,097,963	310,811
	Establishments with:										
	90% or more specialization.....	216	17,678	113,296	11,730	23,229	69,249	394,440	367,762	763,670	66,811
	75-89% specialization.....	37	14,976	97,187	10,396	20,603	62,752	308,006	310,467	616,968	119,725

See footnotes at end of table.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
	INDUSTRIAL ORGANIC CHEMICALS, NEC—Continued										
28181	Miscellaneous cyclic chemical products (primary product class of estab.).... Establishments with:	29	1,279	7,441	889	1,800	4,483	30,185	29,527	59,697	4,078
	90% or more specialization.....	14	344	1,997	220	449	1,100	5,615	5,816	11,555	211
28182	Miscellaneous acyclic chemicals and chemical products (primary product class of estab.)..... Establishments with:	118	62,021	418,628	41,332	82,631	255,873	1,432,419	1,094,885	2,525,926	286,528
	90% or more specialization...	54	11,572	79,220	7,587	15,007	48,399	292,510	221,710	510,068	52,941
	75-89% specialization.....	18	8,662	58,274	5,721	11,284	35,605	184,746	171,055	358,915	74,133
28183	Synthetic organic chemicals, nec (except bulk surface active agents) (primary product class of estab.).. Establishments with:	51	8,481	51,547	6,058	12,213	33,633	129,980	196,803	327,898	12,727
	90% or more specialization...	24	640	3,821	404	855	2,113	9,254	19,970	29,447	3,558
	75-89% specialization.....	7	549	3,387	367	770	2,145	12,720	14,172	26,860	1,000
28184	Pesticides and other organic agricultural chemicals (primary product class of estab.)..... Establishments with:	17	2,303	13,242	1,464	3,027	8,104	47,232	50,076	97,875	4,252
	90% or more specialization...	11	354	1,910	249	504	1,176	8,098	13,833	22,528	577
28185	Ethyl alcohol and other industrial organic chemicals, nec (primary product class of estab.)..... Establishments with:	76	2,807	15,132	1,822	3,543	8,664	28,150	44,160	74,044	2,477
	90% or more specialization...	57	944	5,270	653	1,291	3,265	12,030	15,101	29,042	907
	75-89% specialization.....	5	594	3,199	397	761	2,053	7,174	6,461	12,959	889
2819	INORGANIC CHEMICALS, NEC (entire industry) <sup>1</sup> ..... Establishments with:	580	89,874	550,279	58,395	118,720	327,168	1,468,854	1,288,667	2,754,427	129,375
	90% or more specialization <sup>2</sup> .....	462	32,336	183,910	23,584	48,374	125,063	595,697	686,907	1,302,609	87,129
	75-89% specialization <sup>2</sup> .....	40	7,762	44,536	5,494	10,961	28,679	140,778	126,584	262,367	12,116
28191	Synthetic ammonia, nitric acid and ammonium compounds (primary product class of estab.)..... Establishments with:	37	10,604	61,169	7,512	15,394	40,855	202,775	132,108	331,016	26,033
	90% or more specialization...	18	3,769	23,073	2,592	5,434	15,130	79,845	56,935	132,404	14,554
	75-89% specialization.....	6	3,237	17,355	2,474	4,876	12,425	63,172	30,567	98,331	5,409
28192	Chlorine and other bleaching compounds (primary product class of estab.)..... Establishments with:	133	2,379	12,451	1,658	3,244	7,696	47,232	63,463	110,718	1,911
	90% or more specialization...	109	1,383	6,309	945	1,877	4,324	33,762	48,721	82,308	1,034
	75-89% specialization.....	8	90	347	63	108	216	937	1,577	2,526	229
28193	Sulfuric acid (primary product class of estab.)..... Establishments with:	52	4,196	22,942	3,132	6,112	15,919	88,263	92,050	181,305	17,856
	90% or more specialization...	34	1,380	7,258	993	1,943	4,876	34,140	28,699	62,984	12,653
	75-89% specialization.....	3	138	834	104	223	567	4,094	2,961	7,055	19
28194	Inorganic acids, except nitric and sulfuric (primary product class of estab.)..... Establishments with:	10	772	5,143	557	1,068	3,281	16,019	16,808	33,017	2,611
	90% or more specialization...	4	132	655	113	195	506	1,319	2,521	3,838	1,338
28195 and 28196	Aluminum oxide and other aluminum compounds (primary product class of estab.)..... Establishments with:	46	6,080	37,226	4,553	9,364	26,566	111,396	184,034	296,246	15,249
	90% or more specialization...	39	5,053	31,042	3,861	7,953	22,556	97,910	169,252	266,927	14,651
28197	Potassium and sodium compounds (except bleaches, alkalies, and alums) (primary product class of estab.)..... Establishments with:	55	9,505	56,540	6,928	14,252	38,477	159,210	216,993	375,800	29,693
	90% or more specialization...	29	1,643	8,886	1,293	2,686	6,503	28,346	36,732	65,252	1,046
	75-89% specialization.....	12	2,167	14,017	1,470	2,983	8,682	38,728	60,786	99,259	11,104
28198	Chemical catalytic preparations (primary product class of estab.)..	18	856	4,794	599	1,203	3,118	16,919	21,524	38,300	1,655
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec (primary product class of estab.)..... Establishments with:	163	19,309	109,690	13,345	27,720	69,121	285,515	321,240	628,579	34,028
	90% or more specialization...	112	6,791	37,232	5,298	11,080	26,416	134,341	134,056	287,724	20,094
	75-89% specialization.....	15	2,371	13,396	1,580	3,279	8,093	40,712	44,556	84,640	3,559

<sup>1</sup>Includes data for Government-owned, privately operated establishments. Refer to footnotes 5 and 6 of table 3 for explanation of inclusion of data for value added, cost of materials, and value of shipments for these establishments.

<sup>2</sup>Excludes data for Government-owned, privately operated establishments.



# Plastics Materials and Synthetic Resins, Synthetic Rubber, Synthetic and Other Man-Made Fibers, Except Glass

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

2821—Plastics Materials, Synthetic Resins, and Non-vulcanizable Elastomers

2822—Synthetic Rubber (Vulcanizable Elastomers)

2823—Cellulosic Man-Made Fibers

2824—Synthetic Organic Fibers, Except Cellulosic

## 2821—Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers.

This industry comprises establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins, including polyamid resins, silicones, polyisobutylenes, polyesters; vulcanized fiber; casein plastics; and regenerated cellulose. This classification does not include nonchemical manufacturers who merely purchase resin or plastics materials to produce fabricated plastics products, film, and sheets which are classified in Industry 3079. For a detailed list of products of Industry 2821, refer to table 6A, product codes 2821100 to 2821598.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2821 from code number 2823 in the previous classification system but were only slightly changed as to content. Nylon monofilaments (polyamide) (bristles, sutures, leaders, etc.) formerly classified in Industry 2825, Synthetic Fibers Industry are included in Industry 2821, Plastics Materials.

Value of shipments and other receipts of the Plastics Materials Industry in 1958 totaled \$1,847 million. This included shipments of plastics materials (primary products), valued at \$1,556 million, shipments of other products (secondary products) valued at \$261 million, and miscellaneous receipts of \$29 million.

This industry's shipments of plastics materials (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 90 percent. Secondary products shipped by this industry in 1958 consisted mainly of intermediate coal tar products, \$15 million; organic chemicals, n.e.c., \$98 million; inorganic chemicals, n.e.c., \$11 million; synthetic rubber, \$26 million; petroleum refining, \$15 million; and plastics products, n.e.c., \$16 million.

Industry 2821 shipments of plastics materials (primary products) in 1958 represented 71 percent (coverage ratio) of these products valued at \$2,202 million shipped by all industries. In 1954, the coverage ratio was 75 percent.

Other industries shipping plastics materials (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C., \$215 million; and Industry 3079, Plastics Products, N.E.C., \$233 million.

## 2822—Synthetic Rubber (Vulcanizable Elastomers)

This industry comprises establishments primarily engaged in manufacturing synthetic rubber by polymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in Industry 2821. Chlorinated rubber and cyclized rubbers are considered as semifinished products, and are classified in Industry 3069. For a detailed list of products of Industry 2822, refer to table 6A, product codes 2822011 and 2822051.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2822 from code number 2824 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Synthetic Rubber Industry in 1958 totaled \$536 million. This included shipments of synthetic rubber (primary products), valued at \$502 million, shipments of other products (secondary products) valued at \$26 million, and miscellaneous receipts (mainly resales) of \$8 million.

This industry's shipments of synthetic rubber (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 98 percent. Secondary products shipped by this industry in 1958 consisted mainly of intermediate coal tar products, and organic chemicals, n.e.c.

Industry 2822 shipments of synthetic rubber (primary products) in 1958 represented 83 percent (coverage ratio) of these products valued at \$604 million shipped by all industries. In 1954, the coverage ratio was 90 percent. Other industries shipping synthetic rubber (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C., \$32 million; and Industry 2821, Plastics Materials, \$26 million.

Detailed product statistics for synthetic rubbers based upon chemical composition are compiled and published by the United States Tariff Commission. Whereas the quantity figures reported to the Tariff Commission do not include the weight of the carbon black included in the rubber, Census figures show the unduplicated quantities produced and shipped with and without carbon black. Monthly data showing production, consumption, and stocks of synthetic rubbers by kind are published by the Bureau of the Census in cooperation with the Business and Defense Services Administration, United States Department of Commerce.



### 2823--Cellulosic Man-Made Fibers

This industry comprises establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229. For a detailed list of products of Industry 2823, refer to table 6A, product codes 28231--to 2823298.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2823 and represent part of code number 2825 in the previous classification system.

Value of shipments and other receipts of the Cellulosic Man-Made Fibers Industry in 1958 totaled \$723 million. This included shipments of cellulosic man-made fibers (primary products), valued at \$583 million, shipments of other products (secondary products) valued at \$133 million, and miscellaneous receipts of \$7 million.

This industry's shipments of cellulosic man-made fibers (primary products) in 1958 represented 81 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of regenerated cellulosic products, except rayon, and organic fibers, noncellulosic.

Industry 2823 shipments of cellulosic man-made fibers (primary products) in 1958 represented 100 percent (cov-

erage ratio) of these products valued at \$583 million shipped by all industries.

### 2824--Synthetic Organic Fibers, Except Cellulosic

This industry comprises establishments primarily engaged in manufacturing synthetic organic fibers except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229.

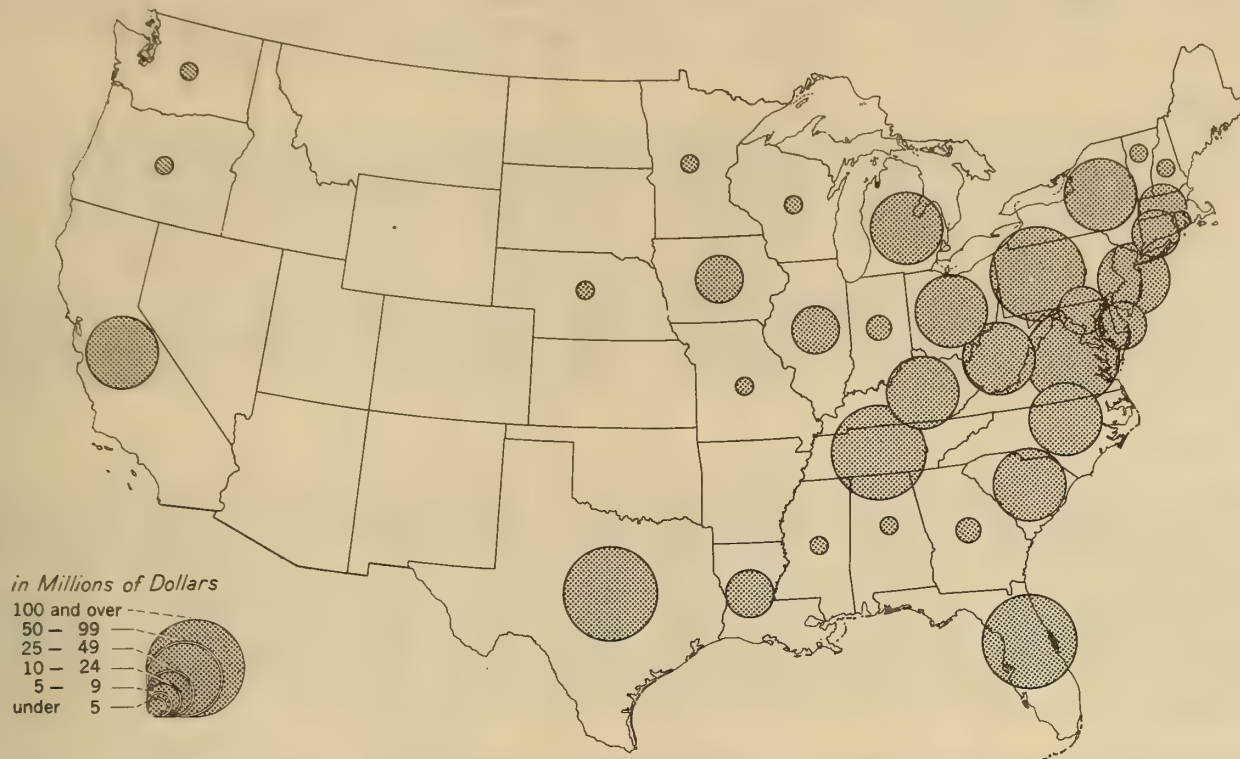
The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2824, and represented part of code number 2825 in the previous classification system.

Value of shipments and other receipts of the Organic fibers, noncellulosic industry in 1958 totaled \$688 million. Shipments of organic fibers, noncellulosic by all industries in 1958 totaled \$748 million. Total shipments of Industries 2823 and 2824 were \$1,411 million in 1958, compared with \$1,242 million in 1954. Shipments by all industries of cellulosic man-made fibers, and organic fibers, noncellulosic, totaled \$1,331 million in 1958, as against \$1,202 million in 1954.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.



PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER,  
SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS: SIC 282  
Value Added by Manufacture by State: 1958



Includes Industries 2821, 2822, 2823 and 2824. See Table 2.

Bureau of the Census M-58-D282

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2821 (old SIC 2823)	Plastics materials:														
	1958.....	279	349	196	51,003	308,212	35,305	72,035	189,321	871,956	972,977	1,846,667	138,601	84	71
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	52,608	296,788	36,623	74,295	183,074	835,439	959,783	1,775,246	135,680	86	75
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	50,394	273,395	35,639	72,649	171,687	759,840	918,773	1,651,320	166,351	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	44,003	225,223	31,175	64,675	143,956	723,357	789,540	1,498,488	114,862	(NA)	(NA)
	1954.....	149	206	127	41,145	201,487	28,388	57,441	122,188	585,845	668,383	1,254,523	108,058	90	75
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	43,017	200,088	31,333	65,029	131,332	562,854	691,648	1,254,502	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	37,179	168,022	26,758	56,681	108,543	472,899	600,346	1,073,245	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	37,280	155,987	27,469	56,331	103,057	472,583	607,887	1,080,470	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	30,023	114,577	22,387	46,076	76,530	385,801	406,029	791,830	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	29,174	106,683	21,403	(NA)	70,239	267,170	324,904	592,074	(NA)	(NA)	(NA)
	1947.....	94	123	79	28,627	91,397	21,810	46,250	63,295	197,558	280,773	478,331	58,386	92	77
	1939 <sup>9</sup> .....	(NA)	41	(NA)	(NA)	(NA)	7,191	(NA)	10,111	39,742	43,582	83,324	(NA)	(NA)	(NA)
	1937 <sup>10</sup> .....	(NA)	34	(NA)	(NA)	(NA)	7,283	(NA)	9,482	31,242	35,713	66,955	(NA)	(NA)	(NA)
2822 (old SIC 2824)	Synthetic rubber:														
	1958.....	13	18	17	9,252	60,909	6,223	12,533	37,648	197,866	340,970	536,348	15,879	95	83
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	10,402	63,990	7,294	14,531	41,767	230,121	382,421	608,790	41,304	(NA)	(NA)
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,795	57,577	6,999	14,221	37,874	222,083	369,560	579,119	39,608	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	8,612	46,141	6,351	12,482	31,639	201,325	303,998	515,131	11,001	(NA)	(NA)
	1954.....	13	21	21	8,531	44,502	6,178	12,217	30,214	142,518	208,592	361,565	13,760	98	90
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,952	50,007	7,590	15,047	34,813	150,992	291,337	442,329	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,758	46,339	7,457	15,330	33,511	167,890	312,004	479,894	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	9,893	43,469	7,597	15,745	31,354	138,327	345,760	484,087	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	5,855	24,238	4,557	9,064	17,632	109,081	137,469	246,550	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	5,605	(NA)	4,397	(NA)	(NA)	64,787	119,667	184,454	(NA)	(NA)	(NA)
	1947 <sup>10</sup> .....	5	20	20	7,663	25,774	5,721	11,262	18,381	97,356	137,844	235,200	(NA)	96	89
2823	Cellulosic man-made fibers:														
	1958.....	10	26	26	42,597	211,513	31,753	62,466	141,001	390,310	322,305	722,818	42,619	81	100
2824	Organic fibers, non-cellulosic:														
	1958.....	9	14	14	18,684	102,742	12,899	26,025	61,864	439,638	243,657	688,365	28,638	(D)	(D)
2823 2824 (old SIC 2825)	Cellulosic man-made fibers plus organic fibers, non-cellulosic: <sup>11</sup>														
	1958.....	(NA)	40	40	61,281	314,255	44,652	88,491	202,865	829,948	565,962	1,411,183	71,257	(NA)	(NA)
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	65,042	318,757	49,413	96,400	212,270	850,836	629,940	1,456,583	137,936	95	98
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	64,286	295,305	49,621	96,091	202,370	809,885	561,509	1,364,370	67,068	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	63,695	281,980	50,418	99,678	198,575	905,099	581,018	1,479,385	22,890	(NA)	(NA)
	1954.....	20	46	44	61,105	261,753	45,894	89,959	174,376	698,680	524,789	1,242,024	62,751	96	99
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	71,861	289,620	53,636	104,043	194,730	708,245	542,947	1,251,192	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	64,623	255,775	48,340	96,091	174,648	703,977	498,107	1,191,882	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	72,899	264,817	56,191	109,584	186,470	711,395	502,653	1,203,846	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	71,880	242,156	55,503	109,303	171,947	716,854	416,905	1,123,557	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	67,358	215,709	52,712	(NA)	164,508	518,639	369,573	920,106	(NA)	(NA)	(NA)
	1947.....	22	38	35	69,683	199,910	57,857	116,820	150,380	433,285	262,615	705,271	(NA)	97	98
	1939.....	(NA)	30	(NA)	55,471	75,248	48,332	(NA)	60,030	168,606	78,460	247,066	(NA)	(NA)	(NA)
	1937.....	(NA)	33	(NA)	60,270	76,870	55,098	(NA)	65,291	174,081	80,616	254,697	(NA)	(NA)	(NA)
	1935.....	(NA)	32	(NA)	54,157	58,617	50,550	(NA)	50,693	120,647	64,513	185,160	(NA)	(NA)	(NA)
	1933.....	(NA)	34	(NA)	46,701	43,708	44,306	(NA)	38,613	112,901	44,031	156,932	(NA)	(NA)	(NA)
	1931.....	(NA)	32	(NA)	(NA)	(NA)	38,735	(NA)	38,231	96,451	36,181	132,632	(NA)	(NA)	(NA)
	1929.....	(NA)	29	(NA)	41,384	50,466	39,106	(NA)	44,697	116,211	33,335	149,546	(NA)	(NA)	(NA)
	1927.....	(NA)	19	(NA)	27,696	32,643	26,341	(NA)	28,649	84,140	25,748	109,888	(NA)	(NA)	(NA)
	1925.....	(NA)	14	(NA)	20,097	25,448	19,128	(NA)	22,976	69,583	18,478	88,061	(NA)	(NA)	(NA)
	1923 <sup>10</sup> .....	(NA)	8	(NA)	(NA)	(NA)	14,401	16,384	46,958	12,094	59,052	(NA)	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

Footnotes continued on next page.



Footnotes for Table 1—28B

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)	Industry Code	Value Added (\$1,000)
2821	583,324	2823 }	717,226
2822	152,906	2824 }	

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)		Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954		1958	1954
2821	951,315	643,224	2823	320,751 }	523,713
2822	334,772	208,187	2824	243,417 }	

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)		Industry Code	Value of Shipments (\$1,000)	
	1958	1954		1958	1954
2821	1,822,534	1,231,448	2823	721,181 }	1,240,942
2822	529,212	361,093	2824	688,121 }	

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$37.1 million for "Plastics materials."

<sup>10</sup>No comparable figures are available for earlier years.

<sup>11</sup>The two industries shown above were a single industry in 1957 and earlier years. They are shown combined so that historical data may be presented.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital ex- pend- itures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2821	Plastics materials, total.....	349	196	51,003	308,212	35,305	72,035	189,321	871,956	1,846,667	138,601	41,145	583,224	28,627
	New England.....	42	27	5,673	32,404	3,807	7,804	20,085	71,370	201,092	10,106	4,096	57,885	3,734
	Massachusetts...	25	18	3,689	21,493	2,455	5,020	12,960	38,414	128,791	5,938	3,096	36,110	3,210
	Middle Atlantic...	120	67	19,726	120,388	12,800	26,295	69,542	265,872	617,927	47,103	17,379	236,168	14,681
	New York.....	42	23	4,837	30,594	3,440	6,983	19,307	74,414	149,141	9,700	4,319	57,636	2,034
	New Jersey.....	56	30	6,978	42,175	4,531	9,185	24,147	86,681	227,214	14,255	6,763	80,748	8,827
	Pennsylvania.....	22	14	7,911	47,619	4,829	10,127	26,088	104,777	241,572	23,148	6,296	97,784	3,820
	East North Central	74	40	9,120	56,167	6,974	14,052	38,954	186,344	360,625	21,829	(NA)	(NA)	(NA)
	Ohio.....	25	15	2,604	15,756	1,839	3,845	10,735	51,817	116,928	7,478	1,656	23,695	414
	Illinois.....	22	12	1,607	10,207	1,011	2,001	5,384	47,753	85,193	5,463	644	14,725	93
	Wisconsin.....	6	4	419	2,501	325	723	1,551	4,769	11,870	(2)	423	3,757	(D)
	West North Central	9	6	1,659	9,538	1,183	2,388	6,124	34,809	58,588	1,847	(NA)	(NA)	(NA)
	South and West....	104	56	14,825	89,715	10,541	21,496	54,616	313,561	608,465	57,716	12,602	179,351	7,435
	Delaware.....	10	6	525	2,240	409	781	1,528	4,692	9,998	(2)	(3)	(3)	(3)
	North Carolina....	6	3	817	4,266	619	1,245	2,709	13,559	29,180	(2)	832	12,195	(D)
	Florida.....	6	2	112	560	73	163	351	1,811	4,799	(2)	(3)	(3)	(3)
	Tennessee.....	4	4	3,048	19,418	2,156	4,201	11,648	50,839	98,131	4,560	2,985	39,974	(D)
	Texas.....	10	8	1,848	11,648	1,288	2,569	7,668	64,481	95,293	23,571	2,781	61,609	...
	California.....	39	16	1,293	8,076	772	1,604	4,239	45,831	83,766	1,439	683	7,731	(D)
2822	Synthetic rubber, total.....	18	17	9,252	60,909	6,223	12,533	37,648	197,866	536,348	15,879	8,531	152,906	7,663
	Northeast and North Central....	4	4	1,165	7,813	561	1,119	3,140	19,731	46,113	2,261	1,103	14,567	1,138
	South and West....	14	13	8,087	53,096	5,662	11,414	34,508	178,135	490,235	13,618	7,427	138,339	6,525
	Texas.....	6	6	2,492	19,392	2,166	4,440	13,185	61,064	228,504	5,952	2,781	61,609	2,538
2823	Cellulosic man-made fibers, total.	26	26	42,597	211,513	31,753	62,466	141,001	390,310	722,818	42,619	(4)	(4)	(4)
	Northeast and North Central....	7	7	6,313	28,597	5,084	10,613	21,986	47,875	101,207	4,250	(4)	(4)	(4)
	South.....	19	19	36,284	182,916	26,669	51,853	119,015	342,435	621,611	38,369	(4)	(4)	(4)
2824	Organic fibers, noncellulosic, total.....	14	14	18,684	102,742	12,899	26,025	61,864	439,638	688,365	28,638	(4)	(4)	(4)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

NA Not available. <sup>1</sup>Revised.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2821, Plastics Materials: New England—New Hampshire, 2 (1-19); Rhode Island, 6 (250-499); Connecticut, 9 (1,497); East North Central—Indiana, 5 (500-999); Michigan, 16 (2,500-4,999); West North Central—Minnesota, 3 (100-249); Iowa, 2 (1,000-2,499); Missouri, 3 (20-99); Nebraska, 1 (1-19); South and West—Maryland, 3 (1-19); Virginia, 3 (3,884); West Virginia, 4 (1,523); South Carolina, 2 (20-99); Georgia, 1 (1-19); Kentucky, 3 (500-999); Alabama, 2 (20-99); Mississippi, 1 (1-19); Louisiana, 3 (500-999); Washington, 3 (100-249); Oregon, 4 (20-99).

SIC 2822, Synthetic Rubber: Northeast and North Central—New Jersey, 1 (250-499); Ohio, 2 (500-999); Michigan, 1 (250-499); South and West—Delaware, 1 (1-19); West Virginia, 1 (250-499); Kentucky, 2 (1,000-2,499); Mississippi, 1 (20-99); Louisiana, 2 (1,000-2,499); California, 1 (1,000-2,499).

SIC 2823, Cellulosic Man-made Fibers: Northeast and North Central—Massachusetts, 1 (250-499); Connecticut, 1 (250-499); New York, 1 (500-999); Pennsylvania, 2 (2,500-4,999); Ohio, 2 (1,000-2,499); South—Maryland, 1 (2,500-4,999); Virginia, 6 (11,360); West Virginia, 2 (2,500-4,999); North Carolina, 1 (2,500-4,999); South Carolina, 1 (1,000-2,499); Georgia, 1 (1,000-2,499); Tennessee, 5 (5,000 and over); Alabama, 2 (1,000-2,499).

SIC 2824, Organic Fibers, Noncellulosic: New England—Vermont, 1 (20-99); Connecticut, 1 (20-99); South Atlantic—Delaware, 1 (1,000-2,499); Maryland, 1 (20-99); Virginia, 4 (3,546); North Carolina, 1 (1,000-2,499); South Carolina, 2 (1,000-2,499); Florida, 1 (5,000 and over); East South Central—Tennessee, 1 (1,000-2,499); Alabama, 1 (1,000-2,499).

<sup>2</sup>Less than \$500 thousand.

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).



Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2825 2825	Cellulosic man- made fibers and organic fibers noncellulosic, total <sup>2</sup> .....	40	40	61,281	314,255	44,652	88,491	202,865	829,948	1,411,183	71,257	61,105	717,226	69,683
	Northeast and East North Central.....	9	9	6,387	28,979	5,139	10,735	22,254	48,358	103,004	4,268	9,501	79,569	14,161
	South Atlantic..	22	22	38,436	195,848	27,785	55,305	125,656	592,225	963,860	35,769	35,134	472,967	(D)
	Virginia.....	10	10	14,906	78,864	11,044	21,962	52,161	216,707	379,169	18,233	15,669	235,309	20,672
	East South Central.....	9	9	16,458	89,428	11,728	22,451	54,955	189,365	344,319	31,220	16,468	164,693	13,878

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2825, Synthetic Fibers: Northeast and East North Central—Vermont, 1 (20-90); Massachusetts, 1 (250-499); Connecticut, 2 (250-499); New York, 1 (500-999); Pennsylvania, 2 (2,500-4,999); Ohio, 2 (1,000-2,499); South Atlantic—Delaware, 1 (1,000-2,499); Maryland, 2 (2,500-4,999); West Virginia, 2 (2,500-4,999); North Carolina, 2 (5,000 and over); South Carolina, 3 (3,385); Georgia, 1 (1,000-2,499); Florida, 1 (5,000 and over); East South Central—Tennessee, 6 (13,911); Alabama, 3 (2,547).

<sup>2</sup>See footnote 11 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.

Table 3.-Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Plastics materials (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic man-made fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
Primary product specialization ratio <sup>1</sup> .....	84	95	81	99
Coverage ratio <sup>2</sup> .....	71	83	100	91
Number of establishments, total.....	349	18	26	14
With 1-19 employees.....	153	1	...	...
With 20-99 employees.....	115	1	...	4
With 100 employees or more.....	81	16	26	10
Proprietors and working partners.....Number..	37	...	...	...
All employees:				
Number (average for the year).....	51,003	9,252	42,597	18,684
Payroll.....\$1,000..	308,212	60,909	211,513	102,742
Production workers:				
Number (average for the year).....	35,305	6,223	31,753	12,899
March.....	35,125	6,497	31,747	11,901
May.....	34,726	6,066	31,012	12,855
August.....	35,103	6,149	31,999	13,208
November.....	36,255	6,175	32,246	13,623
Man-hours.....1,000..	72,035	12,533	62,466	26,025
January-March.....do....	18,106	3,294	15,581	6,242
April-June.....do....	17,568	3,024	14,963	6,123
July-September.....do....	17,383	2,974	15,791	6,412
October-December.....do....	18,865	3,241	16,131	7,248
Wages.....\$1,000..	189,321	37,648	141,001	61,864
Cost of materials, etc., total.....do....	972,977	340,970	322,305	243,657
Materials, parts, containers, and supplies consumed.....do....	907,321	324,275	292,989	234,214
Cost of resales.....do....	21,662	6,198	1,554	240
Fuels consumed.....do....	26,026	5,607	24,719	7,057
Electricity purchased.....do....	14,842	4,282	1,671	2,096
Contract work.....do....	3,126	608	1,372	50
Value of shipments (including resales), total.....do....	1,846,667	536,348	722,818	688,365
Value of resales.....do....	24,133	7,136	1,637	244
Value added by manufacture, adjusted.....do....	871,956	197,866	390,310	439,638
Manufacturers' inventories:				
Beginning of year, total.....do....	228,685	52,400	123,101	55,652
Finished products.....do....	118,681	33,467	56,814	27,079
Work-in-process.....do....	25,606	2,564	16,590	9,976
Materials, supplies, fuel, etc.....do....	84,398	16,369	49,697	18,597
End of year, total.....do....	226,694	53,797	108,074	48,626
Finished products.....do....	116,526	35,978	45,658	22,493
Work-in-process.....do....	26,027	2,541	17,543	9,492
Materials, supplies, fuel, etc.....do....	84,141	15,278	44,873	16,641
Expenditures for plant and equipment, total.....do....	140,745	16,619	43,162	28,641
New, total.....do....	138,601	15,879	42,619	28,638
New structures and additions to plant.....do....	31,718	2,472	3,973	4,291
New machinery and equipment.....do....	106,883	13,407	38,646	24,347
Used plant and equipment.....do....	2,144	740	543	3

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>T</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2821	Plastics materials:											
	Number of establishments.....	349	65	37	51	74	41	38	18	11	11	3
	All employees:											
	Number.....	51,003	147	243	704	2,359	2,830	6,857	6,057	7,688	15,863	8,255
	Payroll.....\$1,000..	308,212	809	1,226	3,752	12,853	16,567	40,228	37,444	45,205	101,109	49,019
	Value added, adjusted..do....	871,956	2,054	2,994	10,179	39,051	39,986	104,790	120,285	173,094	246,079	133,444
	Value of shipments.....do....	1,846,667	5,794	11,991	32,614	117,220	106,570	249,351	245,067	310,834	522,498	244,728
	Capital expend., new...do....	138,601	( <sup>1</sup> )	( <sup>1</sup> )	536	5,247	3,089	19,281	26,819	26,724	40,278	16,164
2822	Synthetic rubber:											
	Number of establishments.....	18	...	...	1	...	1	2	7	5	2	...
	All employees:											
	Number.....	9,252	...	...	3,029	...	(D)	(D)	(D)	6,223	(D)	...
	Payroll.....\$1,000..	60,909	...	...	20,382	...	(D)	(D)	(D)	40,527	(D)	...
	Value added, adjusted..do....	197,866	...	...	51,050	...	(D)	(D)	(D)	146,816	(D)	...
	Value of shipments.....do....	536,348	...	...	150,243	...	(D)	(D)	(D)	386,105	(D)	...
	Capital expend., new...do....	15,879	...	...	8,858	...	(D)	(D)	(D)	7,021	(D)	...
2823	Cellulosic man-made fibers:											
	Number of establishments.....	26	...	...	...	...	...	...	3	5	13	5
	All employees:											
	Number.....	42,597	...	...	...	...	...	...	1,176	3,663	22,264	15,494
	Payroll.....\$1,000..	211,513	...	...	...	...	...	...	5,261	17,656	107,284	81,312
	Value added, adjusted..do....	390,310	...	...	...	...	...	...	8,086	43,890	208,131	130,203
	Value of shipments.....do....	722,818	...	...	...	...	...	...	19,485	90,974	389,951	222,408
	Capital expend., new...do....	42,619	...	...	...	...	...	...	625	1,307	23,539	17,148
2824	Organic fibers, noncellulosic:											
	Number of establishments.....	14	...	...	...	1	3	2	...	1	5	2
	All employees:											
	Number.....	18,684	...	...	...	18,684	(D)	(D)	...	(D)	(D)	(D)
	Payroll.....\$1,000..	102,742	...	...	...	102,742	(D)	(D)	...	(D)	(D)	(D)
	Value added, adjusted..do....	439,638	...	...	...	439,638	(D)	(D)	...	(D)	(D)	(D)
	Value of shipments.....do....	688,365	...	...	...	688,365	(D)	(D)	...	(D)	(D)	(D)
	Capital expend., new...do....	28,638	...	...	...	28,638	(D)	(D)	...	(D)	(D)	(D)

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2821	Plastics materials.....1958..	1,846,667	1,556,161	261,261	29,245	84	2,202,411	1,556,161	646,250	<sup>3</sup> 71
	.....1954..	1,254,523	1,098,816	127,190	28,517	90	1,463,460	1,098,816	364,644	<sup>3</sup> 75
2822	Synthetic rubber.....1958..	536,348	502,290	26,063	7,995	95	603,907	502,290	101,617	83
	.....1954..	361,565	351,566	7,862	2,137	98	392,194	351,566	40,628	90
2823	Cellulosic man-made fibers.....1958..	722,818	582,916	132,777	7,125	81	582,916	582,916	...	100
2824	Organic fibers, noncellulosic..1958..	688,365	(D)	(D)	(D)	(D)	748,343	(D)	(D)	(D)

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>The rather low coverage ratio in 1954 was caused partly by the inclusion of total figures for shipments of vinyl and polyethylene unsupported film and sheeting, three-fourths of which was made by establishments not classified in the plastics materials industry. In 1958 the proportion assigned to the plastics materials industry was further reduced by exclusion of film and sheeting not made from resins produced in the same plant.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Plastics materials industry	Plastics materials (SIC 2821)	Organic chemicals, nec (SIC 2818)	Surface active agents (SIC 2843)	Paints and varnishes (SIC 2851)	Other industries	All industries
	Total shipments of the industry.....	1,846,667	xxx	xxx	xxx	xxx	xxx
	Primary products.....	<sup>1</sup> 1,556,161	214,784	3,553	26,128	389,261	2,202,411
28211	Cellulose plastics materials, except from scrap.....	(D)	(D)	...	...	( <sup>2</sup> )	96,216
28212	Regenerated cellulosic products, except rayon.....	266,658	...	...	...	<sup>3</sup> 35,351	302,009
28213	Synthetic resins (excluding resins for protective coatings).....	848,334	210,031	3,553	...	<sup>4</sup> 80,018	1,141,956
28214	Vinyl and polyethylene unsupported film and sheeting.....	<sup>1</sup> 48,798	...	...	...	<sup>5</sup> 218,530	267,328
28215	Plastics and resin materials, nec.....	316,101	4,660	...	26,128	<sup>6</sup> 46,632	393,521
28210	Plastics materials, synthetic resins, and nonvulcanizable elastomers, nsk.....	(D)	(D)	...	...	(D)	1,401
	Other products.....	<sup>2</sup> 261,261	xxx	xxx	xxx	xxx	xxx
20950	Animal and marine oil mill products, including foots.....	2,739	xxx	xxx	xxx	xxx	xxx
28140	Cyclic (coal tar) crudes.....	3,494	xxx	xxx	xxx	xxx	xxx
2815-	Intermediate coal tar products.....	14,638	xxx	xxx	xxx	xxx	xxx
28181	Miscellaneous cyclic chemical products.....	7,127	xxx	xxx	xxx	xxx	xxx
28182	Miscellaneous acyclic chemicals and chemical products.....	56,154	xxx	xxx	xxx	xxx	xxx
28183	Synthetic organic chemicals, nec (except bulk surface active agents).....	23,114	xxx	xxx	xxx	xxx	xxx
28185	Ethyl alcohol and other industrial organic chemicals, nec.....	11,976	xxx	xxx	xxx	xxx	xxx
2819-	Inorganic chemicals, nec.....	11,088	xxx	xxx	xxx	xxx	xxx
28220	Synthetic rubber (vulcanizable elastomers).....	26,389	xxx	xxx	xxx	xxx	xxx
28430	Surface active and finishing agents.....	2,097	xxx	xxx	xxx	xxx	xxx
2851-	Paints and varnishes.....	6,039	xxx	xxx	xxx	xxx	xxx
28911	Glues, adhesives, and sizes.....	3,330	xxx	xxx	xxx	xxx	xxx

See footnotes at end of table.



**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958--Continued**

Prod. class code	Plastics materials industry	Plastics materials (SIC 2821)	Organic chemicals, nec (SIC 2818)	Surface active agents (SIC 2843)	Paints and varnishes (SIC 2851)	Other industries	All industries
Other products--Continued							
28993	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec.....	4,593	xxx	xxx	xxx	xxx	xxx
2911-	Petroleum refining.....	15,161	xxx	xxx	xxx	xxx	xxx
3069-	Fabricated rubber products, nec.....	2,711	xxx	xxx	xxx	xxx	xxx
30796	Expanded or foamed plastics.....	8,488	xxx	xxx	xxx	xxx	xxx
30799	Fabricated plastics products, nec.....	7,206	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	742,393	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	29,245	xxx	xxx	xxx	xxx	xxx
99989	Resales.....	24,133	xxx	xxx	xxx	xxx	xxx
93000	Contract work.....	2,916	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	2,196	xxx	xxx	xxx	xxx	xxx
Prod. class code	Synthetic rubber industry	Synthetic rubber (SIC 2822)	Organic chemicals, nec (SIC 2818)	Plastics materials (SIC 2821)		Other industries	All industries
	Total shipments of the industry.....	536,348	xxx	xxx		xxx	xxx
28220	Synthetic rubber (vulcanizable elastomers).....	502,290	31,633	26,389		843,595	603,907
	Other products.....	26,063	xxx	xxx		xxx	xxx
	Miscellaneous receipts.....	7,995	xxx	xxx		xxx	xxx
99989	Resales.....	7,136	xxx	xxx		xxx	xxx
	Other miscellaneous receipts.....	1859	xxx	xxx		xxx	xxx
Prod. class code	Cellulosic man-made fibers industry	Cellulosic man-made fibers (SIC 2823)		Other industries			All industries
	Total shipments of the industry.....	722,818		xxx			xxx
	Primary products.....	582,916		...			582,916
28231	Acetate yarn.....	210,650		...			210,650
28232	Rayon yarn, viscose and cuprammonium process.....	372,266		...			372,266
	Other products.....	132,777		xxx			xxx
2819-	Inorganic chemicals, nec.....	5,580		xxx			xxx
28212	Regenerated cellulosic products, except rayon.....	35,177		xxx			xxx
	Other secondary products.....	1092,020		xxx			xxx
	Miscellaneous receipts.....	7,125		xxx			xxx
99989	Resales.....	1,637		xxx			xxx
	Other miscellaneous receipts.....	5,488		xxx			xxx

D Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>Product class code 28214 includes film and sheeting made from purchased resins, valued at \$12,524 thousand, which is not considered primary to this industry and, therefore, is excluded from total for "Primary products" and included in total for "Other products."

<sup>2</sup>Includes \$2 million or more shipped by establishments classified in Industry 3861, Photographic Equipment, but the exact amount is withheld to avoid disclosing individual company figures.

<sup>3</sup>Includes \$55,177 thousand shipped by establishments classified in Industry 2823, Cellulosic Man-Made Fibers.

<sup>4</sup>Includes \$35,498 thousand shipped by Industry 2815, Intermediate Coal Tar Products, and \$2,472 thousand shipped by Industry 2891, Glue and Gelatin. In addition, the following industries had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine; 2815, Intermediate Coal Tar Products; 2819, Inorganic Chemicals, NEC; 2861, Gum and Wood Chemicals; 2891, Glue and Gelatin; 3011, Tires and Inner Tubes; and 3079, Plastics Products, NEC.

<sup>5</sup>Includes \$198,753 thousand shipped by establishments classified in Industry 3079, Plastics Products, NEC, \$11,660 thousand by Industry 2295, Coated Fabric, Not Rubberized, \$2,673 thousand by Industry 3069, Fabricated Rubber Products, NEC. In addition, Industry 3729, Aircraft Equipment, NEC had shipments of \$2 million or more, but the exact amount is withheld to avoid disclosing individual company figures.

<sup>6</sup>Includes \$21,957 thousand shipped by Industry 3079, Plastics Products, NEC, and \$3,774 thousand shipped by Industry 2861, Gum and Wood Chemicals. In addition, the following industries had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine; and 2911, Petroleum Refining.

<sup>7</sup>Includes the following product classes or industries which total \$2 million or more but are withheld to avoid disclosing individual company figures: 2824, Organic Fibers, Noncellulosic; 28416, Synthetic organic detergents, bulk; 28730, Agricultural pesticides, herbicidal preparations and similar agricultural chemicals; and 30793, Molded plastic products, nec.

<sup>8</sup>This figure consists primarily of shipments by Industry 2911, Petroleum Refining, and Industry 3011, Tires and Inner Tubes.

<sup>9</sup>This figure consists primarily of product classes 28151, Cyclic (coal tar) intermediates, and 28182, Miscellaneous acyclic chemicals and chemical products, each of which totals at least \$2 million, but is withheld to avoid disclosing individual company figures.

<sup>10</sup>This figure consists primarily of product classes 22960, Tire cord and tire fabrics; 28182, Miscellaneous acyclic chemicals and chemical products; and Industry 2824, Organic Fibers, Noncellulosic, each of which totals at least \$2 million, but is withheld to avoid disclosing individual company figures.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2821---	Plastics materials, synthetic resins, and nonvulcanizable elastomers, total.....	xxx	xxx	2,202,411	xxx	xxx	1,463,460
28211--	Cellulose plastics materials, except from scrap (including fillers, plasticizers, and extenders).....	xxx	xxx	96,216	xxx	xxx	82,354
	Cellulose acetate and mixed ester (including acetate butyrate, and propionate plastics):						
2821111	Continuous sheets (under 0.003 gauge).....	143,662	138,448	87,229	16,742	15,951	14,526
2821113	Continuous sheets (0.003 gauge and upward).....				12,654	12,928	12,268
2821119	All other sheets; rods and tubes.....				4,289	3,944	4,464
2821123	Molding and extrusion materials.....				70,832	70,358	36,793
2821125	Other uses.....				6,045	6,045	2,472
	Nitrocellulose:						
2821131	Sheets.....	1,932	2,190	3,683	4,734	4,462	7,564
2821135	Rods and tubes.....	340	339	347	774	718	1,066
2821139	Other uses.....						
2821198	Other cellulose plastics (including methyl and ethyl cellulose and related plastics) <sup>1</sup> .....	(NA)	(NA)	4,957	5,444	5,489	3,201
2821100	Cellulose plastics material, nsk.....				xxx	xxx	...
28212--	Regenerated cellulosic products, except rayon.....	xxx	xxx	302,009	xxx	xxx	217,012
2821213-15	Sheets and rolls (cellophane).....	429,488	416,527	245,591	355,302	350,494	189,729
2821251	Sponges.....	4,952	4,856	11,462	5,520	5,267	11,180
2821251	Caps and bands.....	90,472	92,129	44,956	xxx	xxx	16,103
2821298	Other.....				xxx	xxx	...
2821200	Regenerated cellulosic products, nsk.....				xxx	xxx	...
28213--	Synthetic resins (excluding protective coatings).....	xxx	xxx	1,141,936	xxx	xxx	765,193
	Phenolic and other tar acid resins (including mixtures): <sup>2</sup>						
2821313	Bonding and adhesive resins for--	128,151	127,101	27,325	71,746	71,821	18,933
2821314	Laminating, including plywood.....	116,235	110,664	32,651	67,086	67,204	14,904
	Other uses.....						
2821317	Molding materials.....	192,648	177,763	39,720	184,372	183,482	38,073
2821318	Other uses (including casting but excluding protective coatings).....	27,554	26,854	7,149	76,544	76,741	22,001
	Urea and melamine resins (including dimethylol urea): <sup>2</sup>						
2821323	Textile and paper treating resins.....	71,535	73,075	23,420	60,602	61,718	12,206
2821325	Laminating resins, including plywood.....	233,005	214,963	58,529	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2821326	Other bonding and adhesive resins.....				90,585	90,033	15,808
2821327	Molding materials.....				( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2821329	Other uses, excluding protective coatings.....				<sup>3</sup> 102,935	<sup>3</sup> 103,562	<sup>3</sup> 36,533
2821362-72	Vinyl and vinyl copolymer resins (50 percent or more polyvinyl chloride) (including safety glass and excluding protective coatings) <sup>4</sup> .....	719,727	626,114	185,594	548,236	518,863	221,472
	Styrene and polystyrene resins: <sup>2</sup>						
2821351	Molding materials, except for extruded sheets.....	512,737	508,496	139,937	323,663	316,673	102,356
2821358	Ion exchange resins for water treating.....	27,029	26,826	10,036	xxx	xxx	( <sup>5</sup> )
2821359	Other uses, excluding protective coatings.....	46,040	48,037	14,296	xxx	xxx	( <sup>5</sup> )
	Polyethylene resins, except film and sheeting--						
2821385	Molding and extrusion resins: <sup>2</sup>	69,394	61,815	23,321	84,914	84,217	35,158
2821387	High density (Ziegler, Phillips and similar processes).....	670,665	667,874	212,325			
2821373	Low density (other processes).....						
2821373	Textile foil, cellophane, paper, etc., treating and coating resins.....	125,394	121,364	35,096	(e)	(e)	(e)
2821374	Other uses, excluding protective coatings and monofilaments...						
2821376	Polyester resins.....	97,309	97,734	36,334	(e)	(e)	(e)
2821377	Epoxy resins.....	229,380	220,783	95,537	(e)	(e)	(e)
2821378	Acrylic resins.....						
	Other synthetic resins, benzenoid and nonbenzenoid, not listed above (excluding synthetic rubbers):						
2821391	Molding materials.....	153,432	158,208	55,672	xxx	xxx	<sup>6</sup> 99,803
2821392	Other uses, excluding protective coatings.....	335,121	321,105	139,351	xxx	xxx	<sup>6</sup> 7145,870
2821300	Synthetic resins (excluding resins for protective coatings) nsk.	xxx	xxx	5,643	xxx	xxx	2,076
28214--	Vinyl and polyethylene unsupported film and sheeting (excluding floor and wall covering) (including fillers, plasticizers, and extenders) <sup>8</sup> .....	xxx	xxx	267,328	xxx	xxx	169,067
30794--	Made from resins manufactured in same establishment.....	xxx	xxx	36,658			
28214--	Made from purchased resins.....	xxx	xxx	230,670			



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product Code	Product	1958			1954		
		Total production  (1,000 pounds)	Total shipments including interplant transfers		Total production  (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2821---	Plastics materials, synthetic resins, and nonvulcanizable elastomers--Continued						
28214---	Vinyl and polyethylene unsupported film and sheeting (excluding floor and wall covering) (including fillers, plasticizers, and extenders)--Continued						
282141---	Vinyl and vinyl copolymer:						
2821411	Under 3.0 mils.....	(NA)	(NA)	35,319	27,116	26,955	22,175
2821415	3.0 to 3.9 mils.....	26,617	(NA)	15,389	35,633	35,835	19,122
2821417	4.0 to 5.9 mils.....	34,094	(NA)	18,566	43,007	42,986	21,446
2821419	6.0 to 9.9 mils.....	24,210	(NA)	12,081	15,495	15,937	9,357
2821421	10.0 to 14.9 mils.....	81,989	(NA)	37,479	50,031	48,055	27,378
2821423	15.0 to 19.9 mils.....	36,666	(NA)	13,763	33,509	33,339	16,367
2821425	20.0 mils and over.....	(NA)	(NA)	7,110	20,855	20,475	15,327
2821452	Polyethylene:						
3079461	Under 1 mil.....	16,113	15,588	8,082	47,024	46,196	31,859
2821454	1.0 to 1.4 mils.....	60,368	60,720	32,073			
3079463	1.5 to 2.9 mils.....	53,170	53,052	28,167			
2821456	3.0 to 9.9 mils.....	49,388	49,415	26,728	9,029	8,936	5,943
3079465	10.0 mils and over.....	3,302	3,262	1,841			
2821458							
3079467							
2821499							
3079469							
2821400	Vinyl, vinyl copolymer, and polyethylene unsupported film and sheeting (excluding floor, wall and counter covering),nsk...	xxx	xxx	30,730	xxx	xxx	93
3079400							
28215--	Plastics and resin materials, nec.....	xxx	xxx	393,521	xxx	xxx	229,145
2821511	Casein plastic:						
2821515	For adhesives.....	12,072	11,274	5,061	21,571	21,393	5,353
2821521	For other uses.....						
2821521	Custom compounding of purchased resins.....	xxx	xxx	149,090	xxx	xxx	( <sup>a</sup> )
2821525	Cellulose and other plastic film from scrap.....	xxx	xxx	3,095	xxx	xxx	( <sup>a</sup> )
2821531	Protective coatings (alkyd and other synthetic resins).....	895,804	820,947	194,836	xxx	xxx	158,207
2821551	Vulcanized fiber:						
2821555	Sheets.....	29,760	29,643	13,162	35,852	31,113	9,759
2821555	Rods, tubes, and hollowware (semimanufactured).....	xxx	xxx	2,109	(NA)	(NA)	2,245
2821593	Other plastics and resin materials, nec, excluding photo- graphic film, monofilaments, rayon, acetate, or nitro- explosives.....	95,400	94,728	24,026	xxx	xxx	953,581
2821500	Plastics materials, nec, nsk.....	xxx	xxx	2,142	xxx	xxx	...
2821000	Plastic materials, nsk.....	xxx	xxx	1,401	xxx	xxx	689
		1958			1954		
		Total produc- tion  (1,000 pounds)	Total shipments including inter- plant transfers		Total produc- tion  (1,000 pounds)	Total shipments including inter- plant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2822---	Synthetic rubber (vulcanizable elastomers) total <sup>10</sup> .....	xxx	xxx	603,907	150,602	xxx	392,194

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	1958			1954		
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2823---	Cellulosic man-made fibers, total.....	xxx	xxx	582,916	xxx	xxx	640,731
28231--	Acetate yarn (yarn, staple, and tow) <sup>13</sup> .....	321,356	320,431	210,650	272,849	283,629	195,953
28232--	Rayon yarn, viscose and cuprammonium process (yarn, staple, tow, and waste).....	770,225	779,084	372,266	850,518	875,017	444,778
	Packaged yarn, by denier:						
2823211	45 and finer (47 and under).....	7,769	7,776	7,459	1,664	1,630	1,766
2823213	50 (48 to 62).....				9,659	9,717	9,334
2823215	75 (63 to 87).....				10,914	13,332	11,778
2823217	100 (88 to 112).....				3,211	3,548	2,925
2823221	125 (113 to 137).....				83,862	90,618	63,298
2823223	150 (138 to 162).....	71,637	78,891	56,322	1,516	1,717	1,491
2823225	200 (163 to 237).....	433	480	333	26,624	28,592	17,150
2823227	250 and 300 (238 to 374).....	33,227	32,691	21,468	7,938	8,415	4,993
2823231	450 (375 to 524).....	10,170	10,231	6,187	(14)	(14)	(14)
2823233	600 (525 to 749).....	6,950	7,655	4,776	16,761	16,799	10,312
2823235	900 (750 to 999).....	6,173	6,760	4,273	23,667	24,129	14,738
2823237	1,100 (1,000 to 1,374).....	72,780	66,460	40,830	316,750	323,508	194,040
2823239	1,650 (1,375 and over).....	186,911	188,451	105,906			
2823241	Staple.....	315,587	317,560	100,771	(14)	(14)	(14)
2823251	Tow.....	14,199	14,335	4,868	(14)	(14)	(14)
2823261	Waste (including staple waste).....	26,571	29,617	4,412	(14)	(14)	(14)
2823298	Other rayon products, nec, including "horsehair," straw, etc....						
2824---	Synthetic organic fibers, except cellulosic.....	xxx	xxx	748,343	xxx	xxx	561,612
28241--	Synthetic organic fibers, except cellulosic (yarn, staple, tow, and waste).....	503,735	505,816	748,343	290,136	282,696	561,612
28242--							
	Filament yarn.....	(NA)	(NA)	(NA)	<sup>15</sup> 228,021	<sup>15</sup> 218,427	<sup>15</sup> 470,137
	Staple, tow, and waste.....	(NA)	(NA)	(NA)	62,115	64,269	91,475

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>Excludes varnish, lacquer, and dope materials as well as regenerated cellulosic products.<sup>2</sup>Quantities requested on a "dry basis," defined as the total weight of the material including resins, plasticizers, fillers, extenders, colors, and stabilizers, and excluding the weight of water, solvents, and other liquid diluents. It is known, however, that some quantities were reported on a gross basis, including the weight of water, solvents, and other diluents.<sup>3</sup>Codes 2821325 and 2821327 combined with code 2821329, "Urea and melamine resins, other uses."<sup>4</sup>Quantities reported on a resin basis except for safety glass sheeting, data for which are reported on "dry basis." Although end-use information was requested for these resins, a large number of producers were unable to supply this breakdown at the plant level. For end-use figures based on company sales, see United States Tariff Commission report "Synthetic Organic Chemicals, United States Production and Sales, 1958," table 16, page 37.<sup>5</sup>Codes 2821358 and 2821359 combined with code 2821392, "Other synthetic resins."<sup>6</sup>Codes 2821376, 2821377, and 2821378 in 1954 included with codes 2821391 and 2821392.<sup>7</sup>Includes nylon monofilaments (polyamide) (bristles, sutures, leaders, etc.), formerly classified in what is now Industry 2824, "Organic Fibers, Noncellulosic."<sup>8</sup>Includes amounts manufactured from purchased resins, as well as from resins manufactured in the same establishment; also includes unspecified amounts made from reprocessed materials.<sup>9</sup>Codes 2821521 and 2821525 in 1954 combined with code 2821598, "Other plastics and resin materials, nec."<sup>10</sup>Excludes data for polyvinyl type and nonvulcanizable elastomers, classified by respondents as plastics materials. Additional information for synthetic rubbers may be found in Current Industrial Reports Series M30A, "Rubber Supply and Distribution for the United States" and in the annual report "Synthetic Organic Chemicals, United States Production and Sales," published by the U. S. Tariff Commission.<sup>11</sup>Weight includes copolymer and oil of rubbers manufactured without carbon black.<sup>12</sup>Weight includes copolymer, oil, and carbon black of rubbers manufactured with carbon black.<sup>13</sup>Packaged yarn, staple, tow, and other similar acetate products are combined and shown as Product Class Code 28231, "Acetate yarn."<sup>14</sup>Codes 2823233, 2823241, 2823251, 2823261, and 2823298 are included in Product class code 28232, "Rayon fibers."<sup>15</sup>Includes nylon monofilaments (bristles, sutures, leaders, etc.) now classified in Industry 2821.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Synthetic resins (except for protective coatings) (28213):</u>			<u>Synthetic resins (except for protective coatings) (28213)—Continued</u>			<u>Plastics and resin materials, nec (28215):</u>		
United States, total:				1958 <sup>1</sup>	1954	United States, total:		
1958.....	1,141,936		Pacific.....	61,366	19,017	1958.....	393,521	
1947.....	1,109,246		California.....	48,273	9,942	1957.....	285,378	
1955.....	1,029,446			Value of shipments		1956.....	289,026	
1954.....	991,060		Vinyl and polyethylene unsupported film and sheetings (28214 and 30794):			1955.....	262,438	
1954.....	765,193		United States, total:			1954.....	217,141	
1947.....	264,506		1958.....	267,328		1947.....	177,313	
	1958 <sup>1</sup>	1954	1957.....	278,817			1958 <sup>1</sup>	1954
New England.....	164,484	118,035	1956.....	256,520		New England.....	32,469	20,670
Massachusetts.....	106,106	(2)	1955.....	225,186		Massachusetts.....	21,468	18,038
Connecticut.....	55,389	(2)	1954.....	169,067		Middle Atlantic.....	175,188	106,095
Middle Atlantic.....	248,406	255,435	1947.....	29,592		New York.....	29,582	17,830
New York.....	71,212	61,109		1958 <sup>1</sup>	1954	New Jersey.....	88,135	56,729
New Jersey.....	73,723	82,066	New England.....	32,816	32,884	Pennsylvania.....	57,471	31,536
Pennsylvania.....	103,471	112,260	Massachusetts.....	17,192	19,471	North Central.....	90,671	59,545
North Central.....	243,927	129,864	Middle Atlantic.....	122,913	78,459	Ohio.....	22,219	13,812
Ohio.....	104,999	42,775	New York.....	56,154	38,773	Illinois.....	25,482	6,460
Illinois.....	44,922	20,833	New Jersey.....	45,019	21,809	Michigan.....	31,322	35,700
Michigan.....	80,631	(2)	Pennsylvania.....	21,740	17,877	Minnesota.....	2,609	(3)
Wisconsin.....	6,247	(2)	North Central.....	86,425	50,542	Missouri.....	2,958	(3)
South Atlantic.....	128,762		Ohio.....	18,723	10,678	South Atlantic.....	35,115	2,741
Delaware.....	3,287		Illinois.....	17,754	(2)	Delaware.....	7,127	(3)
North Carolina.....	3,101	242,842	South.....	12,564	2,424	Maryland.....	1,776	(3)
East South Central.....	58,776		Pacific.....	12,610	4,758	Georgia.....	2,772	(2)
West South Central.....	236,215					East South Central.....	9,777	5,941
						West South Central.....	16,489	9,986
						Pacific.....	33,812	12,163

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28213, Rhode Island, Indiana, Missouri, Virginia, West Virginia, South Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Texas, Washington, and Oregon; 28214, Rhode Island, Connecticut, Indiana, Michigan, Wisconsin, Iowa, Virginia, North Carolina, Georgia, Kentucky, Texas, and California; 28215, Rhode Island, Connecticut, Indiana, Wisconsin, West Virginia, North Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Texas, Washington, and California.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Materials	Basis	Unit of measure	1958				1954			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (\$1,000)			Quantity	Delivered cost (\$1,000)	
				(quantity)			(quantity)	(quantity)			(quantity)
	INDUSTRY 2821—PLASTICS MATERIALS										
	Materials, containers, and supplies, total...	.....	.....	xxx	xxx	907,321	xxx	xxx	xxx	621,428	xxx
282911	Acetic anhydride (net after recovery).....	100%.....	Short ton.	68	68	21	...	(NA)	(NA)	( <sup>1</sup> )	(NA)
282923	Alcohol, ethyl, denatured.....	.....	Wine gals.	5,607,055	5,607,055	2,960	xxx	(NA)	(NA)	3,414	xxx
282925	Alcohols, amyl, butyl, methyl, and propyl.....	.....	1,000 gals	40,248	40,248	15,988	xxx	31,989	31,989	10,983	xxx
293231	Benzol (benzene).....	100% C <sub>6</sub> H <sub>6</sub> .	1,000 lbs.	41,916	41,916	1,799	...	(NA)	(NA)	( <sup>1</sup> )	(NA)
291165	Butadiene.....	100%.....	....do....	(D)	73,780	9,846	(D)	43,890	43,890	6,759	...
282937	Cellulose acetate.....	100%.....	....do....	102,198	102,198	28,447	...	78,751	78,751	23,301	...
261131	Cotton pulp.....	Air dry...	Short ton.	5,024	5,024	1,465	xxx	(NA)	(NA)	( <sup>1</sup> )	xxx
289611	Ethylene.....	100%.....	1,000 lbs.	(D)	177,578	9,624	(D)	(NA)	(NA)	( <sup>1</sup> )	(NA)
282951	Formaldehyde.....	37% HCHO.	....do....	514,855	381,895	13,874	132,960	491,929	300,906	10,726	191,023
284111	Glycerine.....	100%.....	....do....	(D)	60,076	16,259	(D)	51,765	51,765	15,982	...
281921	Hydrochloric acid.....	100% HCl..	Short ton.	(D)	36,754	3,167	(D)	(D)	10,590	909	(D)
282955	Maleic anhydride.....	100%.....	1,000 lbs.	21,999	21,999	6,027	...	12,722	12,722	3,300	...
282343	Melamine.....	100%.....	....do....	52,896	52,896	12,464	...	(NA)	(NA)	( <sup>1</sup> )	(NA)
282251	Phenol.....	100%.....	....do....	(D)	194,462	29,727	(D)	(D)	164,720	23,367	(D)
282261	Phthalic anhydride.....	100%.....	....do....	66,570	62,161	12,755	4,409	(D)	50,559	9,600	(D)
282947	Plasticizers.....	.....	Short ton.	49,334	44,908	23,538	4,426	(NA)	(NA)	( <sup>1</sup> )	(NA)
281221	Sodium hydroxide (caustic soda).....	100% NaOH.	....do....	158,009	158,009	10,182	...	(D)	139,543	8,755	(D)
282271	Styrene.....	100%.....	1,000 lbs.	(D)	457,099	57,782	(D)	(D)	295,088	63,476	(D)
281111	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> .	Short ton.	(D)	260,191	5,612	(D)	(D)	174,934	4,062	(D)
282965	Urea.....	100%.....	1,000 lbs.	95,464	95,464	5,870	xxx	86,531	86,531	5,626	xxx
282347	Vinyl acetate, monomer...	100%.....	....do....	72,522	72,522	12,435	...	(NA)	(NA)	( <sup>1</sup> )	(NA)
282345	Vinyl chloride, monomer..	100%.....	....do....	457,572	289,501	34,705	168,071	(NA)	(NA)	( <sup>1</sup> )	(NA)
261115	Wood pulp (excluding wood flour).....	Air dry...	Short ton.	205,489	205,489	38,029	xxx	179,233	179,233	33,190	xxx
260091	Paper and paperboard containers.....	.....	.....	xxx	xxx	13,672	xxx	xxx	xxx	( <sup>1</sup> )	xxx
970000	All other materials and components, parts, containers, and supplies consumed, including materials, etc., nsk.....	.....	.....	xxx	xxx	541,073	xxx	xxx	xxx	397,978	xxx
	INDUSTRY 2822—SYNTHETIC RUBBER										
	Materials, containers, and supplies, total...	.....	.....	xxx	xxx	324,275	xxx	xxx	xxx	200,002	xxx
289511	Carbon black.....	.....	1,000 lbs.	96,157	96,157	7,209	...	(NA)	(NA)	( <sup>1</sup> )	(NA)
291171	Liquefied petroleum gases.....	Barrel, 42 gallons..	1,000 barrels..	6,279	5,527	144,776	752	xxx	2,376	51,287	xxx
282271	Styrene.....	100%.....	1,000 lbs.	(D)	359,845	45,541	(D)	xxx	204,223	31,532	xxx
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	xxx	xxx	126,749	xxx	xxx	xxx	117,183	xxx

See footnotes at end of table.



Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Material	Basis	Unit of measure	1958			
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)
					Quantity	Delivered cost (\$1,000)	
	INDUSTRY 2823—CELLULOSIC MAN-MADE FIBERS <sup>2</sup>						
	Materials, containers, and supplies, total.....	.....	.....	xxx	xxx	292,989	xxx
282911	Acetic anhydride (net after recovery).....	100%.....	Short ton...	xxx	101,378	18,907	xxx
282935	Carbon disulfide.....	100% CS <sub>2</sub> .....	.....do.....	xxx	117,774	12,760	xxx
261131	Cotton pulp.....	Air dry.....	.....do.....	xxx	33,539	7,887	xxx
281221	Sodium hydroxide (caustic soda).....	100% NaOH.....	.....do.....	xxx	295,487	19,129	xxx
281111	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ...	.....do.....	xxx	484,386	10,075	xxx
261115	Wood pulp.....	Air dry.....	.....do.....	xxx	523,094	105,025	xxx
260091	Paper and paperboard containers.....	.....	.....	xxx	xxx	6,886	xxx
970099	All other materials and components, parts, containers, and supplies.....	.....	.....	xxx	xxx	112,320	xxx
	INDUSTRY 2824—ORGANIC FIBERS, NONCELLULOSIC <sup>2</sup>						
	Materials, containers, and supplies, total.....	.....	.....	xxx	xxx	234,214	xxx
281111	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ...	Short ton...	xxx	4,980	106	xxx
260091	Paper and paperboard containers.....	.....	.....	xxx	xxx	3,687	xxx
970099	All other materials, and components, parts, containers, and supplies.....	.....	.....	xxx	xxx	230,421	xxx

D Withheld to avoid disclosing figures for individual companies.

NA Not available. <sup>1</sup>Revised.<sup>1</sup>Included in "All other materials and components".<sup>2</sup>In 1954, Industries 2823 and 2824 were combined. For materials consumed in that year, see 1954 Census of Manufactures, Vol. II, Part 1, page 28B-22, Industry 2825—Synthetic Fibers.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Estab- lish- ments, number	All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new
			Number	Payroll  (\$1,000)	Number	Man-hours  (1,000)	Wages  (\$1,000)				
2821	PLASTICS MATERIALS (entire industry)...	349	51,003	308,212	35,305	72,035	189,321	871,956	972,977	1,846,667	138,601
	Establishments with:										
	90% or more specialization.....	273	32,441	194,288	23,759	48,221	125,501	508,464	600,843	1,113,048	99,441
28213	75-89% specialization.....	29	8,180	51,692	4,948	10,243	27,632	142,790	149,757	292,595	12,687
	Synthetic resin (except for protective coatings) (primary product class of estab.).....	117	30,118	190,716	20,323	41,683	115,147	588,310	627,805	1,219,548	99,449
	Establishments with:										
	90% or more specialization....	59	5,440	33,816	3,613	7,509	19,872	109,857	106,876	216,199	22,000
	75-89% specialization.....	30	8,714	55,047	6,008	12,332	33,992	153,930	221,363	380,929	38,647
28215	Plastics and resin materials, nec, (primary product class of estab.)..	198	7,389	40,695	5,068	10,359	24,004	88,044	173,925	260,182	9,283
	Establishments with:										
	90% or more specialization....	154	3,365	17,796	2,463	4,999	10,914	39,100	77,012	115,156	2,599
	75-89% specialization.....	13	819	4,415	537	1,076	2,481	9,272	24,465	32,373	817
2823	CELLULOSIC MAN-MADE FIBERS (entire industry).....	26	42,597	211,513	31,753	62,466	141,001	390,310	322,305	722,818	42,619
	Establishments with:										
	90% or more specialization.....	17	20,232	94,949	15,549	31,501	68,574	163,582	151,992	323,917	21,029
28232	Rayon yarn, viscose and cuprammonium process (primary product class of estab.).....	20	27,859	133,126	21,047	41,971	92,131	221,126	205,686	434,785	32,787
	Establishments with:										
	90% or more specialization....	15	17,589	83,026	13,580	27,527	60,281	138,088	130,981	276,891	20,579





# Drugs

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2831—Biological Products
- 2833—Medicinal Chemicals and Botanical Products
- 2834—Pharmaceutical Preparations

While there is a relatively large overlap in the shipments of products primary to each of the 4-digit industries in this group, the specialization ratio for the three digit group, Drugs, collectively is high. In 1958, shipments by plants in this group of industries consisted of 94 percent drugs and medicines, and only 6 percent of other chemical products. These plants also accounted for approximately 94 percent of the drugs and medicines produced in all manufacturing industries.

Although some duplication exists at the 3-digit level where the products of one industry (particularly Industry 2833) represent materials incorporated into the products of another industry, (particularly Industry 2834), this situation does not exist for 4-digit industry and product statistics. Product duplications are minimized by the separate industry classifications provided for plants primarily producing bulk medicines and for those primarily producing drug preparations. For example, plants primarily producing organic and inorganic medicinal chemicals and shipping these products in bulk, are classified in Industry 2833, Medicinal Chemicals and Botanical Products; those buying drugs in bulk and compounding them into other pharmaceutical preparations are included in Industry 2834, Pharmaceutical Preparations.

The low ratio of production and related workers to total employment indicated for Drugs results primarily from the following characteristics of this industry:

(a) Merchandising is an important activity and the employment data include a relatively large number of people engaged in packaging and selling.

(b) Research staffs are generally at the producing plants in Industry 2834, in contrast with the basic organic and inorganic chemical plants where such personnel are at laboratories located at different physical sites.

## 2831—Biological Products

This industry comprises establishments primarily engaged in the production of bacterial and virus vaccines, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. Excluded are the activities of the American Red Cross, hospitals and other institutions which are important collectors of blood and producers of blood products. For a detailed list of primary products of Industry 2831, refer to table 6A, product codes 2831111 to 2831227.

The value of shipments of Industry 2831, Biological Products, in 1958 totaled \$64 million. This included shipments of primary products (biological products) valued

at \$49 million, shipments of secondary products valued at \$6 million, and miscellaneous receipts of \$9 million.

Industry 2831 shipments of biological products in 1958 represented 89 percent of its total product shipments (primary and secondary). In 1954, this primary product specialization ratio was 86 percent. Secondary products shipped by this industry in 1958 consisted mainly of veterinary drug preparations valued at \$4 million.

Industry 2831 shipments of biological products in 1958 represented 41 percent of these products valued at \$119 million shipped by all industries. In 1954, this coverage ratio was 65 percent. The low coverage ratio is due primarily to the production of biological products for human use as secondary products by establishments primarily engaged in manufacturing pharmaceutical preparations and classified in Industry 2834. In 1958, Industry 2834 shipments of biological products were valued at \$70 million, or 59 percent of the shipments by all industries.

The establishments classified in Industry 2831 generally are licensed by the Department of Agriculture and limit their activities to specific types of vaccines and serums utilizing a "batch lot" technique.

## 2833—Medicinal Chemicals and Botanical Products

This industry comprises establishments primarily engaged in (1) manufacturing bulk organic and inorganic chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principles such as alkaloids from botanical drugs and herbs are also included in this industry. Establishments primarily engaged in manufacturing reagent and chemically pure grades (other than United States Pharmacopoeia or National Formulary) of inorganic and organic chemicals are classified in Industries 2819, Industrial Inorganic Chemicals, Not Elsewhere Classified, and 2818, Industrial Organic Chemicals, Not Elsewhere Classified, respectively. For a detailed list of primary products of Industry 2833, refer to table 6A, product codes 2833111 to 2833271.

The value of shipments of Industry 2833, Medicinal Chemicals and Botanical Products in 1958 totaled \$322 million. This included shipments of primary products (bulk drugs of animal origin, bulk organic and inorganic medicinal chemicals and botanicals) valued at \$214 million, shipments of secondary products valued at \$84 million, and miscellaneous receipts of \$24 million.

Industry 2833 shipments of medicinal chemicals (primary products) in 1958 represented 72 percent of its total product shipments (primary and secondary). In 1954, this primary product specialization ratio was 69 percent. Secondary products shipped by this industry in 1958 consisted mainly of pharmaceutical preparations for human use, industrial organic chemicals, and industrial inorganic chemicals.



Industry 2833 shipments of medicinal chemicals in 1958 represented 55 percent of these products valued at \$391 million shipped by all industries. In 1954, this coverage ratio was 59 percent. It should be noted that these coverage ratios are based on shipments rather than production. Plants in Industry 2834 and, to some extent Industry 2831, produce medicinal chemicals for incorporation in drug preparations; however, since production data were not compiled, no measure of the captive production is available. Other industries producing medicinal chemicals for sale or interplant transfer in 1958 were mainly Industry 2818, Industrial Organic Chemicals, N.E.C.; Industry 2815, Dyes, dye (cyclic) intermediates, and organic pigments (lakes and toners); and Industry 2834, Pharmaceutical Preparations.

The data collected by the United States Tariff Commission and Census Bureau for bulk medicinal organic chemicals complement each other. Those of the Census Bureau represent information for plants classified in manufacturing industries and provide a total value for these chemicals in the form actually shipped; those of the Tariff Commission represent company sales and provide more detailed product information.

The Census Bureau figure of \$218 million (see table 6A, code 2833171) is considerably less than the \$555 million reported to the U. S. Tariff Commission for bulk medicinal organic chemicals, primarily for the following reasons:

(1) The Census Bureau total for Synthetic organic medicinal chemicals in bulk (uncompounded) excludes data for certain uncompounded bulk derivatives, antibiotics and bulk vitamins, which are included in the Tariff Commission figure for medicinal organic chemicals. These items are included in other product categories in this industry by the Census Bureau.

(2) Sales figures reported to the Tariff Commission represent the values of medicinal organic chemicals whether shipped in bulk or packaged, and except for antibiotics, include sales of these products in tablets or ampules when sold in undiluted or uncompounded form. Medicinal organic chemicals sold in dosage form (tablets, ampules, etc.) were reported to the Census Bureau as pharmaceutical preparations.

(3) The distinctions between natural organic medicinal chemicals and synthetic compounds were not uniformly followed in the reports to the two agencies.

(4) Coverage of reporting establishments also contributes to the difference. The Tariff Commission secures product data from laboratories, whereas these establishments are excluded from the Census totals. On the other hand, the Census totals include reports for a few plants which did not report to the Tariff Commission.

(5) The Census Bureau reports require dollar evaluations for interplant transfers even when the products so shipped are entirely consumed by other plants of the same company. Since "company reports" are made to the Tariff Commission, this transfer value is not reported.

#### 2834-Pharmaceutical Preparations

This industry comprises establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary

use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampoules, tablets, capsules, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines; namely; (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public. Establishments compounding drugs and medicines and selling these "over the counter" are classified in Trade industries and thus are excluded from the Census of Manufactures. For a detailed list of primary products of Industry 2834, refer to table 6A, product codes 2834111 to 2834998.

The value of shipments of Industry 2834, Pharmaceutical Preparations, in 1958 totaled \$2,592 million. This included shipments of primary products (pharmaceutical preparations for human and veterinary use) valued at \$2,210 million, shipments of secondary products valued at \$315 million, and miscellaneous receipts of \$67 million.

Industry 2834 shipments of pharmaceutical preparations in 1958 represented 87 percent of its total product shipments (primary and secondary). For 1954, this specialization ratio was 91 percent. Secondary products shipped by this industry in 1958 consisted mainly of biological products, \$70 million; medicinal drugs and medicines, \$101 million; perfumes, cosmetics and toilet preparations, \$56 million; and surgical and medical instruments, \$5 million.

Industry 2834 shipments of pharmaceutical preparations in 1958 represented 94 percent of these products valued at \$2,345 million shipped by all industries. In 1954, this coverage ratio was the same percentage as in 1958. Other industries shipping pharmaceutical preparations were mainly Industry 2833, Medicinal Chemicals and Botanical Products, and Industry 2844, Perfumes, Cosmetics, and other Toilet Preparations.

Separate shipment figures for ethical and proprietary preparations were collected and published in the 1954 and 1947 Censuses of Manufactures publications. The information collected for these years was based upon a breakdown of shipments of individual products reported by each producer into the separate categories, ethical and proprietary. In the 1958 Census of Manufactures an attempt was made to collect similar information on ethical and proprietary products by asking the manufacturer to classify each plant either as an ethical or a proprietary establishment based upon its principal operations. A comparison of the 1958 information, compiled from the establishment classification, and with figures published for prior years, based upon individual product classifications, indicated that the statistics for 1958 were not comparable with those for prior years. Therefore, separate shipment information for ethical and proprietary preparations is not shown for 1958.

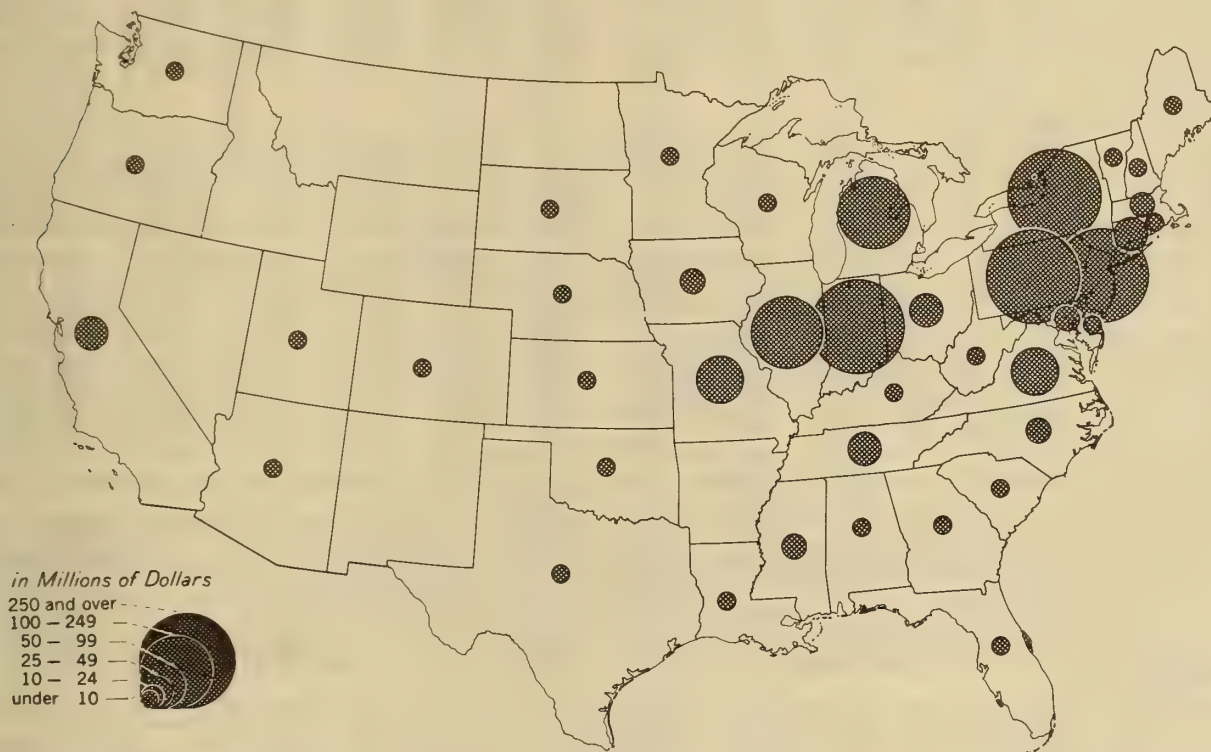
Since specialized equipment or relatively large investments in capital are not prerequisites for many products primary to the industry, the industry is characterized by the presence of a relatively large number of small firms. In 1954, approximately 62 percent of the 1,163 establishments classified in this industry had fewer than 10 employees, and in 1958 the comparable percentage is 59 percent.



The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

### DRUGS: SIC 283

Value Added by Manufacture by State: 1958



Includes Industries 2831, 2832 and 2834. See Table 2.

Bureau of the Census. M-58-D283

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.-General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>3</sup>	Value of shipments <sup>3</sup>	Capital expenditures, new	Specialization, ratio <sup>4</sup> (percent)	Coverage ratio <sup>5</sup> (percent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2831 (old SIC 2831)	Biological products:														
	1958.....	110	116	35	3,692	16,218	2,567	4,999	9,736	38,947	24,933	63,833	4,565	89	41
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,688	20,661	3,284	6,692	12,133	68,083	20,414	79,152	(S)	(NA)	(NA)
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,553	18,270	3,293	6,485	11,094	55,450	(S)	(S)	(S)	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	4,126	16,407	2,972	5,928	9,784	40,937	(S)	(S)	(S)	(NA)	(NA)
	1954.....	86	93	43	3,965	15,789	2,864	5,722	9,333	39,384	28,578	66,555	2,510	86	65
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	3,101	11,320	2,125	(NA)	6,953	30,239	19,670	49,909	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	3,418	11,250	2,305	(NA)	7,176	29,975	22,424	52,399	(NA)	(NA)	(NA)
	1947.....	79	84	(NA)	2,987	8,474	2,189	4,524	4,994	19,161	18,576	37,737	(NA)	87	57
	1939.....	(NA)	80	(NA)	(NA)	(NA)	2,155	(NA)	2,085	12,046	7,403	19,449	(NA)	(NA)	(NA)
2833 (old SIC 2832, 2833)	Medicinals and botanicals:														
	1958.....	114	129	50	10,246	62,877	6,640	13,810	35,500	175,817	148,935	322,286	33,866	72	55
	1954.....	107	115	40	11,541	56,872	7,743	16,229	33,345	143,297	138,128	281,013	12,948	69	59
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	16,308	77,391	11,469	(S)	49,153	219,444	149,276	368,720	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	19,245	86,376	13,150	28,091	52,378	212,207	158,974	371,181	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	22,549	93,033	15,839	33,557	60,053	258,647	201,349	459,996	(NA)	(NA)	(NA)
	1947.....	( <sup>3</sup> )	107	(NA)	13,097	42,220	9,920	21,074	29,277	119,525	98,631	218,156	14,190	73	74
	1939.....	(NA)	37	(NA)	(NA)	(NA)	2,420	(NA)	3,130	15,090	13,594	28,684	(NA)	(NA)	(NA)
2834 (old SIC 2834)	Pharmaceutical preparations:														
	1958.....	(NA)	1,114	318	82,002	466,596	45,708	91,374	205,459	1,881,524	700,632	2,591,831	66,652	87	94
	1957 <sup>6</sup> .....	(NA)	(NA)	(NA)	78,890	433,163	46,239	92,554	193,690	1,730,149	614,719	2,305,011	61,403	90	93
	1956 <sup>6</sup> .....	(NA)	(NA)	(NA)	77,414	399,334	46,562	92,493	182,670	1,552,058	573,714	2,075,770	52,679	(NA)	(NA)
	1955 <sup>6</sup> .....	(NA)	(NA)	(NA)	75,345	368,096	45,552	90,228	171,384	1,325,482	509,501	1,812,546	40,372	(NA)	(NA)
	1954.....	1,128	1,163	316	76,555	353,769	47,320	95,123	173,324	1,182,246	517,084	1,700,490	40,303	91	94
	1953 <sup>6</sup> .....	(NA)	(NA)	(NA)	73,831	311,120	45,017	(NA)	154,598	1,051,249	450,602	1,501,851	(NA)	(NA)	(NA)
	1952 <sup>6</sup> .....	(NA)	(NA)	(NA)	74,278	308,993	45,224	(NA)	148,039	1,030,511	477,593	1,508,104	(NA)	(NA)	(NA)
	1951 <sup>6</sup> .....	(NA)	(NA)	(NA)	67,604	262,496	42,359	(NA)	132,411	988,384	457,135	1,445,419	(NA)	(NA)	(NA)
	1947.....	1,123	1,163	(NA)	65,413	185,497	42,338	85,085	98,494	608,625	332,665	941,290	(NA)	91	98
	1939.....	(NA)	1,000	(NA)	(NA)	(NA)	19,637	(NA)	21,152	233,513	104,711	338,224	(NA)	(NA)	(NA)
	1937.....	(NA)	1,034	(NA)	34,740	50,245	24,795	(NA)	26,965	250,270	103,584	353,854	(NA)	(NA)	(NA)
	1935.....	(NA)	1,077	(NA)	32,186	45,331	22,718	(NA)	22,580	210,566	87,083	297,649	(NA)	(NA)	(NA)
	1933.....	(NA)	1,018	(NA)	28,058	33,128	20,313	(NA)	19,412	189,370	74,042	263,412	(NA)	(NA)	(NA)
	1931.....	(NA)	1,220	(NA)	(NA)	(NA)	21,684	(NA)	23,906	234,909	87,813	322,722	(NA)	(NA)	(NA)
	1929.....	(NA)	1,392	(NA)	35,460	58,727	24,518	(NA)	27,965	268,444	118,185	386,629	(NA)	(NA)	(NA)

NA Not available.

S Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1951-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1951-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup>For the period 1954-1958, value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. For 1958 and 1954, cost of materials includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of such resales. Figures for years prior to 1935 do not include cost of contract work. For 1958 and 1954, value of shipments includes shipments of products bought for resale; for other years, excludes value of such resales. For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. For a description of these statistics, see Introduction, "Value Added by Manufacture," "Cost of Materials Consumed," and "Value of Shipments." Unadjusted value added for 1954, cost of materials excluding cost of resales, and value of shipments excluding values of resales, for 1954 and 1958, are shown below:

Industry Code	Value Added (\$1,000)		Cost of Materials, etc. (\$1,000)		Value of shipments (\$1,000)	
	1954		1958	1954	1958	1954
2831	36,680		19,905	24,292	56,558	60,973
2833	138,877		130,974	113,600	299,310	252,478
2834	1,161,004		666,040	482,136	2,528,743	1,643,140

<sup>4</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>5</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.<sup>6</sup>The figures for 1951-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2831	Biological products, total.....	116	35	3,692	16,218	2,567	4,999	9,736	38,947	63,833	4,565	3,965	36,680	2,987
	New England.....	6	...	31	141	22	34	72	294	454	(D)	(D)	(D)	(D)
	Middle Atlantic.....	27	6	320	1,304	237	458	782	2,605	3,831	(D)	(D)	(D)	(D)
	New York.....	12	3	131	553	85	156	256	1,175	1,907	21	78	915	46
	Pennsylvania.....	6	3	156	618	122	250	403	1,105	1,395	286	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	East North Central.....	26	9	1,373	6,487	948	1,945	4,266	16,274	25,476	2,999	910	9,429	651
	Illinois.....	13	2	165	832	126	242	571	1,424	3,599	61	115	886	119
	West North Central.....	23	10	979	4,400	625	1,228	2,306	11,255	21,425	607	957	9,299	(D)
	Nebraska.....	5	2	250	1,161	135	269	522	2,100	4,290	( <sup>3</sup> )	188	1,880	200
	South.....	18	5	577	1,909	468	786	1,211	4,196	6,208	324	246	1,951	(D)
	West.....	16	5	412	1,977	267	548	1,099	4,323	6,439	318	1,049	8,725	(D)
	California.....	11	3	304	1,420	187	388	787	3,453	4,946	224	965	8,201	91
2833	Medicinals and botanicals, total..	129	50	10,246	62,877	6,640	13,810	35,500	175,817	322,286	33,866	11,541	138,877	13,097
	Northeast.....	54	27	7,447	46,886	4,600	9,739	25,308	112,359	199,120	24,212	7,511	86,181	(D)
	New York.....	17	8	734	4,857	354	708	1,824	12,686	22,610	783	1,505	19,864	2,192
	New Jersey.....	22	11	4,232	27,687	2,261	4,922	12,982	62,023	107,204	7,691	3,813	34,233	5,542
	East North Central.....	32	11	1,179	6,663	900	1,818	4,559	12,208	30,744	5,820	568	6,571	(D)
	Illinois.....	14	6	662	3,672	507	1,059	2,595	6,343	19,503	( <sup>3</sup> )	349	4,285	(D)
	West North Central.....	6	5	351	1,998	265	515	1,223	6,271	24,461	686	2,396	16,068	(D)
	Nebraska.....	21	3	957	5,723	694	1,395	3,656	39,511	57,125	3,012	(D)	(D)	(D)
	South.....	16	4	312	1,607	181	343	754	5,468	10,836	136	(D)	(D)	(D)
	West.....	13	3	284	1,449	164	313	677	4,913	9,973	132	187	2,411	(D)
2834	Pharmaceutical preparations, total....	1,114	318	82,002	466,596	45,708	91,374	205,459	1,881,524	2,591,831	66,652	76,555	1,161,004	65,413
	Northeast.....	458	145	39,135	220,273	23,022	46,595	104,825	1,029,189	1,409,531	28,972	36,344	599,359	26,989
	New York.....	211	61	18,638	103,199	11,437	23,616	51,671	446,974	621,362	9,460	17,926	307,102	12,918
	New Jersey.....	92	37	10,642	62,239	6,065	12,471	29,278	267,599	395,364	13,737	9,813	162,885	7,390
	East North Central.....	226	72	29,801	184,007	15,459	30,487	75,219	625,392	840,416	28,635	29,255	419,809	26,788
	Ohio.....	55	16	2,476	12,940	981	1,912	3,896	28,939	47,510	1,553	2,201	20,256	2,204
	Indiana.....	28	7	10,674	74,327	5,476	11,150	28,526	240,910	304,223	10,289	10,118	143,946	8,811
	Illinois.....	84	30	8,220	43,619	4,106	7,843	17,421	152,325	207,104	6,129	7,870	116,480	7,011
	Michigan.....	41	14	7,817	50,055	4,679	9,157	24,582	195,664	272,134	10,370	8,305	132,400	8,026
	Wisconsin.....	18	5	614	3,066	217	425	794	7,554	9,445	294	760	6,725	736
	West North Central.....	92	28	4,042	20,386	2,208	4,453	8,294	77,092	127,916	3,323	3,925	52,655	4,669
	Minnesota.....	21	3	399	1,507	245	545	821	8,045	16,173	794	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Iowa.....	9	3	641	4,041	288	563	1,148	11,149	17,891	(D)	584	6,005	652
	Missouri.....	48	17	2,535	12,104	1,464	2,928	5,599	51,275	82,181	1,164	2,766	40,350	3,266
	Nebraska.....	5	3	394	2,311	169	340	593	5,912	10,436	(D)	259	3,992	435
	South Atlantic.....	103	20	2,663	12,813	1,459	2,843	4,434	58,274	80,586	1,498	2,271	33,666	(D)
	North Carolina..	17	5	699	2,928	461	887	1,421	22,316	28,807	184	346	8,281	592
	Florida.....	25	1	146	616	96	164	257	1,542	2,609	86	...	...	...
	East South Central.....	40	12	2,467	10,600	1,518	3,047	4,848	44,152	62,390	795	2,066	27,884	2,221
	Tennessee.....	20	8	1,852	8,528	998	2,050	3,173	31,450	44,215	727	1,359	21,295	2,086
	Mississippi.....	6	3	493	1,642	451	875	1,486	12,046	16,924	52	634	6,158	49
	West South Central.....	63	9	793	3,416	457	890	1,561	7,806	13,793	697	491	3,925	(D)
	Texas.....	39	8	683	2,944	369	718	1,229	6,475	11,556	451	384	2,876	232
	West.....	132	32	3,101	15,101	1,585	3,059	6,278	39,619	57,199	2,732	2,200	23,702	2,334
	Oregon.....	6	2	132	556	78	142	277	766	1,836	31	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	California.....	108	29	2,836	14,043	1,425	2,772	5,700	37,242	52,700	2,654	2,039	22,472	2,228

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State: SIC 2831, Biological Products: New England—Maine, 1 (1-19); New Hampshire, 1 (1-19); Massachusetts, 2 (1-19); Connecticut, 2 (1-19); Middle Atlantic—New Jersey, 9 (20-99); East North Central—Ohio, 2 (20-99); Indiana, 4 (500-999); Michigan, 4 (250-499); Wisconsin, 3 (100-249); West North Central—Iowa, 3 (100-249); Missouri, 6 (250-499); South Dakota, 1 (20-99); South—Maryland, 2 (250-499); Virginia, 2 (1-19); South Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 3 (100-249); Oklahoma, 2 (1-19); Texas, 7 (20-99); West—Colorado, 3 (20-99); Arizona, 1 (1-19); Washington, 1 (20-99); SIC 2833, Medicinals and Botanicals: Northeast—Massachusetts, 4 (100-249); Connecticut, 3 (1,381); Pennsylvania, 8 (500-999); East North Central—Ohio, 4 (20-99); Indiana, 6 (100-249); Michigan, 7 (100-249); Wisconsin, 1 (20-99); West North Central—Iowa, 2 (100-249); Missouri, 4 (100-249); South—Maryland, 1 (1-19); Virginia, 2 (500-999); West Virginia, 1 (1-19); North Carolina, 1 (1-19); South Carolina, 2 (1-19); Georgia, 3 (20-99) Florida, 2 (1-19); Alabama, 1 (1-19); Louisiana, 2 (1-19); Texas, 6 (100-249); West—Colorado, 2 (20-99); Oregon, 1 (1-19).

SIC 2834, Pharmaceutical Preparations: Northeast—Maine, 1 (1-19); New Hampshire, 2 (20-99); Vermont, 2 (20-99); Massachusetts, 41 (500-999); Rhode Island, 5 (20-99); Connecticut, 16 (500-999); Pennsylvania, 88 (8,006); West North Central—South Dakota, 1 (1-19); Kansas, 8 (20-99); South Atlantic—Delaware, 2 (1-19); Maryland, 20 (500-999); District of Columbia, 4 (20-99); Virginia, 12 (500-999); West Virginia, 4 (1-19); South Carolina, 6 (20-99); Georgia, 13 (100-249); East South Central—Kentucky, 10 (20-99); Alabama, 4 (20-99); West South Central—Louisiana, 18 (20-99); Oklahoma, 6 (20-99); West—Colorado, 6 (20-99); Utah, 3 (1-19); Washington, 9 (20-99).

<sup>3</sup> This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

<sup>4</sup> Less than \$500 thousand.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958

(For explanation of line captions, see Introduction)

Item	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)
Primary product specialization ratio <sup>1</sup> .....	89	72	87
Coverage ratio <sup>2</sup> .....	41	55	94
Number of establishments, total.....	116	129	1,114
With 1-19 employees.....	81	79	796
With 20-99 employees.....	23	32	199
With 100 employees or more.....	12	18	119
Proprietors and working partners.....Number...	28	24	312
All employees:			
Number (average for the year).....	3,692	10,246	82,002
Payroll.....\$1,000...	16,218	62,877	466,596
Production workers:			
Number (average for the year).....	2,567	6,640	45,708
March.....	2,551	6,617	46,094
May.....	2,603	6,639	45,552
August.....	2,523	6,652	45,713
November.....	2,627	6,701	45,386
Man-hours.....1,000...	4,999	13,810	91,374
January-March.....do....	1,256	3,410	23,583
April-June.....do....	1,264	3,497	22,929
July-September.....do....	1,180	3,346	21,520
October-December.....do....	1,251	3,489	22,562
Wages.....\$1,000...	9,736	35,500	205,459
Cost of materials, etc., total.....do....	<sup>r</sup> 25,013	148,935	<sup>r</sup> 700,631
Materials, parts, containers, and supplies consumed.....do....	19,252	123,743	636,450
Cost of resales.....do....	5,028	17,961	34,592
Fuels consumed.....do....	309	4,098	7,186
Electricity purchased.....do....	348	2,639	8,327
Contract work.....do....	76	494	14,076
Value of shipments (including resales), total.....do....	63,833	322,286	2,591,831
Value of resales.....do....	7,275	22,976	63,088
Value added by manufacture, adjusted.....do....	38,947	175,817	1,881,524
Manufacturers's inventories:			
Beginning of year, total.....do....	<sup>r</sup> 14,683	<sup>r</sup> 55,683	<sup>r</sup> 377,146
Finished products.....do....	<sup>r</sup> 6,496	<sup>r</sup> 21,849	<sup>r</sup> 124,212
Work-in-process.....do....	3,724	16,116	99,223
Materials, supplies, fuel, etc.....do....	<sup>r</sup> 4,463	17,715	153,711
End of year, total.....do....	15,035	59,980	365,817
Finished products.....do....	6,527	24,041	124,395
Work-in-process.....do....	3,740	16,393	89,365
Materials, supplies, fuel, etc.....do....	4,768	19,546	152,057
Expenditures for plant and equipment, total.....do....	4,651	33,930	67,028
New, total.....do....	4,565	33,866	66,652
New structures and additions to plant.....do....	3,365	9,212	27,771
New machinery and equipment.....do....	1,200	24,654	38,881
Used plant and equipment.....do....	86	64	<sup>r</sup> 376

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									1,000-2,499 employees	2,500 employees and over
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees			
2831	Biological products:												
	Number of establishments.....	116	49	16	16	15	8	10	2				
	All employees:												
	Number.....	3,692	104	105	218	427	596	2,242	(D)	...	...	...	
	Payroll.....\$1,000..	16,218	391	389	1,150	1,780	2,898	9,610	(D)	...	...	...	
	Value added, adjusted..do....	38,947	885	972	2,171	3,664	7,023	24,232	(D)	...	...	...	
	Value of shipments.....do....	63,833	1,614	1,894	4,881	6,045	11,676	37,723	(D)	...	...	...	
	Capital expend., new...do....	4,565	26	58	111	225	619	3,526	(D)	...	...	...	
2833	Medicinals and botanicals:												
	Number of establishments.....	129	41	17	21	22	10	10	3	3	1	1	
	All employees:												
	Number.....	10,246	95	108	288	652	736	1,492	922	5,953	(D)	(D)	
	Payroll.....\$1,000..	62,877	356	490	1,532	3,466	3,722	8,946	5,891	38,474	(D)	(D)	
	Value added, adjusted..do....	175,817	830	1,141	2,510	13,505	9,656	20,592	10,859	116,724	(D)	(D)	
	Value of shipments.....do....	322,286	2,754	1,990	9,268	35,351	22,076	42,813	31,907	176,127	(D)	(D)	
	Capital expend., new...do....	33,866	55	48	392	605	1,198	7,308	662	23,598	(D)	(D)	
2834	Pharmaceutical preparations:												
	Number of establishments.....	1,114	503	156	137	140	59	61	25	19	7	7	
	All employees:												
	Number.....	82,002	999	1,040	1,863	4,349	3,979	9,609	9,220	13,874	8,970	28,099	
	Payroll.....\$1,000..	466,596	3,189	4,374	8,080	19,626	16,915	48,504	48,328	77,544	56,329	183,707	
	Value added, adjusted..do....	1,881,524	9,254	10,706	18,119	53,050	47,040	261,681	243,041	400,708	213,832	624,093	
	Value of shipments.....do....	2,591,831	15,219	18,300	35,014	95,220	74,778	359,547	338,017	528,623	305,756	821,357	
	Capital expend., new...do....	66,652	1,923	728	1,216	2,226	905	6,245	4,733	14,448	10,412	23,816	

Note: Detailed figures may not add to the totals because of independent rounding.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized on columns F through H and shown as a ratio in column I)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
						Col. B				Col. G
						Col. B+C (percent)				Col. F (percent)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
2831	Biological products.....1958..	63,833	49,009	5,962	8,862	89	119,469	49,009	70,460	41
	1954..	66,555	52,261	8,215	6,079	86	79,909	52,261	27,648	65
2833	Medicinals and botanicals.....1958..	322,286	214,559	83,830	23,897	72	391,148	214,559	176,589	55
	1954..	281,013	167,687	75,038	38,288	69	282,071	167,687	114,384	59
2834	Pharmaceutical preparations.....1958..	2,591,831	2,209,891	314,470	67,470	87	2,344,620	2,209,891	134,729	94
	1954..	1,700,490	1,494,873	144,380	61,237	91	1,584,692	1,494,873	89,819	94

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. Each column shows for the industry named in the column heading the total value of shipments divided among (a) drugs and medicines, (b) other products, and (c) miscellaneous receipts. Each figure represents the amount of the product class shown at the left shipped by the industry named at the top of the column. The first four digits of the product class codes at the left represent the codes of the industries to which they are primary. All other product classes in a column represent products secondary to the specified industry)

Prod. class code	Class of products and miscellaneous receipts	Biological products (SIC 2831)	Medicinal and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)	Toilet preparations (SIC 2844)	Other industries	All industries
	Total shipments and receipts of the industry.....	63,833	322,286	2,591,831	xxx	xxx	xxx
283--	Drugs and medicines.....	53,688	259,224	2,381,222	51,464	109,639	2,855,237
28311	Biological products for human use.....	23,716	(D)	59,368	xxx	(D)	83,123
28312	Biological products for veterinary use.....	24,521	(D)	10,648	xxx	(D)	35,467
28310	Biological products, not specified by kind.....	772	xxx	xxx	xxx	107	879
28331	Medicinal and botanical drugs, uncompounded, for human use.....	251	164,072	64,860	xxx	173,146	302,329
28332	Medicinal drugs for veterinary use.....	(D)	47,975	36,424	xxx	1,529	85,936
28330	Medicinal and botanical products, not specified by kind.....	...	2,512	31	xxx	340	2,883
28341	Pharmaceutical preparations for veterinary use.....	3,898	(D)	73,894	(D)	(D)	87,706
28342	Antibiotic preparations for human use.....	(D)	5,200	354,950	xxx	(D)	361,941
28343	Cough and cold preparations for human use.....	10	(D)	168,852	(D)	(D)	171,580
28344	Laxative and stomach and ulcer preparations for human use.....	21	(D)	151,338	5,969	(D)	158,902
28345	Vitamins for human use.....	(D)	6,522	290,165	(D)	3,446	300,659
28346	Analgesics, including narcotics.....	(D)	(D)	212,872	39,192	3,365	256,319
28347	Tranquilizers, sedatives, and hypnotics.....	(D)	2,026	229,625	3,118	(D)	236,802
28348	Hormone preparations.....	(D)	2,734	148,566	xxx	(D)	151,354
28349	Other pharmaceutical preparations.....	146	(D)	530,623	3,185	(D)	569,609
28340	Pharmaceutical preparations, not specified by kind.....	(D)	(D)	49,006	xxx	732	49,748
	Other products.....	1,283	39,165	143,139	xxx	xxx	xxx
2087-	Flavoring extracts and flavoring sirups, nec.....	xxx	(2)	6,696	xxx	xxx	xxx
20999	Other food preparations, nec.....	xxx	(2)	2,153	xxx	xxx	xxx
2818-	Industrial organic chemicals, nec.....	xxx	17,253	17,334	xxx	xxx	xxx
28199	Reagent and high purity grades of inorganic chemicals, and other inorganic chemicals, not elsewhere classified.....	xxx	2,009	(2)	xxx	xxx	xxx
28421	Household insecticides and repellants.....	xxx	xxx	3,037	xxx	xxx	xxx
28423	Specialty cleaning and sanitation products.....	xxx	(2)	5,421	xxx	xxx	xxx
28441	Shaving preparations.....	xxx	xxx	8,873	xxx	xxx	xxx
28443	Hair preparations (including shampoos).....	xxx	(2)	11,810	xxx	xxx	xxx
28444	Dentifrices, including mouthwashes, gargles, and rinses..	(2)	(2)	11,126	xxx	xxx	xxx
28445	Other cosmetics and toilet preparations.....	(2)	xxx	24,695	xxx	xxx	xxx
28730	Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals.....	xxx	(2)	3,325	xxx	xxx	xxx
28790	Agricultural chemicals, nec.....	(2)	(2)	2,055	xxx	xxx	xxx
28912	Gelatin, except ready-to-eat desserts.....	xxx	xxx	8,949	xxx	xxx	xxx
38410	Surgical and medical instruments and apparatus.....	825	(2)	4,797	xxx	xxx	xxx
	Other secondary products.....	458	319,903	432,868	xxx	xxx	xxx
	Miscellaneous receipts.....	8,862	23,897	67,470	xxx	xxx	xxx
	Resales.....	7,275	22,976	63,088	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,587	921	4,382	xxx	xxx	xxx

xxx Not applicable.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes \$24 million shipped by establishments classified in Industry 2818, Organic Chemicals, NEC; and \$6 million by establishments classified in Industry 2819, Inorganic Chemicals, NEC. Also includes an amount between \$20 million and \$30 million shipped by establishments classified in Industry 2815, Intermediate Coal Tar Products.

<sup>2</sup>Included in other products to avoid disclosure of figures for individual companies.

<sup>3</sup>This figure includes product classes 20460, Wet Corn Milling; 20961, Shortening and cooking oils; and 28430, Surface active and finishing agents.

<sup>4</sup>This figure includes product classes 20424, Other prepared animal feeds (including feeding materials and adjuncts); 20716, Salted nuts and other confectionery type products (cough drops, glaces, etc.); 28151, Cyclic (coal tar) intermediates; and 28199, Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, nec.



Table 6A.—Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2831---	Biological products (excludes biologicals produced by State Health Agencies), total.....	119,469	79,909
28311--	Biological products for human use.....	83,123	42,172
2831111	Normal blood derivatives, whole blood, toxins, vaccines, allergenic extracts, viruses, etc.....	75,806	38,387
2831131	Bacteriological materials, including culture media.....	7,317	3,785
28312--	Biological products for veterinary use.....	35,467	36,021
2831211	Poultry.....	6,193	36,021
2831225	Livestock, excluding poultry.....	22,549	
2831227	Pets and small animals.....	5,978	
2831200	Biological products for veterinary use, not specified by kind.....	747	xxx
2831000	Biological products, not specified by kind.....	879	1,716
2833---	Medicinal chemicals and botanical products, total.....	391,148	282,071
28331--	Medicinal and botanical drugs, uncompounded, for human use.....	302,329	266,702
2833111	Botanical drugs, in bulk (uncompounded).....	7,659	8,610
	Botanical derivatives, in bulk (uncompounded):		
2833121, 22,24,28	Alkaloids and salts.....	10,940	14,066
2833131	Other botanical derivatives, uncompounded, nec.....	1,638	648
2833141	Naturally occurring vitamins (from yeast, plants, fish liver, etc.) in bulk.....	4,665	4,588
2833151	Inorganic medicinal chemicals in bulk (uncompounded).....	4,677	3,994
2833161	Natural organic medicinal chemicals, in bulk (uncompounded), nec.....	10,676	9,779
2833171	Synthetic organic medicinal chemicals, in bulk (uncompounded), not included above or in the preparations listed below (detailed data for which are reported on U.S. Tariff Commission schedule "Synthetic Organic Chemicals" Section No. VI).....	218,244	*173,101
	Antibiotics, in bulk, except for animal feeds:		
2833181	Dihydrostreptomycin.....	5,292	7,375
2833183	Penicillin and salts.....	5,838	13,895
2833185	Streptomycin.....	4,530	2,634
2833187-89	Other antibiotics, including tetracycline.....	19,530	21,180
2833191	Drugs of animal origin, in bulk (uncompounded), including dried glands and other animal organs and tissue and extractions thereof.....	7,911	6,832
2833100	Medicinal and botanical drugs, uncompounded, for human use, not specified by kind.....	729	xxx
28332--	Medicinal drugs for veterinary use.....	85,936	(NA)
	Antibiotics in bulk for animal feeds:		
2833211	Without other active agents.....	27,679	8,025
2833215	In combination with other active ingredients.....		
2833251	Vitamins for animal feeds.....	29,894	(1)
2833271	Other bulk drugs (uncompounded) for animal use.....	27,648	(1)
2833200	Medicinal drugs for veterinary use, not specified by kind.....	715	xxx
2833000	Medicinal chemicals and botanical products, not specified by kind.....	2,883	17,344
2834---	Pharmaceutical preparations <sup>2</sup> , total.....	2,344,620	1,584,692
28341--	Pharmaceutical preparations for veterinary use.....	87,706	85,774
2834111	For poultry.....	37,390	27,444
	For livestock, excluding poultry:		
2834122	Products intended for use by veterinarians only.....	19,349	*47,844
2834125	Other.....	14,319	
	For pets and small animals:		
2834132	Products intended for use by veterinarians only.....	7,280	*7,671
2834135	Other.....	7,011	
2834100	Pharmaceutical preparations for veterinary use, not specified by kind.....	2,357	2,815
28342--	Antibiotic preparations for human use.....	361,941	252,892
	Broad and medium spectrum (single or in combinations with other antibiotics, except penicillin combinations):		
2834212	Parenteral.....	33,095	(4)
2834214	Oral forms <sup>3</sup> .....	191,181	
2834216	Other forms.....	16,199	
2834222	Antibiotics in combination with sulfa drugs; all forms.....	5,823	xxx
	Penicillin (single and in combinations with mycins):		
2834232	Parenteral.....	34,671	42,727
2834234	Oral forms <sup>3</sup> .....	35,931	32,637
2834236	Other forms.....	827	1,342
2834242	Streptomycin and/or dihydrostreptomycin (all forms and combination).....	6,398	12,767
	All other antibiotic preparations:		
2834252	Parenteral.....	997	*10,945
2834254	Oral forms <sup>3</sup> .....	9,964	*135,347
2834256	Other forms.....	23,754	*16,634
2834200	Antibiotic preparations for human use, not specified by kind.....	3,101	493

See footnotes at end of table.

Table 6A.—Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2834---	Pharmaceutical preparations <sup>2</sup> --Continued		
28343--	Cough and cold preparations for human use.....	171,580	97,025
2834311	Solid oral cough products (lozenges, gums, and pastilles) to retail at over 10¢ per package <sup>5</sup> .....	11,337	4,752
	Cough syrups, elixirs, and expectorants (including narcotic preparations):		
2834322	Containing antihistamines.....	21,322	22,226
2834325	Not containing antihistamines.....	28,536	
2834343	Oral cold products (including antihistamine combinations, analgesic combinations, and/or bioflavonoid combinations, but excluding plain antihistamines, plain analgesics, and/or antibiotic combinations)	38,469	87,143
2834331	Salves and ointments.....	15,052	12,743
2834335	Nasal vasoconstrictors, including inhaler tubes (excluding plain and combination antihistamines products, antibiotic, sulfa, antihistamines and/or hormone combinations).....	18,882	712,632
	Antihistamines:		
2834351	Oral solids (excluding cold product combinations) <sup>3</sup> .....	23,219	23,386
2834352	Oral liquids (excluding cough syrups, elixirs, and expectorants).....	2,549	4,869
2834359	Other forms.....	3,933	4,214
2834398	All other cough and cold products.....	4,756	73,723
2834500	Cough and cold products, not specified by kind.....	3,525	1,337
28344--	Laxatives and stomach and ulcer preparations for human use.....	158,902	123,368
	Antacids (including products commonly used for their buffering demulcent, acid neutralizing, and coating functions, but excluding effervescent salicylate products classified as analgesics) single and in combination:		
2834412	Oral solids <sup>3</sup> .....	22,624	27,076
2834414	Oral liquids.....	32,366	*17,919
2834416	Other forms.....	2,512	1,662
	Laxatives, cathartics, purgatives, and aperients:		
2834432	Milk of magnesia, liquid and tablets.....	(8)	11,892
2834441	Mineral oils and emulsions.....	9,971	11,166
2834451	Saline preparations (excluding milk of magnesia).....	6,707	8,426
2834462	Bulk type laxatives (all forms, single and in combination).....	7,346	6,278
2834472	Vegetable (glycoside) laxatives (all forms).....	8,958	(9)
2834478	All others (all forms, including prepackaged enema preparations).....	837,782	830,441
2834481	Stomach and ulcer preparations, other than antacids, and analgesics (including anticholinergics and antispasmodics in combinations with narcotics, antibiotics, and sulfas).....	15,250	*6,683
2834498	All other gastro-intestinal medications.....	13,900	(NA)
2834400	Laxatives, and stomach and ulcer preparations for human use, not specified by kind.....	1,486	1,825
23845--	Vitamins for human use.....	300,659	*215,074
2834511	Parenteral preparations.....	21,991	12,543
2834521	Oral solids <sup>3</sup> .....	178,042	*127,081
2834531	Oral liquids.....	72,380	*65,741
2834541	Other forms.....	24,651	6,174
2834500	Vitamins for human use, not specified by kind.....	3,595	3,535
28346--	Analgesics, including narcotics.....	10256,319	*194,262
	External analgesics and counter-irritants:		
2834612	Ointments, jellies, pastes, creams, cerates, and salves.....	16,433	21,237
2834613	Liquids (excluding rubbing alcohol, but including liniments).....	14,298	*13,365
2834615	Rubbing alcohol.....	4,295	9,992
2834616	Other external analgesics (including irritant and counter-irritant plasters).....	1,953	1,624
	Internal analgesics, excluding narcotics and hypnotics:		
2834617	Aspirin (acetylsalicylic acid).....	51,749	49,426
2834618	Aspirin compounds, noneffervescent.....	86,079	31,538
2834619	Other internal analgesics, including effervescent type.....	53,291	39,041
	Internal analgesics, narcotic (excluding cough and cold items, gastro-intestinal preparations) single and in combination:		
2834662	Parenteral.....	10,109	*8,194
2834665	Oral <sup>3</sup> .....	15,595	*19,788
2834668	Other.....	2,517	57
28347--	Tranquilizers, sedatives, and hypnotics.....	10236,802	(NA)
	Barbiturates in preparation without other active agents:		
2834711	Parenteral.....	7,501	2,343
2834713	Oral solids <sup>3</sup> .....	14,767	17,333
2834719	Other forms.....	4,214	4,009
	Barbiturates in preparations containing other active agents:		
2834731	Oral solids <sup>3</sup> .....	10,956	*10,650
2834739	Other forms.....	2,639	*3,543
2834741	All other hypnotics and sedatives (except barbiturates and narcotics).....	6,699	4,770
	Tranquilizers, excluding preparations containing rauwolfia:		
2834751	Oral forms <sup>3</sup> .....	126,615	(11)
2834759	All other forms.....	10,954	(11)
2834771	Hypotensives (including rauwolfia preparations, nitrates, vasodilators, etc.).....	52,248	(11)
2834700	Tranquilizers, sedatives, and hypnotics, not specified by kind.....	209	(12)

See footnotes at end of table.



Table 6A.—Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1958	1954
2841--	Pharmaceutical preparations <sup>2</sup> --Continued		
2841--	Hormone preparations.....	<sup>10</sup> 151,354	103,532
	Cortical hormones in combination with other active agents:		
2844311	Parenteral.....	612	(13)
2844312	Oral forms <sup>3</sup> .....	5,959	
2834815	Topical.....	16,990	
2844314	Other.....	1,803	
2834371	Insulin.....	(14)	20,925
2834451	Sex hormones (androgens and/or estrogens).....	26,768	21,776
2834461	Cortical hormones, including ACTH without other active agents.....	62,875	<sup>13</sup> 54,117
2834471	Thyroid and thyroid combinations.....	5,451	3,413
2834488	Other hormonal products, including progesterone.....	<sup>14</sup> 29,857	3,301
2834488	Hormone preparations, not specified by kind.....	<sup>10</sup> 1,039	(12)
28349--	Other pharmaceutical preparations.....	569,609	(NA)
	Anesthetics:		
2834911	General (including ether, and other gases plus parenteral).....	3,580	<sup>15</sup> 15,111
2834915	Local and topical.....	12,040	
	Antiseptics, fungicides, germicides, external (including feminine hygiene products) (excluding antibiotics, mouth washes, and disinfectants):		
2834925	Ointments, jellies, pastes, creams, cerates, and salves.....	33,532	19,102
2834929	Liquids (including mercurial and iodine preparations) <sup>16</sup> .....	20,743	20,865
2834930	All other forms.....	4,630	5,896
2834931	Anti-obesity preparations.....	29,852	*21,289
2834934	Central nervous systems stimulants (all forms, excluding products intended specifically for appetite depression action).....	6,024	2,200
	Hematinics (excluding vitamin B-12):		
2834937	Oral solids <sup>9</sup> .....	27,445	22,988
2834938	Other forms.....	11,649	9,560
	Sulfonamides in preparation with or without other active agents (excluding combinations with antibiotics):		
2834971	Oral solids <sup>9</sup> .....	21,765	14,321
2834972	Oral liquids.....	9,355	7,338
2834973	Other forms.....	5,327	2,032
	Tonics and alternatives:		
2834981	Tablets, pills, lozenges, and other solid forms (including yeast tablets).....	9,853	9,017
2834983	Liquids.....	10,037	*14,842
2834988	Diagnostic aids (excluding biologicals such as antigens, blood grouping sera, etc.).....	9,343	(NA)
	Other pharmaceutical preparations for human use:		
2834991	Parenteral.....	57,773	<sup>11</sup> *63,809
2834992	Oral solids <sup>9</sup> .....	172,825	<sup>11</sup> *152,824
2834994	Oral liquids.....	23,550	<sup>11</sup> 26,064
2834998	Other forms.....	92,827	<sup>11</sup> 36,313
2834900	Other pharmaceutical preparations, not specified by kind.....	7,459	(12)
2834000	Pharmaceutical preparations, not specified by kind.....	<sup>10</sup> 49,748	<sup>12</sup> 26,546

\*Revised.

NA Not available.

xxx Not applicable.

<sup>1</sup>Codes 2833251 and 2833271 included in code 2833000 in 1954.<sup>2</sup>Separate shipment figures for ethical and proprietary preparations were shown in the 1954 Census report but similar data for 1958 are not available. See text for explanation.<sup>3</sup>Includes data for tablets, pills, capsules, lozenges, and other solid forms. Oral liquids are also included unless shown separately.<sup>4</sup>Data for "Broad and medium spectrum antibiotic preparations" included in figures for "All other antibiotic preparations" by respective forms.<sup>5</sup>Cough drops selling at retail for 10¢ or less per package are coded as primary to Industry 2071, "Confectionary products." The 1958 total for this product is \$22,545 thousand compared with the 1954 figure of \$12,520 thousand.<sup>6</sup>Includes only cold tablets in 1954.<sup>7</sup>Inhaler tubes are included with "All other cough and cold products" code 2834398 in 1954.<sup>8</sup>Code 2834432 included in code 2834478 in 1958.<sup>9</sup>Code 2834472 included in code 2834478 in 1954.<sup>10</sup>In addition an undetermined amount of each of the new product class groupings 28346, 28347, 28348, and 28349, reported as not specified by kind, is included in code 2834000, "Pharmaceutical preparations, not specified by kind."<sup>11</sup>Tranquilizers (code 2834751 and 2834759) and hypotensives (code 2834771) are included with "Other pharmaceutical preparations for human use" (code 2834991, 92, 94, and 98) in 1954.<sup>12</sup>Codes 2834700, 2834800, and 2834900 included in code 2834000 for 1954.<sup>13</sup>Data for "cortical hormones in combination with other active agents," codes 2834811, 13, 15, and 19 included in figures for "Cortical hormones, including ACTH without other active agents," code 2834861 in 1954.<sup>14</sup>Code 2834831 included in code 2834898.<sup>15</sup>Excludes topical preparations and gases in 1954.<sup>16</sup>Also see "Mouthwashes, gargles and rinses," code 2844471, Industry 2844, Toilet Preparations. The 1958 total for code 2844471 is \$21,941 thousand compared with the 1954 figures of \$6,177 thousand.

Table 6B.--Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Biological products for human use (28311):</u>	1958 <sup>1</sup>	<u>Pharmaceutical preparations for veterinary use (28341)--Continued</u>	1958 <sup>1</sup> 1954	<u>Laxatives and stomach and ulcer preparations for human use (28344):</u>	
United States, total.....	83,123	Northeast.....	26,630 40,062	United States, total:	
Northeast.....	35,355	New York.....	15,844 33,097	1958.....	158,902
New York.....	13,451	New Jersey.....	7,360 (2)	1957.....	152,850
New Jersey.....	5,147	Pennsylvania.....	2,678 3,469	1956.....	141,201
Pennsylvania.....	16,608	North Central.....	46,272 34,950	1955.....	133,051
North Central.....	36,390	Ohio.....	(1) 4,561	1954.....	123,368
Illinois.....	2,420	Indiana.....	4,114 5,456		
South.....	4,227	Illinois.....	4,156 3,798		
Maryland.....	2,866	Michigan.....	1,741 (3)		
West.....	7,151	Iowa.....	13,212 8,765		
California.....	6,817	Missouri.....	8,993 7,135		
		Nebraska.....	2,742 2,614		
		South.....	11,977 9,683		
		Virginia.....	(1) 6,046		
		Texas.....	1,466 1,511		
		West.....	2,827 1,079		
<u>Medicinal and botanical drugs, uncompounded, for human use (28331):</u>		<u>Antibiotic preparations for human use (28342):</u>	Value of shipments		
United States, total.....	302,329	United States, total:			
Northeast.....	170,317	1958.....	361,941		
New York.....	35,282	1957.....	351,364		
New Jersey.....	90,137	1956.....	287,163		
North Central.....	75,857	1955.....	259,462		
Indiana.....	12,820	1954.....	252,892		
Illinois.....	16,741	1947.....	81,830		
Michigan.....	22,259				
Iowa.....	5,929				
Missouri.....	15,960				
South.....	51,349				
Texas.....	4,502				
West.....	4,806				
California.....	4,038				
<u>Medicinal drugs for veterinary use (28332):</u>		<u>Cough and cold preparations for human use (28343):</u>	Value of shipments		
United States, total.....	85,936	United States, total.....	117,580		
Northeast.....	45,745	New England.....	1,897		
North Central.....	28,875	Middle Atlantic.....	77,415		
Illinois.....	2,076	New York.....	17,112		
South and West.....	11,316	New Jersey.....	31,150		
		Pennsylvania.....	29,153		
		North Central.....	66,089		
		Ohio.....	4,149		
		Indiana.....	21,457		
		Illinois.....	9,679		
		Missouri.....	8,013		
<u>Pharmaceutical preparations for veterinary use (28341):</u>	Value of shipments	South and West.....	26,179		
United States, total:		Tennessee.....	2,170		
1958.....	87,706	Texas.....	1,257		
1957.....	122,425	California.....	2,323		
1956.....	111,441				
1955.....	87,690				
1954.....	85,774				
1947.....	30,369				

See footnotes at end of table.



Table 6B.--Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years--Continued

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
	1958 <sup>1</sup>		1958 <sup>1</sup>		1958 <sup>1</sup>
<b>Analgesics, including narcotics (28340):</b>		<b>Tranquilizers, sedatives, and hypnotics (28347):</b>		<b>Other pharmaceutical preparations (28349):</b>	
United States, total.....	256,519	United States, total.....	236,802	United States, total.....	569,609
New England.....	6,410	Northeast.....	192,249	Northeast.....	339,629
Middle Atlantic.....	108,576	New Jersey.....	53,785	Massachusetts.....	9,325
New York.....	28,225	North Central.....	31,741	New York.....	132,281
New Jersey.....	73,491	Ohio.....	3,359	New Jersey.....	92,339
Pennsylvania.....	6,860	Illinois.....	13,273	Pennsylvania.....	100,645
East North Central.....	96,005	Michigan.....	2,295	North Central.....	190,884
Indiana.....	81,329	South and West.....	12,812	Ohio.....	4,514
Illinois.....	8,937			Indiana.....	42,594
Michigan.....	3,025	<b>Hormone preparations (28348):</b>		Illinois.....	80,927
West North Central.....	8,898	United States, total.....	151,354	Michigan.....	37,611
Missouri.....	7,011			Minnesota.....	1,853
South.....	34,646	Northeast.....	91,335	Missouri.....	18,857
Tennessee.....	11,434	New Jersey.....	37,431	South.....	25,967
West.....	1,784	North Central.....	57,601	Georgia.....	1,688
California.....	1,674	Ohio.....	1,675	Tennessee.....	7,923
		Illinois.....	8,003	Texas.....	2,171
		South and West.....	2,418	West.....	13,129
				California.....	11,650

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States indicated above or listed but the exact figures are withheld to avoid disclosure of individual company figures: 2831, Indiana, Michigan, and Florida; 28331, Massachusetts, Connecticut, Pennsylvania, Virginia, West Virginia, Georgia, and Tennessee; 28332, Connecticut, New York, Pennsylvania, New Jersey, Indiana, Missouri, Virginia, and California; 28341, Ohio, Virginia, and California; 28342, Massachusetts, New Jersey, and Illinois; 28343, Michigan, Nebraska, Virginia, North Carolina, and Georgia; 28344, Connecticut, Pennsylvania, Ohio, Michigan, Wisconsin, Missouri, Virginia, Tennessee, Mississippi, Texas, and California; 28345, Connecticut, Ohio, Wisconsin, Minnesota, Virginia, and Tennessee; 28346, Massachusetts, Connecticut, Ohio, Maryland, Virginia, and North Carolina; 28347, New York, Pennsylvania, Indiana, Virginia, and California; 28348, New York, Pennsylvania, Indiana, and Michigan; 28349, Rhode Island, Connecticut, Wisconsin, Nebraska, Virginia, West Virginia, and Mississippi.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.

Table 7.—Materials Consumed by Kind: 1958

Code	Material	Delivered cost (\$1,000)	Code	Material	Delivered cost (\$1,000)
	INDUSTRY 2834—PHARMACEUTICAL PREPARATIONS			INDUSTRY 2834—PHARMACEUTICAL PREPARATIONS—Continued	
	Materials, containers, and supplies, total.....	636,450	970099	All other materials and components, parts, and supplies consumed.....	437,889
267111	Containers:		973000	Materials, containers and supplies, not specified by kind.....	183,648
322111	Paperboard boxes and containers.....	38,895			
340001	Glass.....	52,758			
397113	Metal.....	15,236			
	Plastic.....	8,024			

<sup>1</sup>Approximately 83 percent of this figure was reported by plants with employment of 20 or more and who did not furnish a detailed breakdown for containers, supplies, etc.

## MANUFACTURES-INDUSTRY STATISTICS

Table 8.--General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2831	BIOLOGICAL PRODUCTS (entire industry)..	116	3,692	16,218	2,567	4,999	9,736	38,947	24,933	63,833	4,565
	Establishments with:										
	90% or more specialization.....	96	2,235	9,959	1,734	3,332	6,632	24,495	14,274	39,261	1,010
	75-89% specialization.....	6	465	1,995	306	620	1,089	4,667	2,570	6,982	(1)
28311	Biological products for human use (primary products class of estab.).	49	1,668	7,203	1,246	2,359	4,613	13,548	7,824	21,226	1,128
	Establishments with:										
	90% or more specialization....	39	1,079	4,626	852	1,565	3,188	7,638	4,299	12,018	646
	75-89% specialization.....	5	467	1,972	306	619	1,049	4,579	2,569	6,897	(1)
28312	Biological products for veterinary use (primary product class of estab.).....	43	1,788	8,256	1,242	2,500	4,783	24,485	16,482	41,085	832
	Establishments with:										
	90% or more specialization....	32	664	3,206	480	938	1,895	6,649	6,573	13,099	(1)
2833	MEDICINALS AND BOTANICALS (entire industry).....	129	10,246	62,877	6,640	13,810	35,500	175,817	148,935	322,286	33,866
	Establishments with:										
	90% or more specialization.....	92	1,964	10,651	1,433	2,845	6,599	23,742	40,783	63,962	7,902
	75-89% specialization.....	9	1,174	6,500	835	1,708	4,219	44,614	25,937	70,103	2,473
28331	Medicinal and botanical drugs, uncompounded for human use (primary products class of estab.).....	79	8,898	54,701	5,949	12,531	32,462	157,120	112,804	267,750	32,575
	Establishments with:										
	90% or more specialization....	47	1,134	5,885	820	1,673	3,678	10,987	15,648	26,538	1,071
	75-89% specialization.....	9	529	3,257	409	835	2,233	8,862	7,296	16,012	6,164
28332	Medicinal drugs for veterinary use (primary products class of estab.).	30	1,182	7,529	560	1,049	2,579	17,246	34,560	51,401	1,175
	Establishments with:										
	90% or more specialization....	22	259	1,506	146	275	699	4,830	15,923	20,428	594
2834	PHARMACEUTICAL PREPARATIONS (entire industry).....	1,114	82,002	466,596	45,708	91,374	205,459	1,881,524	700,632	2,591,831	66,652
	Establishments with:										
	90% or more specialization.....	968	44,433	242,053	23,462	45,759	100,220	1,093,436	359,840	1,456,971	38,483
	75-89% specialization.....	56	28,150	176,033	16,651	34,261	82,335	579,795	228,658	815,264	19,454
28341	Pharmaceutical preparations for veterinary use (primary products class of estab.).....	87	2,251	11,858	1,129	2,197	4,127	36,238	30,697	66,943	3,310
	Establishments with:										
	90% or more specialization....	59	866	3,953	424	794	1,329	11,917	10,302	22,192	826
28343	Cough and cold preparations for human use (primary product class of estab.).....	63	2,644	12,691	1,544	2,979	5,282	60,490	24,380	84,893	948
	Establishments with:										
	90% or more specialization....	30	364	1,631	226	417	730	10,909	4,007	14,855	(1)
	75-89% specialization.....	4	44	179	24	38	65	788	348	1,162	...
28344	Laxatives and stomach and ulcer preparations for human use (primary product class of estab.)..	72	3,920	21,172	1,794	3,572	7,201	84,697	28,820	113,483	2,162
	Establishments with:										
	90% or more specialization....	38	936	5,172	683	1,410	2,833	31,186	8,951	40,189	608
	75-89% specialization.....	13	673	3,581	345	653	1,431	15,542	4,830	20,589	(1)
28345	Vitamins for human use (primary product class of estab.).....	131	9,598	51,445	5,609	11,708	24,878	131,450	121,837	254,221	6,984
	Establishments with:										
	90% or more specialization....	47	664	3,126	399	762	1,483	6,736	5,438	12,153	(1)
	75-89% specialization.....	20	2,663	16,312	1,287	2,646	6,154	43,279	29,206	72,158	2,262
28346	Analgesics, including narcotics (primary product class of estab.)..	122	6,750	34,290	3,955	7,966	15,726	204,794	64,020	265,545	4,814
	Establishments with:										
	90% or more specialization....	84	1,591	7,107	1,095	2,166	4,073	48,116	15,422	64,160	687
	75-89% specialization.....	7	311	1,596	133	258	461	5,998	2,028	7,961	(D)
28348	Hormone preparations (primary product class of estab.).....	16	5,346	33,807	2,871	5,496	14,848	163,760	51,006	216,029	9,263
	Establishments with:										
	90% or more specialization....	5	29	210	21	35	112	604	1,003	1,598	(D)
28349	Other pharmaceutical preparations (primary product class of estab.)..	345	19,394	99,076	10,081	19,671	39,950	422,488	130,991	556,509	15,490
	Establishments with:										
	90% or more specialization....	211	3,278	17,382	1,665	3,033	6,491	54,735	15,328	70,220	1,500
	75-89% specialization.....	23	662	2,309	553	1,033	1,808	7,390	5,125	12,367	(1)

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Less than \$500 thousand.



# Soaps, Detergents, and Cleaning Preparations, Perfumes, Cosmetics and Other Toilet Preparations

This report shows 1958 Census of Manufactures statistics for establishments classified into each of the following industries:

## S. I. C. Code and Title (1957 Edition)

- 2841—Soap and other detergents, except specialty cleaners
- 2842—Specialty cleaning, polishing, and sanitation preparations, except soap and detergents
- 2843—Surface active agents, finishing agents, sulfonated oils and assistants
- 2844—Perfumes, cosmetics, and other toilet preparations

In classifying establishments included in this group, no distinction was made between manufacturers of soap products produced from fats and alkalies, and those produced from purchased soap (soap converters) as was done in 1954. In addition, no distinction is made between establishments producing soap products from those producing synthetic detergents. For definitions of new industries based upon the 1957 edition of the Standard Industrial Classification Manual, see text below.

While product data for synthetic detergents were compiled separately (see table 6A), no attempt was made to secure product detail for bulk surface active agents as detailed figures for these products are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales." Establishments reporting to the Bureau of the Census furnished dollar values for all bulk surface active agents, distinguishing between those primarily used for detergent purposes and those for other purposes. For sulfated and sulfonated oils, fats, and waxes, quantities shipped were also reported to the Bureau of the Census. As indicated in the table below, the dollar values reported to the Bureau of the Census differ from those reported to the United States Tariff Commission as follows:

SHIPMENTS OF BULK SURFACE ACTIVE AGENTS  
(In thousands of dollars)

Code	Product	Reported to--	
		Census Bureau	Tariff Commission
	Total.....	170,248	235,372
2843011	Sulfonated oils and fats..	29,708	5,626
2843081	Other bulk surface agents primarily for detergent purposes.....	70,426	229,746
2843091	Emulsifiers, wetting agents, penetrants, etc..	70,114	

The Census total for bulk surface active agents is less than the figure published by the United States Tariff Commission partly because of reporting differences. The

Census classification system distinguishes between the chemical shipped as such, as well as among the finished products into which these chemicals are incorporated, such as packaged or bulk synthetic detergents, shampoos, dentifrices, leather or textile softeners and assistants, wetting agents for agricultural, insecticidal, and fungicidal preparations or quaternary ammonium compounds. Thus, sizeable amounts, which were reported to the Tariff Commission as bulk surface active agents, were reported to the Census Bureau as finished packaged detergents or other chemical specialty products.

In addition, the totals for each of these specific groups of bulk surface products differ because the census reports requested that product data be reported separately for bulk surface active agents on the basis of end use rather than by chemical composition. For example, product distinctions were made between bulk surface active agents used mainly for detergent purposes and other bulk surface active agents such as emulsifiers, penetrants, etc. rather than on the basis of whether they were cyclic or acyclic. The census figures also include data for additives, diluents, processing and packaging, whereas the Tariff Commission data are stated in terms of 100% active material. In addition, the Bureau of the Census required dollar evaluations for interplant transfers even when the products so shipped were entirely consumed by other plants of the same company. In reporting to the Tariff Commission, this transfer may not be reported as a sale, although the Commission requires that production be reported whether the products are consumed in the same plant or not.

Other principal causes for the differences are due to "coverage." Sulfonated oils and fats as defined by the Tariff Commission are limited to sulfonates of animal, vegetable, and marine origin; whereas the census definition includes these products as well as the sulfonated acids, amides, and esters.

## 2841—Soap and Other Detergents, Except Specialty Cleaners

This industry comprises establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in Industry 2844; and synthetic glycerin in Industry 2818. For a detailed list of products of Industry 2841, refer to table 6A, product codes 2841112 to 2841653.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Table 1A shows that 359 establishments with 8,880 employees, formerly included in the old Industry 2842, Clean-



ing and Polishing Preparations, are now reclassified into the new Industry 2841, Soap and Other Detergents. The reclassification of these plants was caused by the change in definition of Industry 2841 to include establishments primarily engaged in the manufacture of synthetic organic detergents.

In addition soap or soap base shaving preparations formerly classified in this industry are now considered primary to Industry 2844, Toilet Preparations. However, this reclassification did not affect the classification of any manufacturing establishment.

Value of shipments and other receipts of the Soap and Other Detergents Industry in 1958 totaled \$1,606 million. This included shipments of soap and other detergents, except specialty cleaners, (primary products), valued at \$1,331 million, shipments of other products (secondary products) valued at \$225 million, and miscellaneous receipts including resale items of \$50 million.

This industry's shipments of soaps and other detergents except specialty cleaners (primary products) in 1958 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). In 1954, the percentage was 84. Secondary products shipped by this industry in 1958 consisted mainly of dentifrices, including mouthwashes, gargles, and rinses; specialty cleaning and sanitation products; and surface active and finishing agents.

The employment figures, cost of materials, value added and other input factors (tables 1-4) correspond to the total of all receipts for the establishments classified in the industry, including shipments of primary and secondary products as well as other receipts. Note that this total differs from total shipments of the primary products as shown in table 6A.

The Soap and Other Detergent Industry's shipments of soaps and detergents (primary products) in 1958 represented 91 percent (coverage ratio) of these products valued at \$1,464 million shipped by all industries. Other industries shipping soap and detergents (primary products) consisted mainly of Industry 2842, Polishes and Sanitation Goods, \$25 million; and Industry 2818, Organic Chemicals, N.E.C. of between 20 and 25 million dollars.

#### 2842--Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents

This industry comprises establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants and deodorants; dry cleaning preparations; and other sanitation preparations. For a detailed list of products of Industry 2842, refer to table 6A, product codes 2842112 to 2842498.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified under the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. This table shows that 249 plants accounting for 4,318 employees were reclassified from the old Industry 2899, Chemical Products, N.E.C. into the new Industry 2842, Polishes and Sanitation Goods. This reclassification was caused by the inclusion in the new industry of such products as household insecticides and repellants, disinfectants and nonpersonal deodorants. Off-

setting the new products added to Industry 2842, plants primarily producing synthetic organic detergents were reclassified into the new Industry 2841, Soap and Other Detergents (see table 1A for Industry 2841). Surface active agents for detergent purposes formerly classified in this industry are now included in Industry 2843, Surface Active Agents.

Value of shipments and other receipts of the Polishes and Sanitation Goods Industry in 1958 totaled \$585 million. This included shipments of specialty cleaning, polishing, and sanitation preparations except soap and detergents (primary products), valued at \$430 million, shipments of other products (secondary products) valued at \$79 million, and miscellaneous receipts of \$76 million.

This industry's shipments of specialty cleaning, polishing, and sanitation preparations, except soap and detergents (primary products) in 1958 represented 84 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of soap and detergents, \$25 million and chemical products, n.e.c., \$12 million.

The employment figures, cost of materials, value added and other input factors (tables 1-4) correspond to the total of all receipts for the establishments classified in the industry, including shipments of primary and secondary products as well as other receipts. Note that this total differs from total shipments of the primary products as shown in table 6A.

The Polishes and Sanitation Goods Industry's shipments of polishes and sanitation preparations (primary products) in 1958 represented 80 percent (coverage ratio) of these products valued at \$536 million shipped by all industries. Other industries shipping polishes and sanitation preparations (primary products) consisted mainly of Industry 2841, Soap and Other Detergents, \$37 million and Industry 2844, Toilet Preparations, \$6 million.

#### 2843--Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants

This industry comprises establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included. For a detailed list of products of Industry 2843, refer to table 6A, product codes 2843011 to 2843091.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

Table 1A shows that 39 establishments with 1,326 employees formerly included in the old Industries 2829, Organic Chemicals, N.E.C.; 2842, Cleaning and Polishing Preparations; and 2899, Chemical Products, N.E.C., are now reclassified into the new Industry 2843, Surface Active Agents. The reclassification of these plants was caused by the change in definition of Industry 2843 to include establishments primarily engaged in the manufacture of surface active agents.

Value of shipments and other receipts of the Surface Active Agents Industry in 1958 totaled \$127 million. This included shipments of surface active agents, finishing



agents, sulfonated oils and assistants (primary products), valued at \$96 million, shipments of other products (secondary products) valued at \$24 million, and miscellaneous receipts of \$7 million.

This industry's shipments of surface active agents, finishing agents, and sulfonated oils and assistants (primary products) in 1958 represented 80 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of industrial organic chemicals, \$14 million; and plastics materials \$4 million.

Industry 2843 shipments of surface-active agents, finishing agents, sulfonated oils and assistants (primary products) in 1958 represented 45 percent (coverage ratio) of these products valued at \$210 million shipped by all industries. Other industries shipping sulfonated oils and assistants surface active agents, finishing agents, (primary products) consisted mainly of Industry 2911, Petroleum Refining, \$30 million; Industry 2815, Intermediate Coal Tar Products, \$17 million; and Industry 2818, Organic Chemicals, N.E.C., \$17 million.

#### 2844--Perfumes, Cosmetics, and Other Toilet Preparations

This industry comprises establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in Industry 2818, and essential oils in Industry 2899. For a detailed list of products of

Industry 2844, refer to table 6A, product codes 2844131 to 2844598.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2844 from code number 2893 in the previous classification system but were only slightly changed as to content. Establishments primarily producing shaving preparations, formerly classified in old Industry 2841, Soap and Glycerin, are now reclassified into the new Industry 2844, Toilet Preparations.

Value of shipments and other receipts of the Toilet Preparations Industry in 1958 totaled \$1,059 million. This included shipments of perfumes, cosmetics, and other toilet preparations (primary products), valued at \$911 million, shipments of other products (secondary products) valued at \$85 million, and miscellaneous receipts of \$63 million.

This industry's shipments of perfumes, cosmetics, and other toilet preparations (primary products) in 1958 represented 91 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 91 percent. Secondary products shipped by this industry in 1958 consisted mainly of pharmaceutical preparations, \$50 million; and soap and other detergents, except specialty cleaners, \$13 million.

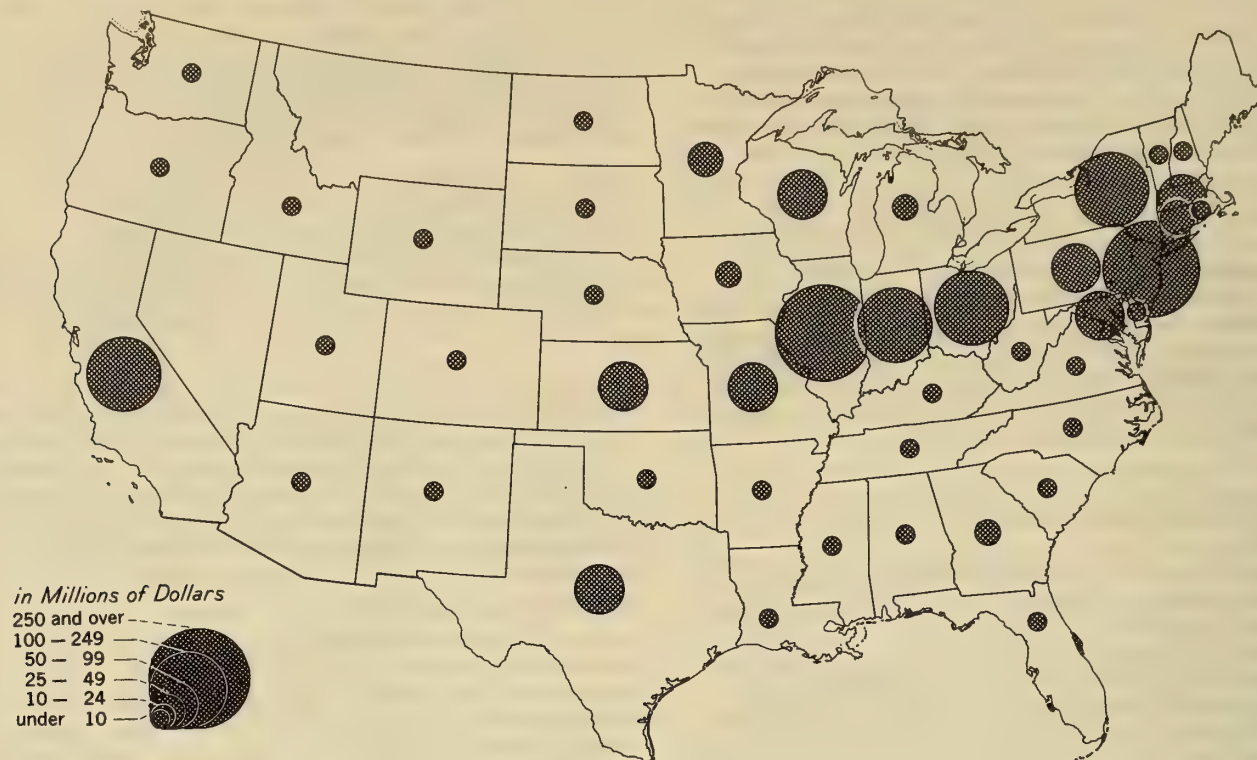
Industry 2844 shipments of perfumes, cosmetics, and other toilet preparations (primary products) in 1958 represented 81 percent (coverage ratio) of these products valued at \$1,120 million shipped by all industries. In 1954, the coverage ratio was 77 percent. Other industries shipping perfumes, cosmetics, and other toilet preparations (primary products) consisted mainly of Industry 2834, Pharmaceutical Preparations, \$58 million; and Industry 2841, Soap and Other Detergents, \$111 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

28D-4 SOAP, DETERGENTS, CLEANING PREPARATIONS, AND TOILET PREPARATIONS

SOAP, DETERGENTS AND CLEANING PREPARATIONS, PERFUMES,  
COSMETICS, AND OTHER TOILET PREPARATIONS: SIC 284

Value Added by Manufacture by State: 1958



Includes Industries 2841, 2842, 2843 and 2844. See Table 2.

Bureau of the Census M-58-D284



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Conversion ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2841	Soap and other detergent: <sup>8</sup> 1958.....	469	608	163	29,603	181,485	18,180	36,779	97,294	857,585	747,777	1,605,935	17,795	86	91
2842	Polishes and sanitation goods: <sup>8</sup> 1958.....	813	1,156	188	16,429	82,594	9,352	17,840	35,603	295,566	290,021	585,029	7,082	84	80
2843	Surface active agents: <sup>8</sup> 1958.....	120	142	46	3,122	19,484	1,835	3,707	8,870	52,421	73,317	126,624	3,127	80	45
2844 (old SIC 2893)	Toilet preparations: 1951.....	721	748	181	29,464	133,951	18,541	36,010	66,685	697,529	358,933	1,059,161	14,314	91	81
	1957.....	(NA)	(NA)	(NA)	28,558	126,986	18,092	35,716	61,441	629,286	292,346	870,615	19,514	89	80
	1956.....	(NA)	(NA)	(NA)	26,373	115,523	17,213	34,525	55,946	565,935	260,461	785,569	24,182	(NA)	(NA)
	1955.....	(NA)	(NA)	(NA)	25,721	100,972	16,411	32,029	49,942	506,117	231,565	709,303	9,139	(NA)	(NA)
	1954.....	693	710	167	24,809	94,726	16,185	31,051	47,728	432,475	231,849	667,082	7,537	91	71
	1953.....	(NA)	(NA)	(NA)	23,128	84,237	15,276	(NA)	43,586	381,536	193,506	575,042	(NA)	(NA)	(NA)
	1952.....	(NA)	(NA)	(NA)	25,373	88,108	17,253	(NA)	46,188	391,470	200,650	592,120	(NA)	(NA)	(NA)
	1951.....	(NA)	(NA)	(NA)	26,050	85,021	17,595	(NA)	43,366	317,018	186,665	503,683	(NA)	(NA)	(NA)
	1950.....	(NA)	(NA)	(NA)	25,689	75,455	17,883	(NA)	40,799	300,712	173,494	474,206	(NA)	(NA)	(NA)
	1949.....	(NA)	(NA)	(NA)	25,543	73,354	17,353	(NA)	38,790	278,793	154,160	432,953	(NA)	(NA)	(NA)
	1947.....	692	719	(NA)	27,247	69,398	19,047	(NA)	38,978	232,118	149,258	381,371	(NA)	84	72
	1939.....	(NA)	539	(NA)	15,614	21,717	10,363	(NA)	9,644	88,956	58,510	147,466	(NA)	(NA)	(NA)
	1937.....	(NA)	478	(NA)	13,063	15,514	10,158	(NA)	9,262	78,431	53,905	132,336	(NA)	(NA)	(NA)
	1935.....	(NA)	558	(NA)	13,128	16,121	9,662	(NA)	8,586	74,770	44,759	119,529	(NA)	(NA)	(NA)
	1933.....	(NA)	490	(NA)	11,261	11,336	8,978	(NA)	7,470	63,874	33,175	97,049	(NA)	(NA)	(NA)
	1931 <sup>10</sup> .....	(NA)	658	(NA)	(NA)	(NA)	10,026	(NA)	9,674	109,634	44,184	153,818	(NA)	(NA)	(NA)
	1929.....	(NA)	815	(NA)	19,229	29,870	13,109	(NA)	13,763	135,142	58,299	193,441	(NA)	(NA)	(NA)
	1927.....	(NA)	705	(NA)	15,875	23,559	10,463	(NA)	10,965	108,481	52,765	161,246	(NA)	(NA)	(NA)
	1925.....	(NA)	594	(NA)	13,158	18,698	8,714	(NA)	8,537	82,577	46,933	129,510	(NA)	(NA)	(NA)
	1923.....	(NA)	465	(NA)	11,906	15,959	7,761	(NA)	7,102	62,605	37,636	100,241	(NA)	(NA)	(NA)
	1921.....	(NA)	422	(NA)	8,988	11,264	5,838	(NA)	5,358	44,528	28,013	72,541	(NA)	(NA)	(NA)
	1919.....	(NA)	569	(NA)	9,073	10,413	5,405	(NA)	3,983	33,466	26,147	59,613	(NA)	(NA)	(NA)
	1914.....	(NA)	496	(NA)	5,037	3,748	2,897	(NA)	1,280	9,434	7,465	16,899	(NA)	(NA)	(NA)
	1909.....	(NA)	429	(NA)	3,859	2,642	2,375	(NA)	994	8,578	5,634	14,212	(NA)	(NA)	(NA)
	1904.....	(NA)	292	(NA)	2,898	1,646	2,082	(NA)	769	6,351	4,782	11,133	(NA)	(NA)	(NA)
	1899.....	(NA)	262	(NA)	2,572	1,326	1,764	(NA)	569	3,953	3,135	7,088	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)
2844	419,666

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of Materials, etc. (\$1,000)	
	1958	1954
2844	332,640	208,986

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2844	1,006,652	628,651

Footnotes continued on next page.

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable and therefore, data prior to 1958 are not available. The details of the revision are described in the text. The resulting shifts in establishments, employment and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufacturers volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>An extensive revision was made in 1933 in the questionnaire used for "Toilet preparations." The figures for 1931, but not for earlier years, were revised to make them comparable with those for 1933. Value added by manufacture for 1931 on a basis comparable with earlier years was \$111.6 million.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2841—Soap and other detergents.....	608	163	29,603	857,585	xxx	xxx	xxx	xxx
Old Industry 2841—Soap and glycerin.....	245	76	20,638	655,669	251	78	20,722	657,005
Old Industry 2842—Cleaning and polishing preparations.....	359	85	8,880	201,431	1,295	238	21,569	435,367
All other industries <sup>1</sup> .....	4	2	85	485	xxx	xxx	xxx	xxx
New Industry 2842—Polishes and sanitation goods.....	1,156	188	16,429	295,566	xxx	xxx	xxx	xxx
Old Industry 2842—Cleaning and polishing preparations.....	901	137	11,754	218,852	1,295	238	21,569	435,367
Old Industry 2899—Chemical products, nec.....	249	48	4,318	72,831	(NA)	259	26,105	432,463
All other industries <sup>1</sup> .....	6	3	357	3,883	xxx	xxx	xxx	xxx
New Industry 2843—Surface active agents.....	142	46	3,122	52,421	xxx	xxx	xxx	xxx
Old Industry 2843—Sulfonated oils and assistants..	103	28	1,796	25,687	<sup>r</sup> 105	28	1,799	25,847
Old Industry 2829—Organic chemicals, nec.....	17	8	743	16,850	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other industries <sup>1</sup> .....	22	10	583	9,884	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

NA Not available.

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>2</sup>Not shown where the establishments reclassified out of the old SIC industry comprised less than 10 percent of adjusted value added.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947				
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number			
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)									
2841	Soap and other detergents, total <sup>2</sup> .	608	163	29,603	181,485	18,180	36,779	97,294	857,585	1,605,935	17,795	(2)	(2)	(2)			
	New England.....	47	12	1,741	10,853	1,169	2,391	6,414	53,427	94,908	1,357						
	Massachusetts...	24	8	1,473	8,968	1,021	2,117	5,793	50,262	87,754	1,291						
	Connecticut.....	14	3	214	1,593	110	202	435	2,696	5,942	(3)						
	Middle Atlantic..	154	37	7,839	45,314	5,216	10,777	27,687	197,534	359,550	5,077						
	New York.....	74	15	2,246	13,819	1,627	3,490	9,146	70,088	127,330	1,668						
	New Jersey.....	48	15	4,548	27,029	2,890	5,825	16,032	111,868	201,004	2,704						
	Pennsylvania...	32	7	1,045	4,466	699	1,462	2,509	15,578	31,216	705						
	East North Central.....	180	49	10,098	64,059	5,957	11,726	32,003	308,541	560,523	4,006						
	Ohio.....	50	16	3,483	24,089	1,991	4,020	11,045	120,140	213,978	1,869						
	Illinois.....	59	19	3,161	19,778	1,748	3,478	9,440	83,040	155,934	956						
	West North Central.....	54	20	3,424	19,430	2,231	4,446	11,441	114,341	215,181	2,691						
	Missouri.....	20	10	1,350	7,413	831	1,666	4,468	43,964	94,864	559						
	South.....	79	20	2,643	15,211	1,583	3,269	8,191	91,640	177,094	2,416						
	Tennessee.....	6	3	151	642	62	120	183	1,303	2,827	(3)						
	Mountain.....	5	1	49	202	18	32	62	117	508	...						
	Pacific.....	89	24	3,809	26,416	2,006	4,138	11,496	91,985	198,171	2,248						
	California.....	77	21	3,693	25,800	1,939	4,017	11,239	90,821	195,403	2,230						
2842	Polishes and sanitation goods, total <sup>2</sup> .....	1,156	188	16,429	82,594	9,352	17,840	35,603	295,566	585,029	7,082				(2)	(2)	(2)
	New England.....	113	19	1,785	9,834	846	1,612	3,554	31,268	62,006	813						
	Middle Atlantic..	320	62	4,928	23,587	2,972	5,720	11,268	71,146	161,279	1,982						
	New York.....	176	33	2,941	13,865	1,803	3,502	6,715	43,212	95,298	630						
	New Jersey.....	71	16	989	4,836	626	1,214	2,669	16,787	43,887	708						
	Pennsylvania...	73	13	998	4,886	543	1,004	1,884	11,147	22,094	644						
	North Central....	356	64	6,080	32,011	3,377	6,409	13,297	145,923	256,638	2,781						
	Illinois.....	80	18	1,528	7,426	1,010	1,912	3,910	39,168	76,490	1,035						
	Michigan.....	51	4	396	2,200	227	424	956	10,545	16,924	(3)						
	Minnesota.....	21	2	158	814	78	156	328	1,648	5,512	(3)						
	Iowa.....	16	1	152	830	45	87	157	1,425	2,344	(3)						
	Kansas.....	7	3	120	290	82	92	148	742	1,959	(3)						
	South.....	206	27	2,411	11,169	1,444	2,758	4,764	30,059	70,463	868						
	Georgia.....	16	4	553	3,184	225	414	720	9,397	17,775	(3)						
	Florida.....	35	1	207	780	132	250	441	2,283	4,727	(3)						
	Tennessee.....	21	3	163	482	135	242	363	2,971	6,100	(3)						
	Mississippi.....	7	4	341	1,993	208	483	885	3,712	14,880	(3)						
	Mountain.....	26	1	143	580	75	133	214	1,121	1,885	(3)						
	Pacific.....	135	15	1,082	5,413	638	1,208	2,506	16,049	32,758	580						
	California.....	125	14	1,025	5,146	605	1,155	2,374	15,588	31,917	557						
2843	Surface active agents, total <sup>2</sup> ....	142	46	3,122	19,484	1,835	3,707	8,870	52,421	126,624	3,127	(3)	(3)	(3)			
	New England.....	24	5	305	2,164	169	341	925	4,280	10,119	(3)						
	Massachusetts..	16	3	206	1,591	117	236	698	2,901	6,587	(3)						
	Middle Atlantic..	65	23	1,395	9,287	745	1,504	3,613	17,944	42,494	667						
	New York.....	15	1	96	658	64	138	307	1,711	3,905	(3)						
	New Jersey.....	30	12	819	5,394	407	816	1,897	8,811	22,777	(3)						
	Pennsylvania....	20	10	480	3,235	274	550	1,409	7,192	15,812	(3)						
	North Central....	17	8	400	2,318	233	470	1,175	5,486	16,694	640						
	South.....	30	7	893	4,731	613	1,233	2,670	20,536	47,912	1,466						
	North Carolina.	14	3	213	1,225	136	276	506	3,647	9,683	(3)						
	Pacific.....	6	3	129	984	75	159	487	4,175	9,405	(3)						
	California.....	6	3	129	984	75	159	487	4,175	9,405	(3)						
2844	Toilet preparations, total.....	748	181	29,464	133,951	18,541	36,010	66,685	697,529	1,059,161	14,314				24,809	419,666	27,247
	New England.....	30	8	1,666	7,412	1,055	2,192	3,834	37,747	58,076	815	1,872	26,723	1,940			
	Middle Atlantic..	307	88	15,881	69,841	10,115	19,763	36,357	359,755	553,223	8,247	13,179	197,993	13,938			
	New York.....	221	52	7,012	30,545	4,366	8,181	14,469	108,840	188,595	2,122	7,628	79,403	7,783			
	New Jersey.....	58	30	8,119	36,481	5,177	10,524	20,011	228,343	332,602	5,634	5,244	115,154	5,749			
	Pennsylvania...	28	6	750	2,815	572	1,058	1,877	22,572	32,026	(3)	305	3,435	406			
	East North Central.....	140	34	6,194	30,970	3,811	7,438	14,416	176,558	264,841	2,380	5,021	110,413	6,181			
	Ohio.....	24	5	1,327	8,410	595	1,219	2,729	39,994	62,788	852	(4)	(4)	(4)			
	Indiana.....	11	3	105	414	70	121	178	1,510	2,644	(D)	(4)	(4)	(4)			
	Michigan.....	19	3	223	989	155	288	580	1,523	3,107	(3)	186	1,634	225			
	West North Central.....	53	16	2,119	9,170	1,360	2,403	4,772	67,717	95,852	755	1,821	56,806	2,790			
	Missouri.....	26	6	655	2,319	370	620	982	5,728	8,029	(3)	617	5,869	917			

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employ-	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
	Toilet preparations—Continued													
	South Atlantic...	41	6	696	3,099	442	792	1,228	10,391	16,162	( <sup>3</sup> )	672	6,769	477
	East South Central.....	26	5	366	1,201	215	360	550	4,716	7,049	( <sup>3</sup> )	346	2,794	373
	Tennessee.....	15	5	333	1,136	185	316	498	4,614	6,820	( <sup>3</sup> )	304	2,670	284
	West South Central.....	36	5	299	1,064	212	391	535	3,224	5,326	( <sup>3</sup> )	236	1,539	174
	Texas.....	22	5	225	870	153	293	412	2,154	3,523	( <sup>3</sup> )	185	1,202	115
	Mountain.....	7	1	59	255	49	106	170	523	968	( <sup>3</sup> )	55	352	52
	Pacific.....	108	18	2,184	10,939	1,282	2,565	4,823	36,898	57,664	1,891	1,605	16,273	1,322
	California.....	98	18	2,151	10,802	1,253	2,518	4,703	36,396	56,902	1,884	1,574	16,048	1,269

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2841, Soap and Other Detergents: New England—New Hampshire, 1 (1-19); Vermont—Rhode Island, 8 (20-99); East North Central—Indiana, 13 (2,819); Michigan, 33 (250-499); Wisconsin, 25 (100-249); West North Central—Minnesota, 15 (100-249); Iowa, 8 (100-249); North Dakota, 1 (1-19); Nebraska, 5 (100-249); Kansas, 5 (1,498); South—Delaware, 1 (1-19); Maryland, 8 (1,154); Virginia, 1 (1-19); West Virginia, 1 (1-19); North Carolina, 10 (20-99); South Carolina, 6 (100-249); Georgia, 11 (250-499); Florida, 4 (20-99); Kentucky, 2 (1-19); Alabama, 2 (1-19); Mississippi, 1 (1-19); Louisiana, 5 (1-19); Oklahoma, 4 (1-19); Texas, 17 (500-999); Mountain—Colorado, 1 (1-19); Arizona, 2 (1-19); Utah, 2 (20-99); Pacific—Washington, 6 (20-99); Oregon, 6 (20-99).

SIC 2842, Polishes and Sanitation Goods: New England—New Hampshire, 6 (20-99); Vermont, 2 (20-99); Massachusetts, 79 (1,460); Rhode Island, 5 (20-99); Connecticut, 21 (100-249); North Central—Ohio, 62 (500-999); Indiana, 25 (500-999); Wisconsin, 38 (1,161); Missouri, 52 (1000-2499); South Dakota, 2 (1-19); Nebraska, 2 (1-19); South—Delaware, 1 (1-19); Maryland, 21 (250-499); District of Columbia, 1 (1-19); Virginia, 12 (20-99); West Virginia, 3 (1-19); North Carolina, 17 (20-99); South Carolina, 4 (1-19); Kentucky, 2 (1-19); Alabama, 6 (20-99); Arkansas, 2 (1-19); Louisiana, 7 (20-99); Oklahoma, 6 (20-99); Texas, 45 (250-499); Mountain—Idaho, 1 (1-19); Wyoming, 1 (1-19); Colorado, 16 (100-249); New Mexico, 1 (1-19); Arizona, 3 (1-19); Utah, 4 (20-99); Pacific—Washington, 5 (20-99); Oregon, 5 (1-19).

SIC 2843, Surface Active Agents: New England—Rhode Island, 8 (20-99); North Central—Ohio, 2 (20-99); Illinois, 9 (100-249); Michigan, 2 (20-99); Wisconsin, 3 (20-99); Missouri, 1 (1-19); South—Delaware, 1 (250-499); Virginia, 1 (1-19); South Carolina, 2 (20-99); Georgia, 3 (100-249); Kentucky, 1 (100-249); Tennessee, 6 (20-99); Texas, 2 (20-99).

SIC 2844, Toilet Preparations: New England—New Hampshire, 2 (1-19); Massachusetts, 11 (250-499); Connecticut, 17 (1,246); East North Central—Illinois, 77 (4,337); Wisconsin, 9 (100-249); West North Central—Minnesota, 18 (1,201); Iowa, 6 (250-499); Nebraska, 2 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 4 (100-249); District of Columbia, 3 (1-19); Virginia, 4 (100-249); West Virginia, 1 (100-249); North Carolina, 7 (20-99); South Carolina, 2 (1-19); Georgia, 6 (20-99); Florida, 14 (20-99); East South Central—Kentucky, 3 (1-19); Alabama, 5 (1-19); Mississippi, 3 (1-19); West South Central—Louisiana, 7 (20-99); Oklahoma, 7 (20-99); Mountain—Colorado, 1 (20-99); Arizona, 2 (1-19); Utah, 4 (1-19); Pacific—Washington, 5 (1-19); Oregon, 5 (1-19).

<sup>2</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (See table 1A and text of this report).<sup>3</sup>Less than \$500 thousand.<sup>4</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of line captions see Introduction)

Material	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)
Primary product specialization ratio <sup>1</sup> .....	86	84	80	91
Coverage ratio <sup>2</sup> .....	91	80	45	81
Number of establishments, total.....	608	1,156	142	748
With 1-19 employees.....	445	968	96	567
With 20-99 employees.....	109	158	41	116
With 100 employees or more.....	54	30	5	65
Proprietors and working partners.....Number..	235	512	32	268
All employees:				
Number (average for the year).....	29,603	16,429	3,122	29,464
Payroll.....\$1,000....	181,485	82,594	19,484	133,951
Production workers:				
Number (average for the year).....	18,180	9,352	1,835	18,541
March.....	17,832	9,514	1,812	17,534
May.....	17,566	9,587	1,833	17,955
August.....	19,015	9,183	1,851	19,456
November.....	18,444	9,204	1,851	19,434
Man-hours.....1,000....	36,779	17,840	3,707	36,010
January-March.....do....	9,008	4,386	940	8,308
April-June.....do....	8,889	4,409	924	8,710
July-September.....do....	9,275	4,117	854	8,942
October-December.....do....	9,335	4,315	942	9,575
Wages.....\$1,000....	97,294	35,603	8,870	66,685
Cost of materials, etc., total.....do....	747,777	290,021	73,317	358,933
Materials, parts, containers, and supplies consumed.....do....	707,612	242,290	66,602	317,196
Cost of resales.....do....	27,135	42,904	4,937	26,293
Fuels consumed.....do....	8,102	1,793	1,166	1,428
Electricity purchased.....do....	3,266	1,426	493	1,528
Contract work.....do....	1,652	1,610	117	12,346
Value of shipments (including resales), total.....do....	1,605,935	585,029	126,624	1,059,161
Value of resales.....do....	48,236	72,796	6,399	57,732
Value added by manufacture, adjusted.....do....	857,585	295,566	52,421	697,529
Manufacturers' inventories:				
Beginning of year, total.....do....	157,417	61,802	16,852	122,207
Finished products.....do....	74,721	30,758	9,263	52,635
Work-in-process.....do....	20,793	4,506	1,442	8,687
Materials, supplies, fuel, etc.....do....	61,903	26,538	6,147	60,885
End of year, total.....do....	160,235	63,106	16,044	117,089
Finished products.....do....	77,993	31,950	8,528	50,305
Work-in-process.....do....	16,948	3,872	1,291	8,318
Materials, supplies, fuel, etc.....do....	65,294	27,284	6,225	58,466
Expenditures for plant and equipment, total.....do....	17,943	7,395	3,157	14,583
New, total.....do....	17,795	7,082	3,127	14,314
New structures and additions to plant.....do....	3,348	2,237	545	6,565
New machinery and equipment.....do....	14,447	4,845	2,582	7,749
Used plant and equipment.....do....	148	313	30	269

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>r</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.) Also see table 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

## MANUFACTURES—INDUSTRY STATISTICS

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2841	Soaps and other detergents:											
	Number of establishments.....	608	266	99	80	78	31	25	16	7	5	1
	All employees:											
	Number.....	29,603	538	670	1,042	2,245	2,129	3,865	5,830	4,634	8,650	(D)
	Payroll.....\$1,000..	181,485	2,111	3,196	5,297	12,672	11,365	21,841	39,391	31,572	54,040	(D)
	Value added, adjusted..do....	857,585	5,594	9,358	13,796	31,759	34,611	98,468	220,789	173,616	269,594	(D)
	Value of shipments.....do....	1,605,935	12,056	21,153	29,111	70,956	65,595	190,562	428,742	306,547	481,213	(D)
	Capital expend., new...do....	17,795	(1)	531	(1)	909	693	3,017	2,411	4,876	4,792	(D)
2842	Polishes and sanitation goods:											
	Number of establishments.....	1,156	610	210	148	122	36	25	4	1	...	...
	All employees:											
	Number.....	16,429	1,180	1,432	1,952	3,627	2,447	3,545	2,246	(D)	...	...
	Payroll.....\$1,000..	82,594	3,848	6,366	9,465	18,540	12,802	18,166	13,407	(D)	...	...
	Value added, adjusted..do....	295,566	11,040	14,717	22,596	55,301	46,306	67,658	77,948	(D)	...	...
	Value of shipments.....do....	585,029	22,027	30,637	50,536	117,470	93,446	130,523	140,390	(D)	...	...
	Capital expend., new...do....	7,082	500	732	783	1,415	839	1,934	879	(D)	...	...
2843	Surface active agents:											
	Number of establishments.....	142	34	34	28	31	10	4	1	...	...	...
	All employees:											
	Number.....	3,122	60	225	394	976	642	825	(D)	...	...	...
	Payroll.....\$1,000..	19,484	311	1,422	2,765	6,154	4,367	4,465	(D)	...	...	...
	Value added, adjusted..do....	52,421	1,071	3,191	7,496	14,612	10,078	15,973	(D)	...	...	...
	Value of shipments.....do....	126,624	2,455	7,346	19,136	39,624	23,128	34,935	(D)	...	...	...
	Capital expend., new...do....	3,127	(1)	(1)	(1)	1,164	(1)	1,053	(D)	...	...	...
2844	Toilet preparations:											
	Number of establishments.....	748	384	108	75	77	39	34	20	8	3	...
	All employees:											
	Number.....	29,464	729	713	1,009	2,407	2,767	5,538	7,249	5,375	3,677	...
	Payroll.....\$1,000..	133,951	2,265	2,766	4,167	10,425	11,310	24,822	34,389	26,615	17,192	...
	Value added, adjusted..do....	697,529	7,174	7,706	11,079	25,658	62,495	105,544	221,908	166,997	88,968	...
	Value of shipments.....do....	1,059,161	12,577	14,449	20,721	50,283	87,138	173,453	324,800	245,016	130,724	...
	Capital expend., new...do....	14,314	(1)	(1)	(1)	726	1,028	1,610	4,111	4,472	1,258	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
Col. B Col. B+C (percent)	Col. G Col. F (percent)									
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)		
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
2841	Soap and other detergents.....1958..	1,605,935	1,331,443	224,735	49,757	86	1,463,841	1,331,443	132,398	91
	1954..	(NA)	(NA)	(NA)	(NA)	(NA)	1,079,860	(NA)	(NA)	(NA)
2842	Polishes and sanitation goods...1958..	585,029	429,571	79,025	76,433	84	536,334	429,571	106,763	80
	1954..	(NA)	(NA)	(NA)	(NA)	(NA)	417,358	(NA)	(NA)	(NA)
2843	Surface active agents.....1958..	126,624	95,437	24,081	7,106	80	209,807	95,437	114,370	45
	1954..	(NA)	(NA)	(NA)	(NA)	(NA)	165,884	(NA)	(NA)	(NA)
2844	Toilet preparations.....1958..	1,059,161	911,160	85,244	62,757	91	1,120,485	911,160	209,325	81
	1954..	667,082	569,698	53,555	43,829	91	728,681	569,698	158,983	77

NA Not available.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Class of products and miscellaneous receipts	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)	Inter-mediate coal tar products (SIC 2815)	Organic chemicals, nec (SIC 2818)	Plastics materials (SIC 2821)	Other industries	All industries
	Total shipments and receipts of the industry.....	1,605,935	585,029	126,624	1,059,161	xxx	xxx	xxx	xxx	xxx
284-	Cleaning and toilet goods.....	<sup>1</sup> 1,499,642	<sup>1</sup> 465,128	<sup>1</sup> 98,182	<sup>1</sup> 930,540	xxx	xxx	xxx	xxx	xxx
28411	Alkaline detergents and acid-type cleaners..	110,627	9,515	914	127	( <sup>2</sup> )	...	( <sup>2</sup> )	<sup>r</sup> 23,201	<sup>r</sup> 144,481
28412	Soaps, except specialty cleaners, bulk.....	43,572	7,714	( <sup>2</sup> )	...	...	...	( <sup>2</sup> )	2,629	53,997
28413	Soaps, except specialty cleaners, packaged..	290,517	2,429	...	13,411	...	...	...	7,225	313,582
28414	Glycerin.....	41,982	( <sup>2</sup> )	( <sup>2</sup> )	...	...	22,642	( <sup>2</sup> )	<sup>4</sup> 5,613	70,374
28415	Synthetic organic detergents, packaged.....	789,139	2,033	...	( <sup>2</sup> )	...	(D)	...	<sup>r</sup> (D)	<sup>r</sup> 807,699
28416	Synthetic organic detergents, bulk.....	48,974	2,766	(D)	...	...	...	(D)	(D)	<sup>r</sup> 66,904
28410	Soap and other detergents, except specialty cleaners, nsk.....	6,632	( <sup>2</sup> )	( <sup>2</sup> )	...	...	...	...	...	6,804
28421	Household insecticides and repellants.....	945	70,437	...	1,058	...	...	...	<sup>5</sup> 13,478	85,918
28423	Specialty cleaning and sanitation products..	31,706	111,813	(D)	4,470	...	(D)	...	<sup>6</sup> 32,495	181,477
28424	Polishing preparations and related products.	4,094	219,793	( <sup>2</sup> )	242	...	( <sup>2</sup> )	(D)	<sup>7</sup> 14,738	240,316
28420	Specialty cleaning, polishing, and sanitation preparations, except soap and detergents, nsk.....	537	27,528	( <sup>2</sup> )	...	...	...	(D)	416	28,623
28430	Surface active and finishing agents.....	20,003	773	95,437	...	17,475	17,324	2,097	<sup>8</sup> 56,698	209,807
28441	Shaving preparations.....	(D)	3,951	...	44,642	...	...	...	(D)	74,944
28442	Perfumes, toilet water, and colognes.....	219	...	( <sup>2</sup> )	91,182	(D)	...	...	<sup>9</sup> 7,231	103,449
28443	Hair preparations (including shampoos).....	(D)	2,118	( <sup>2</sup> )	276,916	...	...	...	(D)	315,804
28444	Dentifrices, including mouth washes, gargles, and rinses.....	(D)	(D)	...	120,678	...	...	...	(D)	197,833
28445	Other cosmetics and toilet preparations.....	(D)	(D)	...	362,469	...	...	...	<sup>10</sup> 38,819	412,854
28440	Perfumes, cosmetics, and other toilet preparations, nsk.....	...	(D)	...	15,273	...	...	...	(D)	15,601
	Other products.....	56,536	43,468	21,336	65,864	xxx	xxx	xxx	xxx	xxx
20941	Grease and inedible tallow.....	2,691	...	...	...	xxx	xxx	xxx	xxx	xxx
28182	Miscellaneous acyclic chemicals and chemical products.....	1,241	( <sup>2</sup> )	9,762	1,709	xxx	xxx	xxx	xxx	xxx
2819-	Inorganic chemicals, nec.....	19,220	443	234	( <sup>2</sup> )	xxx	xxx	xxx	xxx	xxx
28213	Synthetic resins (excluding resins for protective coatings).....	( <sup>11</sup> )	( <sup>11</sup> )	3,553	...	xxx	xxx	xxx	xxx	xxx
28344	Laxatives and stomach and ulcer preparations for human use.....	...	...	...	5,969	xxx	xxx	xxx	xxx	xxx
28346	Analgesics, including narcotics.....	( <sup>11</sup> )	210	...	39,192	xxx	xxx	xxx	xxx	xxx
28347	Tranquilizers, sedatives, and hypnotics.....	...	( <sup>2</sup> )	...	3,118	xxx	xxx	xxx	xxx	xxx
28349	Other pharmaceutical preparations.....	( <sup>11</sup> )	47	...	2,215	xxx	xxx	xxx	xxx	xxx
28520	Putty, caulking compounds, and allied products.....	4,164	2,322	...	( <sup>2</sup> )	xxx	xxx	xxx	xxx	xxx
2873-	Agricultural pesticides.....	128	6,421	...	32	xxx	xxx	xxx	xxx	xxx
28940	Fatty acids.....	2,902	...	( <sup>2</sup> )	...	xxx	xxx	xxx	xxx	xxx
28993	Essential oils, fireworks, and pyrotechnics, chemicals, and chemical preparations, nec..	4,800	12,386	( <sup>2</sup> )	240	xxx	xxx	xxx	xxx	xxx
29926	Lubricating oils (made from purchased materials).....	336	3,098	...	...	xxx	xxx	xxx	xxx	xxx
39813	Other brushes.....	...	4,440	...	( <sup>11</sup> )	xxx	xxx	xxx	xxx	xxx
39993	Other miscellaneous fabricated products.....	( <sup>2</sup> )	( <sup>2</sup> )	...	5,174	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	<sup>12</sup> 21,054	14,101	7,787	<sup>13</sup> 8,215	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	49,757	76,433	7,106	62,757	xxx	xxx	xxx	xxx	xxx
	Resales.....	48,236	72,796	6,399	57,732	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,521	3,637	707	5,025	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures of individual companies. <sup>r</sup>Revised.

<sup>1</sup>As shown in table 5A, the primary product total for Industry 2841 is \$1,331,443 thousand, or the sum of product classes 28410 through 28416; for Industry 2842, the total is \$429,571 thousand, or the sum of product classes 28420 through 28424; for Industry 2843, the total is \$95,437 thousand or the value for product class 28430; for Industry 2844, the total is \$91,160 thousand, or the sum of product classes 28440 through 28445.

<sup>2</sup>Less than \$100 thousand.

<sup>3</sup>Includes \$6 million shipped by Industry 2899, Chemical Preparations, NEC. In addition, the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine.

<sup>4</sup>Includes \$5 million shipped by Industry 2894, Fatty Acids.

<sup>5</sup>Includes \$3 million shipped by Industry 2834, Pharmaceutical Preparations, and \$2 million shipped by Industry 2873, Agricultural Pesticides.

<sup>6</sup>Includes \$2 million shipped by Industry 2099, Food Preparations, NEC; \$5 million by Industry 2834, Pharmaceutical preparations; and \$5 million by Industry 2899, Chemical Preparations, NEC.

<sup>7</sup>Includes \$2 million shipped by Industry 2851, Paints and Varnishes.

<sup>8</sup>Includes \$30 million shipped by Industry 2911, Petroleum Refining, and \$4 million by Industry 3069, Fabricated Rubber Products, NEC. In addition, the following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine.

<sup>9</sup>Includes \$5 million shipped by Industry 2899, Chemical Preparations, NEC.

<sup>10</sup>Includes \$25 million shipped by Industry 2834, Pharmaceutical Preparations. In addition, the following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: 3842, Surgical Appliances and Supplies.

<sup>11</sup>Included in other secondary products to avoid disclosure of individual company figures.

<sup>12</sup>Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20950, Animal and marine oil mill products, including foots, and 28213, Synthetic resins (excluding resins for protective coatings).

<sup>13</sup>Includes the following product class which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: 29110 Other finished petroleum products, including waxes.

**Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954**

Product code	Product	Unit of measure	1958			1954		
			Production for all purposes (quantity)	Total shipments including interplant transfers		Production for all purposes (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2841---	Soap and other detergents, except specialty cleaners....	.....	xxx	xxx	1,463,841	xxx	xxx	1,079,860
28411--	Alkaline detergents and acid-type cleaners.....	.....	xxx	xxx	<sup>r</sup> 144,481	xxx	xxx	(NA)
	Alkaline detergents:							
2841112	Liquid preparations (detergents).....	1,000 gals.	16,802	15,929	17,476	9,979	9,414	5,997
2841151	Solid detergents (including bars, flake, or powder): Packaged (in individual containers of 25 lbs. or less).....	1,000 lbs..	139,383	139,177	26,225	142,867	143,332	21,874
2841155	Bulk (in individual containers of more than 25 lbs.).....	...do.....	<sup>r</sup> 524,500	<sup>r</sup> 525,710	<sup>r</sup> 77,082	452,709	430,138	40,687
	Acid-type cleaners (containing an acid and/or wetting agent, and/or inorganic fillers):							
2841171	Dairy and food processing cleaners.....	...do.....	35,268	34,908	5,379	(1)	(1)	(1)
2841175	Metal cleaners.....	...do.....	50,491	51,228	8,828			
2841179	All others.....	...do.....	33,396	30,895	5,007			
2841100	Alkaline detergents and acid-type cleaners, not specified by kind.....	.....	xxx	xxx	4,484	xxx	xxx	2,814
28412--	Soaps, except specialty cleaners, bulk.....	.....	xxx	xxx	53,997	xxx	xxx	49,021
	Bulk soaps (packed in individual containers of over 25 lbs. and for liquids in individual containers of over 1 gal.):							
2841211	Chips and flakes.....	1,000 lbs..	104,802	105,670	11,652	121,192	124,215	12,550
2841224	Granulated, powdered, and sprayed, including washing powders.....	...do.....	138,516	138,551	16,302	168,147	168,702	15,691
2841227	Liquid (potash and other, excluding shampoos)....	1,000 gals.	11,270	10,809	14,776	11,640	11,588	12,142
2841231	Paste and jelly (potash and other, excluding mechanics' hand paste).....	1,000 lbs..	36,194	36,719	4,355	36,370	35,428	3,299
2841241	Scouring cleansers with or without abrasives.....	...do.....	4,863	5,031	1,515	10,955	10,834	979
2841298	Other soaps.....	.....	xxx	xxx	3,358	xxx	xxx	1,179
2841200	Soaps, except specialty cleaners, bulk, not specified by kind.....	.....	xxx	xxx	2,039	xxx	xxx	3,181
28413--	Soaps, except specialty cleaners, packaged.....	.....	xxx	xxx	313,582	xxx	xxx	331,034
	Packaged soaps, except specialty (packed in individual containers of 25 lbs. or less, and for liquids when in individual containers of 1 gal. or less):							
	Bars (excluding medical and medicated, mechanics' hand soap and shaving soap):							
2841301	Toilet (when less than 2 lbs. each):							
2841302	Combinations of soap and synthetic organic detergents.....	1,000 lbs..	524,717	546,298	176,968	<sup>2</sup> 520,852	<sup>2</sup> 512,384	<sup>2</sup> 144,248
	All types, including those products containing germicidal or other additives as a deodorant but not as a therapeutic ingredient and excluding combinations with synthetic organic detergents.....							
2841303	Laundry and household:							
	White (made with not more than 10 percent resin).....	...do.....	(3)	(3)	(3)	190,564	189,733	32,970
2841304	Yellow (made with more than 10 percent resin)....	...do.....	67,864	68,003	8,377	97,267	97,664	10,666
2841305	Other (including industrial).....	...do.....	<sup>3</sup> 145,254	<sup>3</sup> 148,540	<sup>3</sup> 27,279	41,458	42,514	3,699
	Medical and medicated soaps (containing medicinal or germicidal additives of therapeutic value, but not soaps containing germicidal or other additives as a deodorant):							
2841307	Bars.....	...do.....	2,269	3,313	3,534	(2)	(2)	(2)
2841309	Liquid and paste.....	1,000 gals.	322	322	571	xxx	xxx	xxx
2841321	Chips and flakes.....	1,000 lbs..	44,384	45,281	13,943	74,186	74,916	22,008
2841324	Granulated, powdered, and sprayed, including washing powders.....	...do.....	182,182	185,795	48,798	381,222	378,468	79,282
2841327	Liquid (potash and other, excluding shampoos)....	1,000 gals.	2,435	2,424	7,253	2,011	1,993	2,753
2841331	Paste and jelly (potash and other, excluding mechanics' hand paste).....	1,000 lbs..	4,713	4,711	855	10,144	9,694	1,339
2841341	Scouring cleansers with or without abrasives.....	...do.....	(NA)	(NA)	2,080	115,756	111,890	9,959
2841371	Mechanics' hand soaps and pastes made with soap....	...do.....	89,377	87,620	17,874	62,308	60,945	12,745
2841381	Mechanics' hand cleaners made with detergents.....	...do.....	(NA)	(NA)	1,820	32,854	32,477	5,833
2841398	Other soaps.....	...do.....	xxx	xxx	1,278	9,883	9,835	1,055
2841300	Soaps, except specialty cleaners, packaged, not specified by kind.....	.....	xxx	xxx	2,952	xxx	xxx	4,477

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954		
			Production for all purposes (quantity)	Total shipments including interplant transfers		Production for all purposes (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2841---	Soap and other detergents, except specialty cleaners-- Continued							
2841---	Glycerine.....		xxx	xxx	70,374	xxx	xxx	75,810
2841-11	Crude, 100 percent basis (including synthetic).....	1,000 lbs..	212,330	62,014	12,763	210,012	58,496	14,199
2841-41	High-gravity, dynamite, and yellow distilled, 100 percent basis.....	...do.....	44,782	45,484	12,060	60,516	60,435	18,179
2841-51	Chemically pure 100 percent basis (including synthetic).....	...do.....	180,367	170,238	45,551	151,105	145,956	43,432
28415--	Synthetic organic detergents, packaged.....		xxx	xxx	r 807,699	xxx	xxx	504,144
	Packaged synthetic organic detergents (packed in individual containers of 25 lbs. or less, and for liquids when in individual containers of 1 gal. or less):							
2841511	Liquid.....	1,000 gals.	70,066	68,297	176,615	9,056	8,968	35,864
2841513	Bars, paste and jelly.....	1,000 lbs..	r 2,657,414	r 2,629,878	r 569,893	3,748	3,392	2,082
2841518	Granulated, powdered, sprayed, chips, and flakes, including washing powders.....	...do.....				2,161,143	2,135,425	432,550
2841555	Scouring cleaners with or without abrasives.....	...do.....	429,602	418,648	59,886	304,770	289,075	31,231
2841580	Packaged synthetic organic detergents, not specified by kind.....		xxx	xxx	1,305	xxx	xxx	2,417
28416--	Synthetic organic detergents, bulk.....		xxx	xxx	r 66,462	xxx	xxx	41,159
	Bulk synthetic organic detergents (packed in individual containers of over 25 lbs. and for liquids in individual containers of over 1 gal.):							
2841611	Liquid.....	1,000 gals.	19,643	19,809	35,926	7,479	7,488	12,617
2841613	Bars.....	1,000 lbs..	(4)	(4)	(4)	6,558	6,536	1,012
2841618	Granulated, powdered, sprayed, chips, and flakes, including washing powders.....	...do.....	r 171,759	r 167,366	r 20,120	153,986	145,180	21,195
2841619	Paste and jelly.....	...do.....	(4)	(4)	(4)	13,070	13,226	2,012
2841653	Scouring cleansers with or without abrasives.....	...do.....	442,149	441,467	47,126	6,813	6,562	640
2841600	Synthetic organic detergents, bulk, not specified by kind.....		xxx	xxx	3,732	xxx	xxx	3,683
2841000	Soap and other detergents, except specialty cleaners, not specified by kind.....		xxx	xxx	6,804	xxx	xxx	3,660
2842---	Specialty cleaning, polishing and sanitation prepara- tions, except soap and detergents.....		xxx	xxx	536,334	xxx	xxx	417,358
28421--	Household insecticides and repellants.....		xxx	xxx	85,918	xxx	xxx	60,635
	Roach, ant, termite, and other household insecticides:							
2842112	Aerosols (net weight).....	1,000 lbs..	(NA)	(NA)	25,376	19,600	19,587	15,554
2842115	Other.....	...do.....	(NA)	(NA)	19,837	xxx	xxx	3,012
2842123	Repellants - insect, animal, bird, and fish.....		xxx	xxx	892	xxx	xxx	(5)
	Other insecticidal preparations:							
2842132	Moth control agents.....		xxx	xxx	11,757	xxx	xxx	12,874
2842142	Fly sprays.....	1,000 gals.	(NA)	(NA)	8,921	6,662	6,464	11,729
2842171	Rodent poisons.....	1,000 lbs..	(NA)	(NA)	8,269	6,974	6,851	3,344
2842189	Fumigants, other than soil fumigants (including space).....	...do.....	(NA)	(NA)	3,725	e 9,454	e 9,430	e 1,769
2842100	Household insecticides and repellants, not specified by kind.....		xxx	xxx	7,141	xxx	xxx	511,976
28423--	Specialty cleaning and sanitation products.....		xxx	xxx	181,477	xxx	xxx	(NA)
2842307	Waterless hand cleaners (made from petroleum solvent and soap or synthetic organic detergent and sulfonated oils).....	1,000 lbs..	5,690	5,633	1,655	(1)	(1)	(1)
2842311	Glass window cleaning preparations.....	1,000 gals.	4,390	4,315	9,129	3,294	3,150	6,926
2842331	Toilet bowl cleaner and drain pipe solvents.....	1,000 lbs..	96,538	96,176	22,010	124,266	104,169	15,985
2842332	Disinfectants, for uses other than agricultural.....	1,000 gals.	(NA)	(NA)	38,234	xxx	xxx	23,024
2842341	Wall paper, window shade and wall cleaner.....	1,000 lbs..	(NA)	(NA)	(7)	83,396	86,967	16,155
2842371	Household ammonia.....	1,000 gals.	(NA)	(NA)	3,776	6,835	6,356	3,631
	Deodorants, nonpersonal:							
2842381	Aerosol type (net weight).....	1,000 lbs..	(NA)	(NA)	12,509	3,110	2,842	2,386
2842385	Other.....	1,000 gals.	(NA)	(NA)	14,763	4,919	4,852	13,859
2842393	Dry cleaning spotting preparations (liquid).....	...do.....	2,388	2,260	6,238	4,270	4,264	8,174
2842398	Other specialty detergents, including sweeping compounds.....		xxx	xxx	762,213	xxx	xxx	119,112
2842300	Specialty cleaning and sanitation products, not specified by kind.....		xxx	xxx	10,950	xxx	xxx	9,417

See footnotes at end of table.

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958 total shipments including interplant transfers		Production for all purposes (quantity)	1954 Total shipments including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2844---	Perfumes, cosmetics, and other toilet preparations-- Continued						
28443--	Hair preparations (including shampoos).....		xxx	315,804	xxx	xxx	220,422
	Shampoos:						
	Soap:						
2844312	Liquid.....		(NA)	26,435	xxx	xxx	20,628
2844314	Pastes, creams, and jellies.....		(NA)	1,965			
	Synthetic organic detergents:						
2844316	Liquid.....	1,000 gals.	6,476	49,350	xxx	xxx	57,903
2844318	Pastes, creams, and jellies.....	1,000 lbs..	18,227	17,885			
2844319	Other.....		xxx	1,475			
2844321	Hair tonics.....	1,000 gals.	3,342	22,856	3,365	3,158	19,632
	Permanent wave solutions, neutralizers, and rinses:						
2844331	Heat setting, machine and machineless.....	..do.....	(NA)	557	xxx	xxx	*1,340
	Cold waving:						
2844335 }	Home wave kits, complete and refill.....		xxx	43,692	xxx	xxx	49,530
2844339	Commercial.....	1,000 gals.	(NA)	17,000	*1,588	*1,591	*14,273
2844341	Hair dressings (including brilliantines and creams)..		xxx	36,104	xxx	xxx	20,342
2844351	Hair dyes, rinses, and tints.....		xxx	32,162	xxx	xxx	14,112
2844361	Wave set preparations.....		xxx	34,845	xxx	xxx	*10,747
2844398	Other hair preparations.....		xxx	24,775	xxx	xxx	8,181
2844300	Hair preparations, not specified by kind.....		xxx	7,703	xxx	xxx	*3,734
28444--	Dentifrices, including mouthwashes, gargles, and rinses		xxx	197,833	xxx	xxx	130,789
2844411	Tooth paste.....	1,000 lbs..	112,873	156,712	78,872	77,964	110,825
2844431	Tooth powder.....	..do.....	3,914	4,135	3,942	4,098	4,854
2844451	Denture cleaner.....	..do.....	7,922	6,257	4,701	4,266	5,384
2844471	Mouthwashes, including gargles and rinses.....		xxx	1121,941	xxx	xxx	116,177
2844498	Other dentifrices, including liquid.....		xxx	8,199	xxx	xxx	2,697
2844400	Dentifrices, including mouthwashes, gargles, and rinses, not specified by kind.....		xxx	589	xxx	xxx	852
28445--	Other cosmetics and toilet preparations.....		xxx	412,854	xxx	xxx	238,380
	Creams (excluding shaving, hair, and deodorant):						
2844511	Cleansing creams.....		xxx	24,221	xxx	xxx	16,305
2844512	Foundation creams.....		xxx	6,829	xxx	xxx	6,273
2844513	Lubricating creams (including hormone creams).....		xxx	19,803	xxx	xxx	8,138
2844514	Other creams.....		xxx	14,497	xxx	xxx	11,434
	Lotions (excluding hair and aftershave):						
2844515	Suntan (including oils).....		xxx	8,515	xxx	xxx	1,561
2844516	Cleansing lotions.....		xxx	12,609	xxx	xxx	(12)
2844517	Cosmetic oils (including baby oils, but excluding suntan oils).....		xxx	6,821	xxx	xxx	6,434
2844518	Hand lotions.....		xxx	36,825	xxx	xxx	22,081
2844519	Other lotions (excluding hand and aftershave).....		xxx	6,474	xxx	xxx	12,135
2844521	Lip preparations (lipstick, lip rouge, etc.).....		(NA)	44,432	xxx	xxx	23,711
2844522	Rouges (excluding lip rouge).....		xxx	4,709	xxx	xxx	2,056
2844523	Mascara and eye shadow.....		xxx	10,235	xxx	xxx	1,440
	Deodorant (personal):						
2844524	Liquid.....	1,000 gals.	1,807	23,332	xxx	xxx	13,457
2844525	Cream.....	1,000 lbs..	5,336	15,165	xxx	xxx	18,510
2844526	All other.....	..do.....	4,863	16,312	xxx	xxx	3,174
2844527	Depilatories (personal).....		xxx	2,219	xxx	xxx	2,964
	Manicuring preparations:						
2844531	Nail lacquers and enamels.....		xxx	16,954	{	xxx	9,146
2844533	Nail lacquer and enamel removers.....					xxx	3,241
2844539	Other manicuring preparations.....					xxx	638
	Powder:						
2844541	Talcum and toilet powder.....	1,000 lbs..	35,465	44,806	xxx	xxx	27,957
2844543	Face powder.....	..do.....	14,962	22,139	xxx	xxx	13,205
2844545	Liquid and compact for wet application.....		xxx	13,369	xxx	xxx	8,639
2844548	Other powder, including foot powder (cream, sachet, and paste).....		xxx	17,296	xxx	xxx	5,866
2844561	Bath salts, bath oils, and bubble bath.....		xxx	11,632	xxx	xxx	5,609
2844598	Other cosmetics and toiletries.....		xxx	12,771	xxx	xxx	6,327
2844500	Other cosmetics and toilet preparations, not specified by kind.....		xxx	19,322	xxx	xxx	8,079
2844000	Toilet preparations, not specified by kind.....		xxx	15,601	xxx	xxx	6,829

\*Revised. †Revised.

NA Not available. <sup>1</sup>Acid-type cleaners, codes 2841171, 2841175, and 2841179, and Waterless hand cleaners, code 2842307, were not reported separately in 1954, but were included with Other specialty detergents, code 2842398. <sup>2</sup>Product code 2841307 included with code 2841301 in 1954. <sup>3</sup>Product code 2841303 included with code 2841305 in 1958. <sup>4</sup>Product code 2841613 and 2841619 have been combined with code 2841653 for 1958. <sup>5</sup>In 1954 "Insect, animal, bird, and fish repellants," product code 2842123, are included with "Other household insecticides and repellants," product code 2842100. <sup>6</sup>Code 2842189 for 1954 includes data for soil and other (including space) fumigants. <sup>7</sup>Code 2842341 combined with 2842398. <sup>8</sup>Includes figures for egg yolk, wetting agents, water proofing emulsions, mordants other than tannic acid and an undetermined quantity of sizes, soaps, and synthetic detergents. <sup>9</sup>Data on quantities produced and quantities and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales." <sup>10</sup>Code 2844154 included in code 2844159 for 1954. <sup>11</sup>Also see liquid antiseptics, code 2834929, Industry 2834, "Pharmaceutical Preparations." The 1958 total for code 2834929 is \$20,743 thousand compared with the 1954 figure of \$23,534 thousand. <sup>12</sup>Code 2844516 included with code 2844519 in 1954.

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

See footnotes at end of table.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years—Continued

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	
<u>Polishing preparations and related products (28424):</u> United States, total: 1958..... 1957..... 1956..... 1955..... 1954..... 1947.....			<u>Surface active agents (28430)--</u> Continued	1958 <sup>1</sup>		<u>Hair preparations (28443)--</u> Continued	1958 <sup>1</sup>	1954
			West South Central.....	21,096		North Central.....	162,522	123,590
			Louisiana and Texas.....	21,096		Illinois.....	59,817	(2)
			Pacific.....	28,028		Minnesota.....	51,395	(2)
			California.....	28,028		Missouri.....	7,038	4,672
	1958 <sup>1</sup>	1954	<u>Shaving preparations (28441):</u> United States, total.....	74,944		South.....	10,106	8,555
			Northeast.....	49,939		Tennessee.....	4,416	2,923
			New York.....	4,203		West.....	11,999	8,410
			New Jersey.....	40,291		California.....	11,086	(2)
			North Central.....	22,799		<u>Dentifrices, including mouth-</u> <u>washes, gargles, and rinses</u> <u>(28444):</u>		
			Illinois.....	8,532		United States, total:		
			South and West.....	2,206		1958.....	197,833	
		California.....	1,709		1957.....	178,105		
		<u>Perfumes, toilet water, and</u> <u>colognes (28442):</u>		Value of shipments		1956.....	153,288	
		United States, total:				1955.....	144,479	
		1958.....	103,449		1954.....	130,789		
		1957.....	104,863		1947.....	93,083		
		1956.....	91,762		1958 <sup>1</sup>		1954	
		1955.....	83,563		Northeast.....	80,608	50,517	
		1954.....	77,041		New York.....	5,725	4,242	
		1951.....	56,975		New Jersey.....	58,783	44,445	
		1950.....	50,600		East North Central.....	76,490	59,684	
				1958 <sup>1</sup>	1954	West North Central.....	31,057	20,588
				80,028	62,493	South and West.....	9,678	
				80,028	62,493	Value of shipments		
				New York.....	45,587	Other cosmetics and toilet preparations (28445):		
				New Jersey.....	32,275	United States, total.....		
				East North Central.....	15,185	412,854		
				Illinois.....	14,165	1958		
				West North Central.....	1,002	412,854		
				South and West.....	7,234	New England.....		
				California.....	6,375	38,466		
				Value of shipments		Massachusetts.....		
						3,788		
						Connecticut.....		
						34,678		
						Middle Atlantic.....		
						227,176		
						New York.....		
						66,767		
						New Jersey.....		
						152,097		
						Pennsylvania.....		
						8,312		
						East North Central.....		
						84,810		
						Illinois.....		
						66,912		
						Michigan.....		
						1,723		
						West North Central.....		
						10,945		
						Minnesota.....		
						3,521		
						Missouri.....		
						5,549		
						South Atlantic.....		
						5,303		
						East South Central.....		
						5,666		
						Tennessee.....		
						5,595		
						West South Central.....		
						4,732		
						Texas.....		
						3,883		
						West.....		
						35,756		
						California.....		
						35,163		

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend. <sup>1</sup>Revised.

<sup>2</sup>For the specified product classes shipments of over \$1 million were reported for the States indicated above or listed but the exact figures are withheld to avoid disclosure of individual company figures: Product class 28411, Minnesota, Iowa, Nebraska, and Tennessee; 28412, Iowa; 28413, Massachusetts, Connecticut, New York, Pennsylvania, Ohio, Indiana, Nebraska, Kansas, Maryland, South Carolina, and Texas; 28414, Massachusetts, New York, Ohio, Kansas, Maryland, and Texas; 28415, Massachusetts, New York, New Jersey, Ohio, Indiana, Michigan, Missouri, Nebraska, Kansas, Maryland, Texas, and California; 28416, New York, Pennsylvania, and Michigan; 28421, Wisconsin, Minnesota, Tennessee, Mississippi, Louisiana, and Texas; 28423, New Hampshire, Vermont, Kansas, South Carolina, Tennessee, Mississippi, Louisiana, and Texas; 28424, Ohio and Wisconsin; 28430, Delaware, West Virginia, and Georgia; 28441, Massachusetts, Connecticut, Indiana, Minnesota, and Kansas; 28442, Pennsylvania; 28443, Massachusetts, Connecticut, Ohio, Indiana, Iowa, Kansas, and Maryland; 28444, Pennsylvania, Ohio, Indiana, Illinois, Minnesota, Iowa, Missouri, Kansas, and California; 28445, Ohio, Indiana, Wisconsin, Kansas, Virginia, and West Virginia.

<sup>3</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>4</sup>Shipments of less than \$1 million reported.

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Material	Basis	Unit of measure	1958		1954	
				Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
INDUSTRY 2841—SOAP AND OTHER DETERGENTS							
	Materials, containers, and supplies, total.....			xxx	707,612		
284151	Soap.....		S. ton...	11,019	2,345		
281231	Sodium carbonate (soda ash).....	98-100% Na <sub>2</sub> CO <sub>3</sub> .....	...do...	112,159	4,463		
281221	Sodium hydroxide (caustic soda).....	100% NaOH.....	...do...	225,264	16,787		
281211	Chlorine.....	100% Cl.....	...do...	(NA)	368		
281977	Calcium hypochlorite.....	35-37% available chlorine.....	...do...	448	135		
281965	Sodium tripolyphosphate.....	100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> .....	...do...	476,274	80,857		
281967	Tetrasodium pyrophosphate.....	100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	...do...	56,470	9,218		
281969	Trisodium phosphate.....	100% Na <sub>3</sub> PO <sub>4</sub> .....	...do...	30,767	4,914		
	Bulk surface active agents:					r (4)	r (4)
284211	Primarily for detergent purposes.....	Active wt.....	1,000 lbs.	310,919	48,418		
282971	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt.....	...do...	103,093	11,250		
	Containers:						
260091	Paper and paperboard.....			...	78,180		
340001	Metal.....				39,090		
322111	Glass.....				12,128		
397113	Plastic.....				1,739		
970099	All other materials and components, parts, containers, and supplies consumed.....			...	376,258		
973000	Materials, containers, supplies, not specified by kind.....			...	21,462		
INDUSTRY 2842—POLISHES AND SANITATION GOODS							
	Materials, containers, and supplies, total.....			xxx	242,290		
284151	Soap.....		S. ton...	2,687	423		
281231	Sodium carbonate (soda ash).....	98-100% Na <sub>2</sub> CO <sub>3</sub> .....	...do...	1,700	77		
281221	Sodium hydroxide (caustic soda).....	100% NaOH.....	...do...	13,403	1,357		
281211	Chlorine.....	100% Cl.....	...do...	239	21		
281977	Calcium hypochlorite.....	35-37% available chlorine.....	...do...	xxx	(1)		
281965	Sodium tripolyphosphate.....	100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> .....	...do...	1,951	336		
281967	Tetrasodium pyrophosphate.....	100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> .....	...do...	716	147		
281969	Trisodium phosphate.....	100% Na <sub>3</sub> PO <sub>4</sub> .....	...do...	4,665	459		
	Bulk surface active agents:					r (4)	r (4)
284211	Primary for detergent purposes.....	Active wt.....	1,000 lbs.	5,759	1,356		
282971	Other emulsifiers, wetting agents, penetrants, etc.....	Active wt.....	...do...	12,526	3,324		
	Containers:						
260091	Paper and paperboard.....			...	4,283		
340001	Metal.....				22,888		
322111	Glass.....				5,499		
397113	Plastic.....				687		
970099	All other materials and components, parts, containers, and supplies consumed.....			...	167,317		
973000	Materials, containers, supplies, not specified by kind.....			...	234,105		
INDUSTRY 2844—TOILET PREPARATIONS							
	Materials, containers, and supplies, total.....			xxx	317,196	(NA)	(NA)
	Containers:						
260091	Paperboard boxes and containers.....			xxx	44,959	(NA)	(NA)
322111	Glass.....			xxx	52,391	(NA)	(NA)
340001	Metal.....			xxx	38,917	(NA)	(NA)
397113	Plastic.....			xxx	24,560	(NA)	(NA)
970099	All other materials and components, parts, and supplies consumed.....			xxx	130,600	(NA)	(NA)
973000	Materials, containers, supplies, not specified by kind.....			xxx	25,769	(NA)	(NA)

NA Not available.

<sup>1</sup>Included with material code 970099.<sup>2</sup>Approximately 26 percent of this figure was reported by plants with employment of 20 or more and who did not furnish a detailed breakdown for containers, supplies, etc.<sup>3</sup>Approximately 58 percent of this figure was reported by plants with employment of 20 or more and who did not furnish a detailed breakdown for containers, supplies, etc.<sup>4</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable prior to 1958. Therefore, data for 1954 are not available.



Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization  
and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2841	SOAP AND OTHER DETERGENTS: (entire industry).....	608	29,603	181,485	18,180	36,799	97,294	857,585	747,777	1,605,935	17,795
	Establishments with:										
	90% or more specialization.....	399	17,008	103,984	11,346	23,289	62,385	568,648	508,786	1,079,853	9,861
	75-89% specialization.....	66	9,494	15,266	896	1,786	4,081	38,726	34,502	73,166	1,166
28411	Alkaline detergents and acid-type cleaners (primary product class of estab.).....	198	4,657	30,151	1,702	3,379	7,331	82,549	64,047	146,467	2,068
	Establishments with:										
	90% or more specialization....	90	1,475	9,152	531	1,031	2,371	29,494	20,737	50,205	(1)
	75-89% specialization.....	25	550	2,676	194	373	775	6,098	6,353	12,409	(1)
28412	Soaps, except specialty cleaners, bulk (primary product class of estab.).....	87	2,225	12,366	1,007	1,993	4,107	22,814	29,066	52,220	1,062
	Establishments with:										
	90% or more specialization....	23	229	1,182	103	195	400	2,467	3,284	5,756	(1)
	75-89% specialization.....	10	230	1,014	141	283	571	1,796	3,645	5,785	(1)
28413	Soaps, except specialty cleaners, packaged (primary product class of estab.).....	132	4,131	21,450	2,627	5,206	11,205	62,296	60,447	119,234	2,239
	Establishments with:										
	90% or more specialization....	82	794	3,082	562	1,007	1,810	7,898	8,085	15,975	(1)
	75-89% specialization.....	11	1,015	4,727	758	1,556	2,949	16,409	14,234	30,298	(1)
28415	Synthetic organic detergents packaged (primary product class of estab.).....	74	17,006	108,700	11,919	24,434	70,592	659,996	563,536	1,227,428	11,592
28421	Establishments with:										
	90% or more specialization....	35	1,715	10,270	1,279	2,679	6,944	107,991	89,271	196,290	1,694
28416	Synthetic organic detergents bulk (primary product class of estab.).....	74	1,006	6,173	507	993	2,417	24,522	20,790	45,218	574
	Establishments with:										
	90% or more specialization....	26	239	1,711	118	214	633	5,677	6,231	11,892	(1)
	75-89% specialization.....	5	25	145	17	30	98	283	224	507	(D)
2842	POLISHES AND SANITATION GOODS (entire industry).....	1,156	16,429	82,594	9,352	17,840	35,603	295,566	290,021	585,029	7,082
	Establishments with:										
	90% or more specialization.....	897	9,368	46,664	5,525	10,188	20,735	176,085	156,733	334,049	4,115
	75-89% specialization.....	67	1,364	6,621	763	1,545	2,815	20,795	24,727	45,451	(1)
28421	Household insecticides and repellants (primary product class of estab.).....	158	2,320	9,544	1,558	2,920	4,847	29,431	47,019	76,829	1,174
	Establishments with:										
	90% or more specialization....	108	1,027	3,798	640	1,126	1,808	13,378	13,649	27,144	527
	75-89% specialization.....	8	154	820	91	184	321	1,907	4,470	6,290	(1)
28423	Specialty cleaning and sanitation products (primary product class of estab.).....	317	4,800	23,997	2,685	5,204	10,006	82,667	89,097	170,071	2,290
	Establishments with:										
	90% or more specialization....	212	1,745	8,709	957	1,802	3,596	31,642	26,706	58,204	1,160
	75-89% specialization.....	21	776	3,951	427	867	1,546	15,307	13,714	29,049	(1)
28424	Polishing preparations and related products (primary product class of estab.).....	355	7,591	41,796	3,911	7,617	16,301	169,186	136,237	306,463	2,894
	Establishments with:										
	90% or more specialization....	248	3,795	21,290	2,189	4,211	9,263	104,873	79,441	185,555	1,273
	75-89% specialization.....	26	475	2,289	232	458	899	4,300	6,568	10,920	(1)

See footnotes at end of table.

Table 8.-General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958-Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2843	SURFACE ACTIVE AGENTS (entire industry).....	142	3,122	19,484	1,835	3,707	8,870	52,421	73,317	126,624	3,127
	Establishments with:										
	90% or more specialization.....	107	1,556	10,636	885	1,787	4,434	25,975	35,677	61,971	883
	75-89% specialization.....	8	208	1,470	126	279	687	2,142	6,328	8,503	646
2844	TOILET PREPARATIONS (entire industry)..	748	29,464	133,951	18,541	36,010	66,685	697,529	358,933	1,059,161	14,314
	Establishments with:										
	90% or more specialization.....	667	21,907	97,602	13,657	26,358	47,503	481,391	257,029	739,179	10,419
	75-89% specialization.....	38	4,529	22,200	2,825	5,758	11,075	115,583	60,331	176,627	1,321
28442	Perfumes, toilet water, and colognes (primary product class of estab.).....	81	1,509	8,099	939	1,746	3,536	23,836	21,486	44,819	705
	Establishments with:										
	90% or more specialization....	52	562	3,927	324	576	1,228	8,688	9,955	18,329	( <sup>1</sup> )
	75-89% specialization.....	6	187	833	150	275	531	2,002	1,866	3,869	( <sup>1</sup> )
28443	Hair preparations (including shampoos) (primary product class of estab.).....	225	7,841	37,274	4,487	8,554	15,475	166,644	87,210	255,222	2,842
	Establishments with:										
	90% or more specialization....	163	3,800	17,725	2,261	4,362	7,790	96,203	46,018	141,896	1,546
	75-89% specialization.....	24	2,246	11,649	1,057	2,034	3,596	42,823	22,050	65,530	761
28444	Dentifrices, including mouthwashes, gargles, and rinses (primary product class of estab.).....	33	2,866	14,704	2,017	3,903	8,951	161,176	64,968	222,914	2,962
	Establishments with:										
	90% or more specialization....	22	703	3,876	531	1,085	2,606	31,495	12,873	43,984	( <sup>1</sup> )
28445	Other cosmetics and toilet preparations (primary product class of estab.).....	258	14,742	64,625	9,428	18,670	33,022	304,239	163,579	469,391	6,500
	Establishments with:										
	90% or more specialization....	182	3,589	14,645	2,317	4,717	7,755	62,179	28,226	89,538	1,170
	75-89% specialization.....	19	1,797	6,768	1,444	2,740	4,941	49,895	23,611	73,285	533

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Less than \$500 thousand.



# Paints, Varnishes, Lacquers, Enamels, and Allied Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

2851—Paints, Varnishes, Lacquers, and Enamels  
2852—Putty, Caulking Compounds, and Allied Products

### 2851—Paints, Varnishes, Lacquers, and Enamels

This industry comprises establishments primarily engaged in manufacturing paints (in paste and ready mixed form), varnishes, lacquers, enamels, and shellac. Important products of this industry include oil and alkyd vehicle paints (in paste, semipaste, and ready mixed form); water thinned paints (in dry, paste and semipaste form); varnishes; clear and pigmented lacquers; enamels; shellac; and allied products. Establishments primarily engaged in manufacturing plastics materials are classified in Industry 2821, and artists' oil and water colors in Industry 3952. For a detailed list of products of Industry 2851, refer to table 6A, product codes 2851111 to 2851471.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged as to code number or content from the previous classification system.

Value of shipments and other receipts of the Paints and Varnishes Industry in 1958 totaled \$1,831 million. This included shipments of paints, varnishes, lacquers, and enamels (primary products), valued at \$1,636 million, shipments of other products (secondary products) valued at \$93 million, and miscellaneous receipts including resales of \$102 million.

This industry's shipments of paints, varnishes, lacquers, and enamels (primary products) in 1958 represented 95 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was also 95 percent. Secondary products shipped by this industry in 1958 consisted mainly of plastics and resin materials, n.e.c. (28215), \$26 million; putty, caulking compounds, and allied products (28520), \$16 million.

Industry 2851 shipments of paints and varnishes (primary products) in 1958 represented 97 percent (coverage ratio) of these products valued at \$1,689 million shipped by all industries. In 1954, the coverage ratio was also 97 percent. Other industries shipping paints and varnishes (primary products) consisted mainly of Industry 2852, Put-

ty and Caulking Compounds, \$3 million; Industry 2952, Asphalt Felts and Coatings, \$3 million.

### 2852—Putty, Caulking Compounds, and Allied Products

This industry comprises establishments primarily engaged in manufacturing putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products. For a detailed list of products of Industry 2852, refer to table 6A, product codes 2852011 to 2852098.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2852 from code number 2853 and were significantly changed in comparison with data classified by the previous system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A. This table shows that 13 establishments accounting for 402 employees were reclassified from old Industries 2842, "Cleaning and Polishing Preparations," and 2851, "Paints and Varnishes," into the new Industry 2852, "Putty and Caulking Compounds." The reclassification of these establishments was caused by the recoding of paint and varnish removers and brush cleaners into the new Industry 2852. In addition, whiting, formerly classified in this industry is now considered primary to Industry 2816, Inorganic Pigments.

Value of shipments and other receipts of the Putty and Caulking Compounds Industry in 1958 totaled \$47 million. This included shipments of putty, caulking compounds, and allied products (primary products), valued at \$34 million, shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts including resale of \$2 million.

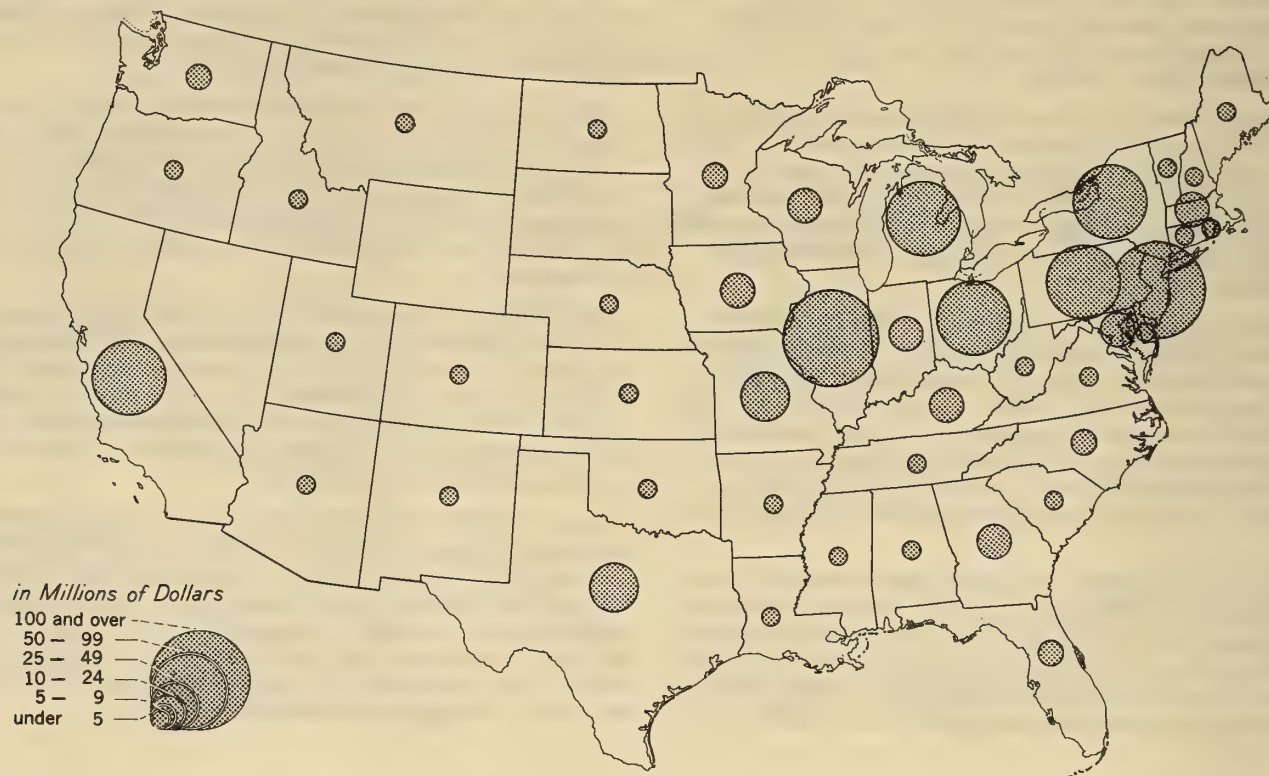
This industry's shipments of putty, caulking compounds, and allied products (primary products) in 1958 represented 75 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of paints and varnishes (2851), \$3 million; asphalt and tar coatings, cements, and pitches, \$3 million.

Industry 2852 shipments of putty, caulking compounds, and allied products (primary products) in 1958 represented 53 percent (coverage ratio) of these products valued at \$65 million shipped by all industries. Other industries shipping putty, caulking compounds, and allied products (primary products) consisted mainly of Industry 2851, Paints and Varnishes, \$16 million; Industry 2841, Soap and Other Detergents, \$4 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS: SIC 285

Value Added by Manufacture by State: 1958



Includes Industries 2851 and 2852. See Table 2.

Bureau of the Census 58-D285



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number <sup>1</sup>	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2851 (old SIC 2851)	Paints and varnishes:														
	1958.....	1,064	1,591	577	57,034	313,737	32,314	65,120	149,512	783,285	1,048,974	1,831,262	29,395	95	97
	1957 <sup>8</sup> .....	(NA)	(NA)	(NA)	59,334	304,056	33,916	67,894	145,671	755,797	973,532	1,719,595	24,773	95	97
	1956 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,190	293,390	34,452	69,217	142,027	744,753	965,632	1,678,874	28,212	(NA)	(NA)
	1955 <sup>8</sup> .....	(NA)	(NA)	(NA)	57,998	284,195	34,583	70,700	138,682	723,638	960,749	1,654,680	18,672	(NA)	(NA)
	1954.....	1,337	1,469	552	56,580	263,887	33,865	67,660	127,640	661,805	921,447	1,579,887	21,268	95	97
	1953 <sup>8</sup> .....	(NA)	(NA)	(NA)	60,810	279,872	34,157	(NA)	134,361	643,027	926,575	1,569,602	(NA)	(NA)	(NA)
	1952 <sup>8</sup> .....	(NA)	(NA)	(NA)	58,413	255,076	33,042	(NA)	123,650	584,413	794,532	1,378,945	(NA)	(NA)	(NA)
	1951 <sup>8</sup> .....	(NA)	(NA)	(NA)	59,341	246,645	34,640	(NA)	121,776	558,206	843,060	1,401,266	(NA)	(NA)	(NA)
	1950 <sup>8</sup> .....	(NA)	(NA)	(NA)	56,039	216,573	32,298	(NA)	104,933	489,968	726,950	1,216,918	(NA)	(NA)	(NA)
	1949 <sup>8</sup> .....	(NA)	(NA)	(NA)	51,317	186,630	31,247	(NA)	92,919	433,987	616,042	1,050,029	(NA)	(NA)	(NA)
	1947.....	1,154	1,291	(NA)	53,412	180,952	34,693	73,599	94,155	469,584	779,257	1,248,841	(NA)	94	96
	1939.....	(NA)	1,125	(NA)	(NA)	(NA)	21,879	(NA)	31,134	185,723	241,366	427,089	(NA)	(NA)	(NA)
	1937.....	(NA)	1,037	(NA)	35,344	58,877	25,135	(NA)	34,313	189,484	264,382	453,866	(NA)	(NA)	(NA)
	1935.....	(NA)	993	(NA)	30,893	46,038	21,690	(NA)	25,323	153,962	195,827	349,789	(NA)	(NA)	(NA)
2852 (old SIC 2853)	Putty and caulking compounds: <sup>9</sup>														
	1958.....	94	118	23	1,736	9,635	876	1,786	3,602	23,610	23,937	47,471	1,148	75	53

NA Not available.

<sup>1</sup>A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.

<sup>2</sup>The method of compiling these figures has varied, as follows: All employees—for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of non-production workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

<sup>3</sup>For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value Added (\$1,000)
2851	642,656
2852	(NA)

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc., (\$1,000)	
	1958	1954
2851	974,125	851,816
2852	22,573	(NA)

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of Shipments (\$1,000)	
	1958	1954
2851	1,733,906	1,494,399
2852	45,799	(NA)

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>9</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable and therefore, data prior to 1958 are not available. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.



## MANUFACTURES-INDUSTRY STATISTICS

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

Industry	Composition of new industry				Totals of industries based old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2852--Putty and Caulking Compounds..	118	23	1,736	23,610	xxx	xxx	xxx	xxx
Old Industry 2853--Whiting and fillers.....	105	17	1,334	16,989	107	18	1,393	17,698
Other industries <sup>1</sup> .....	13	6	402	6,621	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a group of establishments that were classified in the industry because of shifts in their product classifications to conform to the new SIC. Includes 12 plants that were formerly classified in the old Industry 2842 "Cleaning and Polishing Preparations" and one plant formerly classified in Industry 2851 "Paints and Varnishes." This reclassification was caused by the transfer of paint and varnish removers and brush cleaners from old Industry 2842 to new Industry 2852.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2851	Paints and Varnishes, total...	1,591	577	57,034	313,737	32,314	65,120	149,512	783,285	1,831,262	29,395	56,580	642,656	53,412
	New England.....	102	29	2,233	11,090	1,233	2,440	5,263	26,969	59,251	854	2,472	23,478	2,541
	Massachusetts....	67	21	1,617	8,131	949	1,887	4,129	21,050	45,137	643	(2)	(2)	(2)
	Connecticut.....	17	3	267	1,512	145	286	623	2,897	7,023	181	410	3,120	584
	Middle Atlantic...	442	160	16,083	90,393	9,274	18,407	43,839	206,358	493,273	8,018	17,033	191,622	17,253
	New York.....	186	49	4,066	22,565	2,441	4,831	10,746	51,697	121,561	(D)	4,810	54,323	6,023
	New Jersey.....	162	69	7,047	40,533	4,201	8,500	20,962	100,832	240,665	3,662	7,428	89,024	7,135
	Pennsylvania....	94	42	4,970	27,295	2,632	5,076	12,131	53,829	131,047	(D)	4,795	48,273	4,095
	East North Central	387	165	19,878	112,133	11,231	22,858	53,445	288,851	651,946	9,676	20,111	236,278	19,417
	Ohio.....	110	47	5,627	30,170	2,966	5,979	13,583	78,805	167,907	(D)	(2)	(2)	(2)
	Illinois.....	152	71	8,351	47,628	5,158	10,630	24,676	127,747	302,413	(D)	7,734	93,642	7,059
	Michigan.....	69	30	3,709	22,381	2,068	4,148	10,398	57,216	124,654	3,328	3,872	51,634	3,672
	West North Central	100	41	3,779	20,643	2,005	4,057	9,278	53,492	124,362	1,273	3,953	49,167	3,264
	Missouri.....	53	24	2,370	13,066	1,176	2,384	5,173	32,283	75,290	488	2,569	31,008	2,073
	Kansas.....	9	1	105	736	74	150	337	1,054	3,539	135	(2)	(2)	(2)
	South.....	287	105	8,385	42,693	4,709	9,612	18,641	111,602	265,609	7,234	6,799	72,369	5,511
	Virginia.....	16	5	337	1,533	218	383	646	2,982	8,044	49	238	2,073	246
	North Carolina..	21	5	484	2,662	311	645	1,112	5,213	14,720	414	(2)	(2)	(2)
	South Carolina..	4	1	105	550	65	133	175	696	2,186	6	(2)	(2)	(2)
	Georgia.....	28	13	791	3,944	452	926	1,597	12,560	30,439	609	(2)	(2)	(2)
	Kentucky.....	23	13	1,530	8,579	773	1,663	3,538	24,380	53,263	854	(2)	(2)	(2)
	Alabama.....	8	3	271	1,359	159	325	688	2,804	6,914	14	(2)	(2)	(2)
	Texas.....	67	22	1,864	9,790	968	2,021	4,348	27,340	66,443	4,410	1,463	17,504	947
	West.....	273	77	6,676	36,785	3,862	7,746	19,046	96,013	236,821	2,340	6,209	69,739	5,426
	Oregon.....	19	4	264	1,117	139	270	621	2,415	6,848	45	322	3,283	271
	California.....	215	57	5,538	31,171	3,251	6,516	16,391	83,647	206,144	2,118	5,261	61,195	4,467
2852	Putty and caulking compounds, total...	118	23	1,736	9,635	876	1,786	3,602	23,610	47,471	1,148	(2)	(2)	(2)
	Northeast.....	34	8	477	2,555	257	517	1,025	6,791	14,768	92	(2)	(2)	(2)
	New Jersey.....	9	2	150	752	45	97	209	2,511	5,588	10	(2)	(2)	(2)
	Pennsylvania....	5	3	138	741	99	200	338	1,772	4,010	(D)	(2)	(2)	(2)
	East North Central	33	7	745	4,428	293	623	1,282	10,003	18,349	871	(2)	(2)	(2)
	Ohio.....	10	3	440	2,709	137	309	631	5,633	9,936	(D)	(2)	(2)	(2)
	Illinois.....	12	2	197	1,078	110	225	484	3,235	6,242	(D)	(2)	(2)	(2)
	West North Central	11	3	119	683	80	155	329	1,507	2,868	20	(2)	(2)	(2)
	South.....	20	3	195	957	122	255	447	2,881	6,624	42	(2)	(2)	(2)
	West.....	20	2	200	1,012	124	236	519	2,428	4,862	123	(2)	(2)	(2)
	California.....	16	2	175	833	106	200	429	1,884	3,850	99	(2)	(2)	(2)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2851, Paints and Varnishes: New England—Maine, 2 (20-99); New Hampshire, 1 (1-19); Vermont, 3 (20-99); Rhode Island, 12 (250-499); East North Central—Indiana, 30 (1,000-2,499); Wisconsin, 26 (1,000-2,499); West North Central—Minnesota, 23 (500-999); Iowa, 9 (250-499); North Dakota, 1 (1-19); Nebraska, 5 (20-99); South—Delaware, 1 (20-99); Maryland, 33 (1,000-2,499); District of Columbia, 1 (20-99); West Virginia, 3 (20-99); Florida, 41 (500-999); Tennessee, 11 (250-499); Mississippi, 5 (20-99); Arkansas, 3 (20-99); Louisiana, 13 (250-499); Oklahoma, 9 (100-249); West—Montana, 2 (20-99); Idaho, 1 (1-19); Colorado, 9 (250-499); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 2 (20-99); Washington, 20 (250-499). SIC 2852, Putty and Caulking Compounds: Northeast—New Hampshire, 1 (1-19); Massachusetts, 6 (20-99); Rhode Island, 2 (1-19); New York, 11 (20-99); East North Central—Indiana, 1 (1-19); Michigan, 8 (20-99); Wisconsin, 2 (1-19); West North Central—Minnesota, 2 (1-19); Iowa, 1 (1-19); Missouri, 7 (20-99); Kansas, 1 (1-19); South—Maryland, 1 (1-19); Virginia, 33 (20-99); Georgia, 4 (20-99); Florida, 3 (1-19); Tennessee, 1 (1-19); Louisiana, 2 (1-19); Texas, 6 (20-99); West—Colorado, 1 (1-19); Washington, 3 (1-19).

<sup>2</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.



Table 3.—Detailed Statistics for the United States: 1958

(For explanation of column captions, see Introduction)

Item	Paints and varnishes (SIC 2851)	Putty and caulking compounds (SIC 2852)	Item	Paints and varnishes (SIC 2851)	Putty and caulking compounds (SIC 2852)
Primary product specialization ratio <sup>1</sup> .....	95	75	Cost of materials, etc.—Continued		
Coverage ratio <sup>2</sup> .....	97	53	Cost of resales.....do.....	74,849	1,364
Number of establishments, total.....	1,591	118	Fuels consumed.....do.....	5,305	124
With 1-19 employees.....	1,014	95	Electricity purchased.....do.....	6,048	145
With 20-99 employees.....	438	22	Contract work.....do.....	1,457	54
With 100 employees or more.....	139	1	Value of shipments (including resales), total.....do.....	1,831,262	47,471
Proprietors and working partners.....Number...	439	45	Value of resales.....do.....	97,356	1,672
All employees:			Value added by manufacture, adjusted.....do.....	783,285	23,610
Number (average for the year).....	57,034	1,736	Manufacturers' inventories:		
Payroll.....\$1,000...	313,737	9,635	Beginning of year, total.....do.....	273,537	4,360
Production workers:			Finished products.....do.....	146,219	1,247
Number (average for the year).....	32,314	876	Work-in-process.....do.....	18,704	211
March.....	31,573	867	Materials, supplies, fuel, etc.....do.....	108,614	2,902
May.....	32,295	843	End of year, total.....do.....	276,117	4,297
August.....	33,138	951	Finished products.....do.....	146,807	1,304
November.....	32,503	890	Work-in-process.....do.....	19,113	230
Man-hours.....1,000...	65,120	1,786	Materials, supplies, fuel, etc.....do.....	110,197	2,763
January-March.....do.....	15,339	409	Expenditures for plant and equipment, total.....do.....	34,720	1,180
April-June.....do.....	16,286	411	New, total.....do.....	29,395	1,148
July-September.....do.....	16,318	484	New structures and additions to plant...do.....	12,720	856
October-December.....do.....	16,670	437	New machinery and equipment.....do.....	16,675	292
Wages.....\$1,000...	149,512	3,602	Used plant and equipment.....do.....	5,325	32
Cost of materials, etc., total.....do.....	1,048,974	23,937			
Materials, parts, containers, and supplies consumed.....do.....	961,423	22,250			

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>1</sup>Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry, "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2851	Paints and varnishes:											
	Number of establishments.....	1,591	459	269	286	279	159	108	24	5	2	...
	All employees:											
	Number.....	57,034	1,012	1,803	3,947	8,846	11,245	16,567	8,362	5,252	(D)	...
	Payroll.....\$1,000..	313,737	4,708	9,125	22,005	48,299	61,398	89,787	47,310	31,105	(D)	...
	Value added, adjusted..do....	783,285	11,080	19,540	46,865	99,297	134,616	236,064	154,106	81,717	(D)	...
	Value of shipments.....do....	1,831,262	31,121	50,795	122,784	253,065	331,066	548,831	321,824	171,776	(D)	...
	Capital expend., new....do....	29,395	621	633	2,300	3,234	4,192	10,372	4,106	3,937	(D)	...
2852	Putty and caulking compounds:											
	Number of establishments.....	118	43	28	24	18	4	...	1	...	...	...
	All employees:											
	Number.....	1,736	103	191	327	536	579	...	(D)	...	...	...
	Payroll.....\$1,000..	9,635	415	999	1,649	2,998	3,574	...	(D)	...	...	...
	Value added, adjusted..do....	23,610	1,099	2,482	5,492	6,462	8,075	...	(D)	...	...	...
	Value of shipments.....do....	47,471	2,700	4,945	10,902	14,751	14,173	...	(D)	...	...	...
	Capital expend., new....do....	1,148	28	75	64	170	811	...	(D)	...	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

**Table 5A.—Industry-Product Analysis; Summary of Industry and Primary Product Shipments, Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2851	Paints and varnishes.....1958..	1,831,262	1,635,843	92,614	102,805	95	1,688,732	1,635,843	52,889	97
	1954..	1,579,887	1,410,485	80,231	89,171	95	1,458,297	1,410,485	47,812	97
2852	Putty and caulking compounds...1958..	47,471	34,433	11,234	1,804	75	65,191	34,433	30,758	53

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

**Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958**

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products,) (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries.)

Prod. class code	Class of products and miscellaneous receipts	Paints and varnishes (SIC 2851)	Putty and caulking compounds (SIC 2852)	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Toilet preparations (SIC 2844)	Asphalt felts and coatings (SIC 2952)	Other industries	All industries
	Total shipments and receipts of the industry.....	1,831,262	47,471	xxx	xxx	xxx	xxx	xxx	xxx
285-	Paints and varnishes.....	1,651,851	37,657	5,180	3,186	10,625	4,277	xxx	xxx
28511	Paints, varnishes, lacquers, and enamels - trade sales products.....	878,727	3,001	(D)	503	( <sup>1</sup> )	2,800	<sup>2</sup> 14,015	899,177
28512	Industrial product finishes and special coatings.....	604,807	( <sup>1</sup> )	(D)	207	6,473	( <sup>1</sup> )	<sup>3</sup> 15,522	627,976
28514	Miscellaneous paint products.....	108,800	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,870	( <sup>1</sup> )	4,566	117,305
28510	Paints, varnishes, lacquers, and enamels, nsk	43,509	(D)	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	535	44,274
28520	Putty, caulking compounds and allied products.....	16,008	34,433	4,175	2,385	264	1,417	6,509	65,191
	Other products.....	76,606	8,010	xxx	xxx	xxx	xxx	xxx	xxx
28163	Chrome colors and other inorganic pigments..	5,798	( <sup>4</sup> )	xxx	xxx	xxx	xxx	xxx	xxx
2818-	Organic chemicals, nec.....	5,252	...	xxx	xxx	xxx	xxx	xxx	xxx
28215	Plastics and resin materials, nec.....	<sup>2</sup> 26,128	...	xxx	xxx	xxx	xxx	xxx	xxx
2841-	Soap and other detergents.....	...	2,664	xxx	xxx	xxx	xxx	xxx	xxx
28424	Polishing preparations and related products.	2,211	113	xxx	xxx	xxx	xxx	xxx	xxx
2844-	Toilet preparations.....	3,456	( <sup>4</sup> )	xxx	xxx	xxx	xxx	xxx	xxx
28911	Glues, adhesives, and sizes.....	8,990	590	xxx	xxx	xxx	xxx	xxx	xxx
28993	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec	3,951	1,283	xxx	xxx	xxx	xxx	xxx	xxx
29522	Asphalt and tar coatings, cements, and pitches.....	1,455	2,761	xxx	xxx	xxx	xxx	xxx	xxx
32751	Gypsum building materials.....	2,938	( <sup>4</sup> )	xxx	xxx	xxx	xxx	xxx	xxx
	Other secondary products.....	<sup>2</sup> 16,427	599	xxx	xxx	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	102,805	1,804	xxx	xxx	xxx	xxx	xxx	xxx
99989	Resales.....	97,356	1,804	xxx	xxx	xxx	xxx	xxx	xxx
93000	Contract work.....	4,358		xxx	xxx	xxx	xxx	xxx	xxx
	Other miscellaneous receipts.....	1,091		xxx	xxx	xxx	xxx	xxx	xxx

D Withheld to avoid disclosing figures of individual companies.

<sup>2</sup>Revised.

<sup>1</sup>Less than \$100 thousand.

<sup>2</sup>The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 3275, Gypsum Products, and 3399, Primary Metal Industries, NEC.

<sup>3</sup>Includes \$2,587 thousand shipped by Industry 2819, Inorganic Chemicals, NEC. In addition, the following industries had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures: 2814, Cyclic (Coal Tar) Crudes, and 2821, Plastics Materials.

<sup>4</sup>Included in other secondary products.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958			1954		
		Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
			Quantity	Value		Quantity	Value
		(1,000 gallons)	(1,000 gallons)	(\$1,000)	(1,000 gallons)	(1,000 gallons)	(\$1,000)
2851---	Paints, varnishes, lacquers, japans, and enamels, total.....	1569,960	1564,846	1,688,732	1580,248	1560,981	1,458,297
28511--	Trade sales products (including general maintenance).....	305,941	303,930	899,177	284,821	279,613	274,035
	Exterior use:						
	Oil and alkyd vehicle paints in paste and semipaste form:						
2851111	White lead in oil <sup>3</sup> .....	1,676	1,321	5,470	1,675	1,299	3,046
2851113	Red lead in oil.....				232	233	953
2851115	Other colors in oil and in japan.....				925	913	4,926
2851117	Other paste and semipaste paints.....				1,550	1,488	5,399
	Oil paints, enamels, and varnishes in ready-mixed form:						
2851121	Oil and alkyd vehicle house paints.....	49,986	50,022	176,460	45,726	45,339	152,406
2851123	Enamels (including trim and trellis, porch, and deck).....	16,282	16,132	62,629	13,890	13,613	49,060
2851125	Undercoatings and primers.....	8,734	8,686	27,845	10,617	10,520	27,381
2851127	Barn and roof paints (excluding bituminous paints and roof coatings).....	4,413	4,398	10,178	3,925	3,925	8,330
2851129	Bituminous paints (excluding roof coatings).....	6,328	6,297	5,027	4,477	5,002	2,861
2851130	Marine paints (excluding ship bottom or other specially formulated paints).....	1,935	1,978	6,876	(4)	(4)	(4)
2851131	Metallic paints (aluminum, zinc, bronze, etc.).....	6,591	6,657	19,796	6,280	6,194	17,916
2851132	Traffic paints (all types).....	6,331	6,317	14,337	3,810	3,723	8,045
2851133	Varnish, oleoresinous (synthetic).....	5,284	5,193	13,906	3,936	3,472	8,193
2851135	Varnish, oleoresinous (natural).....	886	880	1,765	716	659	1,396
2851137	Stain, shingle and shake.....	3,181	3,174	8,460	2,392	2,404	4,995
2851139	Other exterior paints, enamels and varnishes.....	3,687	3,701	11,504	4,001	3,763	12,459
	Water-thinned paints:						
2851141	Lime and cement bound, dry <sup>5</sup> .....	9,501	9,380	4,763	8,896	8,741	5,221
2851145	Other exterior water-thinned paints.....	4,418	4,338	13,186	1,739	1,664	5,013
	Interior use:						
	Oil paints, enamels, and varnishes in ready-mixed form:						
2851151	Mill white paints.....	6,430	6,360	18,223	8,885	8,881	26,668
2851153	Flat wall paints, including semipaste (oil and alkyd vehicle).....	27,686	27,494	80,471	31,781	31,698	80,160
2851155	Gloss and semigloss, including enamels.....	29,156	29,087	102,554	30,209	30,011	99,631
2851156	Undercoatings and primers.....	6,779	6,769	20,045	9,024	9,034	21,973
2851158	Multicolored finishes (all types).....	2,313	2,312	7,525	xxx	xxx	xxx
2851159	Other interior paints and enamels, nec.....	3,783	3,732	11,951	5,222	4,800	13,736
	Varnishes <sup>6</sup> :						
2851161	Natural resin varnish, excluding shellac.....	2,604	2,601	7,260	3,060	2,887	5,477
2851163	Synthetic resin base varnish.....	5,852	5,840	17,179	15,390	13,242	24,560
2851167	Shellac varnish.....	3,366	3,367	7,862	3,570	3,548	8,854
2851168	Spirit varnish and other interior varnish, nec.....	1,523	1,501	3,027	1,663	1,653	2,908
2851171	Stains.....	1,990	1,989	5,499	1,978	2,113	4,842
	Water-thinned paints:						
	Latex base emulsion paints:						
2851179	Acrylic.....	4,678	4,677	14,739	xxx	xxx	xxx
2851181	Butadiene-styrene.....	33,422	32,990	104,448	29,406	29,004	79,665
2851182	Vinyl and others.....	12,178	12,023	36,063	3,139	3,012	8,389
2851183	Resin and other base emulsion paints (paste and semipaste).....	1,181	1,170	3,668	1,814	1,770	4,491
2851186	Plastic texture, paste and dry <sup>7</sup> .....	4,450	4,458	3,575	4,080	4,048	3,356
	Other interior water-based paints, including casein and calcimines:						
2851191	Dry <sup>5</sup> .....	6,578	6,540	2,742	4,720	5,128	2,308
2851193	Paste and semipaste <sup>5</sup> .....	1,501	1,455	2,546	2,979	3,013	4,703
2851100	Trade sales products, nsk.....	19,328	19,197	56,824	13,134	12,819	34,029
28512--	Industrial product finishes and special coatings.....	247,978	244,990	627,976	287,282	273,561	263,533
2851211	Specially formulated coatings for special conditions in the interior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	7,239	7,159	24,998	5,681	5,741	16,211
2851213	Specially formulated coatings for special conditions in the exterior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	23,259	23,842	25,185	17,620	17,614	16,804
2851218	Marine paints, ship bottom and other specially formulated paints	7,914	7,925	26,149	48,105	48,107	26,118
	Pigmented industrial product finishes, excluding lacquer:						
2851222	Undercoaters and primers.....	18,567	18,024	50,739	15,189	14,829	36,220
2851231	Wrinkle finishes.....	791	783	2,644	1,992	2,012	5,852
2851233	Hammer, crackle, crystal, pearl essence finishes.....	1,688	1,678	5,307	1,829	1,800	6,229
2851235	Metallic (aluminum, bronze, etc.).....	3,067	3,021	9,095	4,186	4,032	11,643
	Alkyd and oil types:						
2851236	Automotive finishes.....	19,413	19,146	62,814	54,483	54,009	156,039
2851238	Appliance finishes.....	6,768	6,635	25,556			
2851239	Other finishes.....	29,337	28,630	87,015			
2851240	Other types.....	7,765	7,522	24,283	9,011	8,666	22,649

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	1958			1954		
		Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
			Quantity	Value		Quantity	Value
2851---	Paints, varnishes, lacquers, japans, and enamels--Continued	(1,000 gallons)	(1,000 gallons)	(\$1,000)	(1,000 gallons)	(1,000 gallons)	(\$1,000)
28512--	Industrial product finishes and special coatings--Continued						
	Clear industrial product finishes, excluding lacquer <sup>6</sup> :						
2851241	Insulating varnishes, electrical types.....	3,042	2,992	7,903	6,058	6,022	13,671
	Synthetic resin base varnishes:						
2851243	Alkyd.....	9,398	9,346	22,722	40,341	33,816	70,750
2851244	Epoxy.....	1,547	1,519	5,464			
2851245	Phenolic and other tar acid resins.....	1,829	1,825	4,374			
2851246	Other.....	3,641	3,530	6,757			
2851247	Natural oleoresinous base varnishes, excluding shellac.....	2,067	2,073	4,076	6,722	4,728	9,176
2851255	Baking and drying japans and driers.....	946	929	1,715	2,698	2,288	3,765
2851260	Other varnishes, including spirit and shellac varnishes and mixtures, nec.....	4,682	4,596	9,925	6,402	5,221	9,755
2851261	Stains.....	2,118	2,089	3,047	2,789	2,699	4,471
2851262	Automotive underbody coatings.....	13,143	13,127	10,725	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
2851263	Dopes, cellulose nitrate and other dopes.....	1,767	1,764	3,127	2,519	2,516	3,932
	Lacquers <sup>6</sup> :						
	Clear:						
2851271	Cellulose nitrate.....	24,989	24,761	52,821	23,081	22,568	46,019
2851275	Cellulose lacquer, excluding cellulose nitrate.....	2,555	2,517	5,183	2,671	2,691	5,542
2851277	Noncellulose lacquers.....	8,844	8,172	20,828	5,422	5,416	8,598
	Pigmented:						
2851281	Cellulose nitrate.....	19,320	19,288	60,773	24,292	22,917	75,548
2851285	Cellulose lacquer, excluding cellulose nitrate.....	1,516	1,482	4,098	2,352	2,359	6,162
2851287	Noncellulose lacquers.....	6,551	6,572	23,766	1,262	1,240	2,710
2851292	Other industrial product finishes.....	4,687	4,627	12,782	<sup>9</sup> 31,148	<sup>9</sup> 31,466	<sup>9</sup> 55,651
2851200	Industrial products finishes including industrial maintenance special coatings, nsk.....	<sup>10</sup> 9,528	<sup>10</sup> 9,416	24,105	<sup>10</sup> 11,429	<sup>10</sup> 10,804	23,018
28514--	Miscellaneous paint products.....	xxx	xxx	117,305	xxx	xxx	59,211
2851411	Thinners for dopes, lacquers, and oleoresinous thinners, including mixtures and proprietary thinners (sold as such).....	45,665	45,345	47,334	52,212	47,270	46,838
		(1,000 pounds)	(1,000 pounds)		(1,000 pounds)	(1,000 pounds)	
2851431	Bleached shellac (not varnish).....	17,505	16,935	9,012	23,527	22,367	12,373
2851471	Miscellaneous related paint products <sup>11</sup> .....	xxx	xxx	60,959	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
		(1,000 gallons)	(1,000 gallons)		(1,000 gallons)	(1,000 gallons)	
2851000	Paints, varnishes, lacquers, japans, and enamels, etc., nsk.....	<sup>12</sup> 16,041	<sup>12</sup> 15,926	44,274	<sup>12</sup> 8,145	<sup>12</sup> 7,807	18,518
		(1,000 pounds)	(1,000 pounds)		(1,000 pounds)	(1,000 pounds)	
2852---	Putty, caulking compounds, and allied products, total.....	xxx	xxx	65,191	xxx	xxx	53,700
2852011	Wood and textile preservatives (nonpressure type).....	(NA)	(NA)	3,747	4,290	4,328	6,194
2852021	Wood fillers and sealers.....	xxx	xxx	6,098	xxx	xxx	4,954
	Putties, glazing and caulking compounds:						
2852051	Wood and metal sash putties.....	118,822	117,630	13,140	152,460	154,363	12,202
2852055	Caulking compounds.....	148,013	148,461	18,145	85,828	86,904	12,828
		(1,000 gallons)	(1,000 gallons)		(1,000 gallons)	(1,000 gallons)	
	Paint and varnish removers:						
2852061	Methylene chloride type.....	1,993	1,980	8,100	xxx	xxx	4,864
2852065	Other types.....	3,512	3,508	7,048	xxx	xxx	3,681
2852071	Brush cleaners, powder and liquid.....	xxx	xxx	1,011	xxx	xxx	1,030
2852098	Other allied paint products.....	xxx	xxx	5,086	xxx	xxx	6,207
2852000	Putty, caulking compounds, and allied products, nsk.....	xxx	xxx	2,816	xxx	xxx	1,740

<sup>1</sup>Includes estimates for product codes 2851000, 2851100, and 2851200 and excludes product codes 2851411, Thinners, and 2851431, Bleached shellac. Total quantities for 1958 exclude product code 2851471, Miscellaneous related paint products, which are included in the 1954 totals as part of product code 2851292, Other industrial product finishes.

<sup>2</sup>Revised to include data for "Traffic paints" in Trade Sales (product code 2851132), included in Industrial Sales in 1954.

<sup>3</sup>Quantities converted from pounds to gallons on the basis of 100 pounds per 8-1/2 gallons.

<sup>4</sup>Product code 2851130 included in product code 2851218 in 1954.

<sup>5</sup>Quantities converted from pounds to gallons on basis of 5 pounds per gallon.

<sup>6</sup>Production figures exclude the quantities produced and consumed in the same plant in the manufacture of other paint products.

<sup>7</sup>Quantities converted from pounds to gallons on basis of 10 pounds per gallon.

<sup>8</sup>Estimated on basis of average for trade sales products.

<sup>9</sup>Not collected separately in 1954. Included in "Other industrial product finishes", code 2851292.

<sup>10</sup>Estimated on basis of average for industrial product finishes.

<sup>11</sup>Includes formulated paint vehicles, resins, and other special solutions, pigment dispersions, plastisols, and other semimanufactured paint products.

<sup>12</sup>Estimated on basis of average for trade sales products and industrial product finishes.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Paints, varnishes, lacquers, and sales products (28511):<sup>1</sup></u>			<u>Industrial products, finishes, and special coatings (28512):<sup>2</sup></u>	1958 <sup>1</sup>	<u>Miscellaneous paint products (28514)—Continued</u>	1958 <sup>1</sup>
United States, total:			United States, total.....	627,976	East North Central.....	29,340
1958.....	899,177				Ohio.....	2,692
1957.....	830,313		New England.....	16,436	Illinois.....	13,439
1956.....	825,694		Massachusetts.....	12,641	Michigan.....	11,408
1955.....	785,076		Connecticut.....	2,098	Wisconsin.....	1,185
1954.....	735,990				West North Central.....	7,132
1953.....	635,971		Middle Atlantic.....	187,677	Missouri.....	1,108
1952.....	613,280		New York.....	39,910		
1951.....	611,333		New Jersey.....	92,443	South.....	17,374
1950.....	560,039		Pennsylvania.....	55,324	Texas.....	2,331
1947.....	570,336				West.....	12,609
	1958 <sup>1</sup>	1954	East North Central.....	257,657	California.....	12,204
New England.....	33,774	31,356	Ohio.....	72,965	<u>Putty, caulking compounds, and allied products (28520):</u>	
Massachusetts.....	26,686	26,443	Indiana.....	7,360	United States, total.....	65,191
Rhode Island.....	4,349	( <sup>2</sup> )	Illinois.....	88,202	New England.....	3,555
Connecticut.....	2,168	( <sup>3</sup> )	Michigan.....	79,613	Massachusetts.....	2,938
Middle Atlantic.....	221,874	201,712	Wisconsin.....	9,517	Middle Atlantic.....	13,949
New York.....	66,436	59,887	West North Central.....	33,280	New York.....	4,249
New Jersey.....	97,125	88,352	Minnesota.....	4,682	New Jersey.....	5,295
Pennsylvania.....	58,313	53,473	Missouri.....	13,848	Pennsylvania.....	4,405
East North Central.....	297,941	239,314	Kansas.....	2,546	East North Central.....	22,937
Ohio.....	82,560	67,587	South Atlantic.....	31,181	Ohio.....	9,922
Indiana.....	14,641	13,803	Maryland.....	6,591	Illinois.....	8,380
Illinois.....	160,206	125,395	Virginia.....	2,213	Michigan.....	3,962
Michigan.....	24,266	17,137	North Carolina.....	8,128	West North Central.....	4,900
Wisconsin.....	16,268	15,392	Georgia.....	7,628	Missouri.....	3,776
West North Central.....	62,805	54,631	Florida.....	1,542	South Atlantic.....	6,562
Minnesota.....	13,028	10,381	East South Central.....	19,423	Virginia.....	1,108
Iowa.....	8,026	8,643	Kentucky.....	15,208	North Carolina.....	1,230
Missouri.....	40,956	34,511	Alabama.....	2,470	Georgia.....	2,921
South Atlantic.....	65,616	39,292	West South Central.....	17,712	East South Central.....	1,174
Maryland.....	22,307	15,245	Oklahoma.....	1,335	West South Central.....	3,748
Virginia.....	3,061	2,814	Texas.....	15,151	Texas.....	2,261
North Carolina.....	4,054	3,274	West.....	64,610	West.....	8,366
Georgia.....	21,563	11,675	Washington.....	1,611	California.....	6,816
Florida.....	12,265	4,104	Oregon.....	1,355		
East South Central.....	35,509	28,300	California.....	60,884		
Kentucky.....	23,236	17,729	<u>Miscellaneous paint products (28514):</u>			
Tennessee.....	7,909	6,618	United States, total.....	117,305		
West South Central.....	52,280	37,467	New England.....	3,478		
Louisiana.....	7,517	5,361	Connecticut.....	1,852		
Texas.....	41,439	29,438	Middle Atlantic.....	47,372		
Mountain.....	10,273	6,823	New York.....	8,416		
Colorado.....	6,023	4,635	New Jersey.....	32,741		
Arizona.....	1,840	( <sup>3</sup> )	Pennsylvania.....	6,215		
Pacific.....	119,105	96,964				
Washington.....	6,955	4,050				
Oregon.....	3,812	4,589				
California.....	108,338	88,325				

Note: The figures shown for 1950-1953 and 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28511, Alabama, Arkansas, Oklahoma, and Utah; 28512, Rhode Island, Iowa, West Virginia, Tennessee, and Louisiana; 28514, Massachusetts, Minnesota, Iowa, and Kentucky.

<sup>2</sup>Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

<sup>3</sup>Shipments of less than \$1 million reported.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2851	PAINTS AND VARNISHES (entire industry).....	1,591	57,034	313,737	32,314	65,120	149,512	783,285	1,048,974	1,831,262	29,395
	Establishments with:										
	90% or more specialization.....	1,419	46,275	255,266	26,009	52,085	120,586	645,462	857,655	1,501,416	24,122
	75-89% specialization.....	68	5,911	33,402	3,510	7,207	16,400	81,121	109,668	191,024	3,899
28511	Paints, varnishes, lacquers, trade sales products (all establishments specializing in product class).....	866	33,994	179,845	19,134	38,444	87,048	498,150	645,871	1,142,848	16,418
	Establishments with:										
	90% or more specialization.....	575	11,922	63,426	6,815	13,579	29,933	170,281	230,139	399,903	4,241
	75-89% specialization.....	121	7,608	39,293	4,152	8,416	18,695	100,877	134,474	235,926	1,706
28512	Industrial product finishes, and special coatings (all establishments specializing in product class).....	425	18,634	110,716	10,366	20,964	49,533	236,143	317,904	555,372	10,520
	Establishments with:										
	90% or more specialization.....	216	7,101	42,944	3,950	7,896	19,311	97,345	134,484	231,822	4,849
	75-89% specialization.....	88	3,754	22,187	2,017	4,017	9,235	43,664	58,354	102,331	2,042
28514	Miscellaneous paint products (all establishments specializing in product class).....	48	1,755	10,505	1,143	2,415	5,622	24,762	48,150	72,364	1,301
	Establishments with:										
	90% or more specialization.....	27	621	3,834	387	819	1,948	10,458	17,635	27,417	297
	75-89% specialization.....	8	368	2,041	277	563	1,279	2,583	7,710	10,478	(D)
2852	PUTTY, CAULKING COMPOUNDS, AND ALLIED PRODUCTS (entire industry).....	118	1,736	9,635	876	1,786	3,602	23,610	23,937	47,471	1,148
	Establishments with:										
	90% or more specialization.....	86	843	4,484	508	992	2,062	10,746	10,712	21,379	210
	75-89% specialization.....	9	66	361	38	88	156	874	1,078	1,951	39

D Withheld to avoid disclosing figures for individual companies.

Table 9.—Value of Shipments of Paints, Varnishes, and Lacquers, by Class of Customer: 1958

Item	Shipments including interplant transfers			
	Trade sales products product-class code 28511		Industrial product finishes—product class code 28512	
	Value (\$1,000)	Percent of total	Value (\$1,000)	Percent of total
Shipments by all manufacturing establishments.....	899,177	xxx	627,976	xxx
Shipments by establishments reporting class of customer data, total.....	785,397	100	561,359	100
Shipments to retail stores of the same company.....	141,997	18	12,256	2
Transfers to other manufacturing plants of the same company.....	22,367	3	28,285	5
Shipments to wholesalers, distributors, jobbers, supply houses, cooperatives, etc.....	222,097	28	55,439	10
Shipments to retailers, including retail chains, mail-order houses, department stores, and independent stores.....	269,951	34	20,436	4
Shipments to industrial, commercial, institutional and other types of business users, such as railroads, hotels, utilities (except contractors).....	45,669	6	412,773	74
Shipments to painting contractors.....	35,818	5	7,352	1
Shipments to the Federal Government.....	8,713	1	9,566	2
Shipments to State and local Governments.....	13,308	2	2,672	(1)
Sales to household consumers and farmers.....	17,676	2	674	(1)
Export transactions.....	7,801	1	11,906	2

<sup>1</sup>Less than 0.05 percent.



# Gum and Wood Chemicals and Agricultural Chemicals

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

## S.I.C. Code and Title (1957 Edition)

- 2861--Gum and Wood Chemicals
- 2871--Fertilizers
- 2872--Fertilizers, Mixing Only
- 2873--Agricultural Pesticides
- 2879--Agricultural Chemicals, N.E.C.

## 2861--Gum and Wood Chemicals

This industry comprises establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials. Establishments primarily engaged in manufacturing synthetic tanning materials are classified in Industry 2818, synthetic dyes in Industry 2815, and synthetic organic chemicals in Industry 2818. For a detailed list of products of Industry 2861, refer to table 6A, product codes 2861100 to 2861295.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2861 from code numbers 2861, 2862, 2863, and 2865 in the previous classification system and were slightly changed as to content. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census, is shown in table 1A.

As the table indicates, the new Gum and Wood Chemicals Industry includes old Industries 2861, Hardwood Distillation; 2862, Softwood Distillation; 2863, Gum Naval Stores; and 2865, Tanning and Dyeing Materials. In addition to the combination of the above industries, the new industry also includes 10 plants with 460 employees primarily engaged in manufacturing tall oil and products, which were formerly classified in Industry 2611, Pulp Mills.

Value of shipments and other receipts of the Gum and Wood Chemicals industry in 1958 totaled \$182 million. This included shipments of Gum and Wood chemicals (primary products), valued at \$128 million, shipments of other products (secondary products) valued at \$52 million, and miscellaneous receipts of \$2 million.

This industry's shipments of gum and wood chemicals (primary products) in 1958

represented 71 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of glues and adhesives and sizes, \$19 million; and fatty acids, \$7 million.

The primary products of the industry are represented by two product classes and the establishments tend to specialize in one or the other. As reflected in the specialization table 8, approximately 61 percent of the total industry shipments are represented by plants specializing in product class 28611, softwood distillation products and 39 percent in product class 28612, other gum and wood chemicals.

Industry 2861 shipments of gum and wood chemicals (primary products) in 1958 represented 86 percent (coverage ratio) of these products valued at \$148 million shipped by all industries. Other industries shipping gum and wood chemicals (primary products) consisted mainly of Industry 2631, Paperboard Mills, \$7 million; and Industry 2621, Paper Mills, \$6 million.

The coverage ratio for individual product classes varies significantly from that for the 4-digit industry for the following product classes of Industry 2861, e.g., Softwood distillation products 28611, 97 percent; and Other gum and wood chemicals, 28612, 75 percent.

## 2871--Fertilizers and 2872, Fertilizers, Mixing Only

Industry 2871, Fertilizers, comprises establishments primarily engaged in manufacturing mixed fertilizers (mixtures containing nitrogen, phosphoric acid ( $P_2O_5$ ) or potash), from one or more fertilizer materials produced in the same establishment. Sulfuric, phosphoric, and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in Industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in Industry 2818. Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in Industry 1474. Establishments primarily engaged in manufacturing mixed fertilizers from purchased fertilizer materials are classified in Industry 2872, Fertilizers, Mixing Only. For a detailed list of products of Industry 2871, refer to table 6A,



product codes 2871100 to 2871298. The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Fertilizer Industry (2871) in 1958 totaled \$605 million.

Industry 2872, Fertilizers, Mixing Only, comprises establishments primarily engaged in mixing fertilizers from purchased fertilizer materials. Establishments primarily engaged in manufacturing mixed fertilizers from one or more fertilizer materials produced in the same establishment are classified in Industry 2871, Fertilizers. For a detailed list of products of Industry 2872, refer to table 6A, product codes 2872200 to 2872271. The code number as well as the definition of this industry were unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Value of shipments and other receipts of the Fertilizer, Mixers Only Industry (2872) in 1958 totaled \$439 million.

Detailed shipment information has been combined for Industry 2871, Fertilizers, and Industry 2872, Fertilizers, Mixers Only, and, therefore, separate shipment figures for each industry are not available.

The combined value of shipments and other receipts of the Fertilizer and Fertilizer, Mixers Only, Industries in 1958 totaled \$1,044 million. This included shipments of fertilizers (primary products), valued at \$857 million, shipments of other products (secondary products) valued at \$37 million, and miscellaneous receipts of \$150 million.

The shipments of fertilizers by these industries (primary products) in 1958 represented 96 percent (specialization ratio) of their total product shipments (primary and secondary). Secondary products shipped by these industries in 1958 consisted mainly of sulfuric acid, \$9 million; and agricultural pesticides, \$8 million.

The shipments of fertilizers by industries 2871 and 2872 (primary products) in 1958 represented 97 percent (coverage ratio) of these products valued at \$883 million shipped by all industries. Other industries shipping fertilizers (primary products) consisted mainly of Industry 2819, Inorganic Chemicals, \$9 million, and Industry 2091, Cottonseed Oil Mills, \$4 million.

#### 2873--Agricultural Pesticides, and 2879, Agricultural Chemicals, N.E.C.

These industries comprise establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides,

rodenticides, and herbicides from technical chemicals and concentrates, and the manufacture and formulation of miscellaneous agricultural chemicals, n.e.c., such as minor or trace elements, soil conditioners, etc. For a detailed list of products of Industries 2873 and 2879, refer to table 6A, product codes 2873000 to 2879051.

Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, rodenticides and herbicides, such as lead and calcium arsenates, copper sulfate, DDT, BHC, 2, 4-D, carbonates, etc. are classified in Group 281. Establishments primarily engaged in the production of household pesticides are classified in Industry 2842, while establishments primarily engaged in manufacturing agricultural lime products are classified in Major Group 32.

Both the code number and content for industries 2873 and 2879 were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. The composition of the industries as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

This table indicates that 38 establishments with 1481 employees were reclassified from old Industry 2899, Chemical Products, N.E.C. This reclassification was primarily caused by the inclusion in the new industries plants specializing in Weed Killers (Herbicidal Preparations).

Value of shipments and other receipts of the Agricultural Pesticides and Agricultural Chemicals, N.E.C. industries in 1958 totaled \$333 million. This included shipments of agricultural pesticides and agricultural chemicals, n.e.c. (primary products), valued at \$259 million, shipments of other products (secondary products) valued at \$29 million, and miscellaneous receipts of \$45 million.

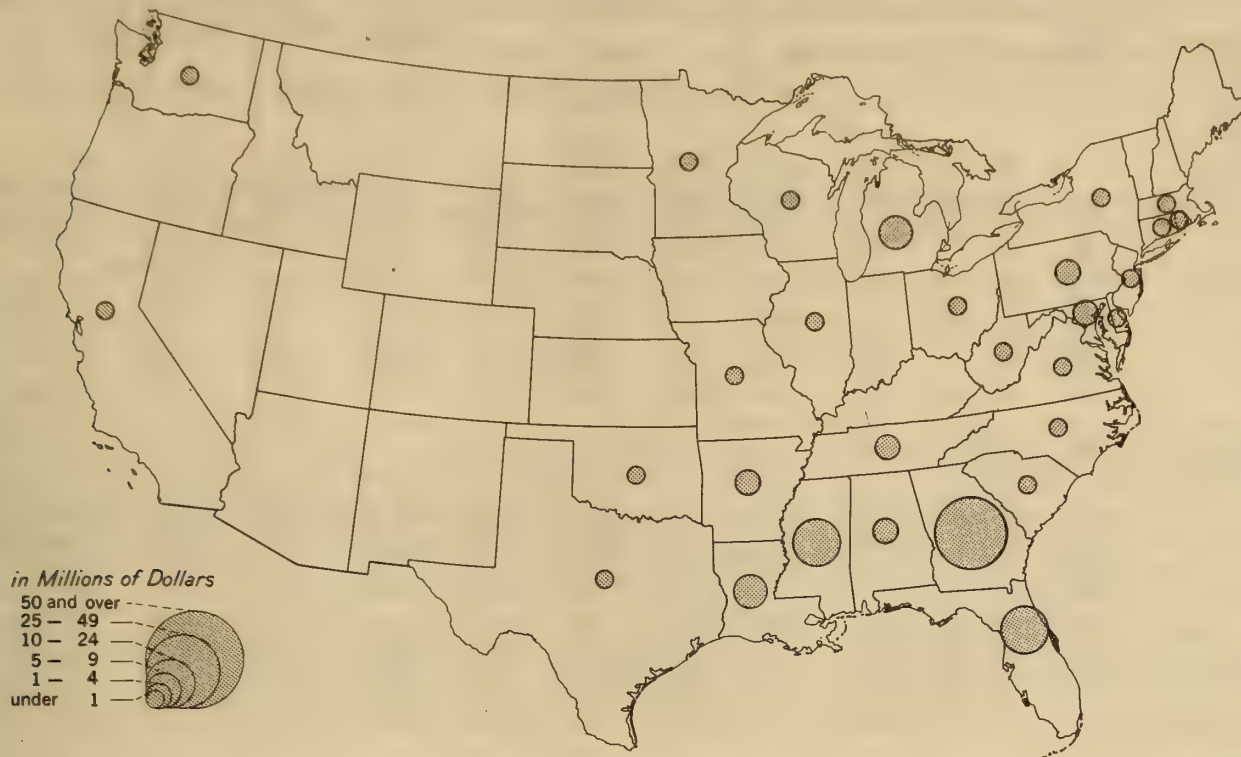
The shipments of agricultural pesticides and agricultural chemicals, n.e.c., by these industries (primary products) in 1958 represented 90 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of industrial organic chemicals, n.e.c., \$9 million; and chemicals and chemical preparations, n.e.c., \$6 million.

The shipments of agricultural pesticides and agricultural chemicals, n.e.c., by industries 2873 and 2879 (primary products) in 1958 represented 74 percent (coverage ratio) of these products valued at \$351 million shipped by all industries. Among other industries shipping significant amounts of agricultural pesticides, and agricultural chemicals, n.e.c. (primary products) were Industry 2818, Industrial Organic Chemicals, N.E.C., \$20 million, and Industry 2819, Industrial Inorganic Chemicals, N.E.C., \$12 million.



## GUM AND WOOD CHEMICALS: SIC 286

Value Added by Manufacture by State: 1958

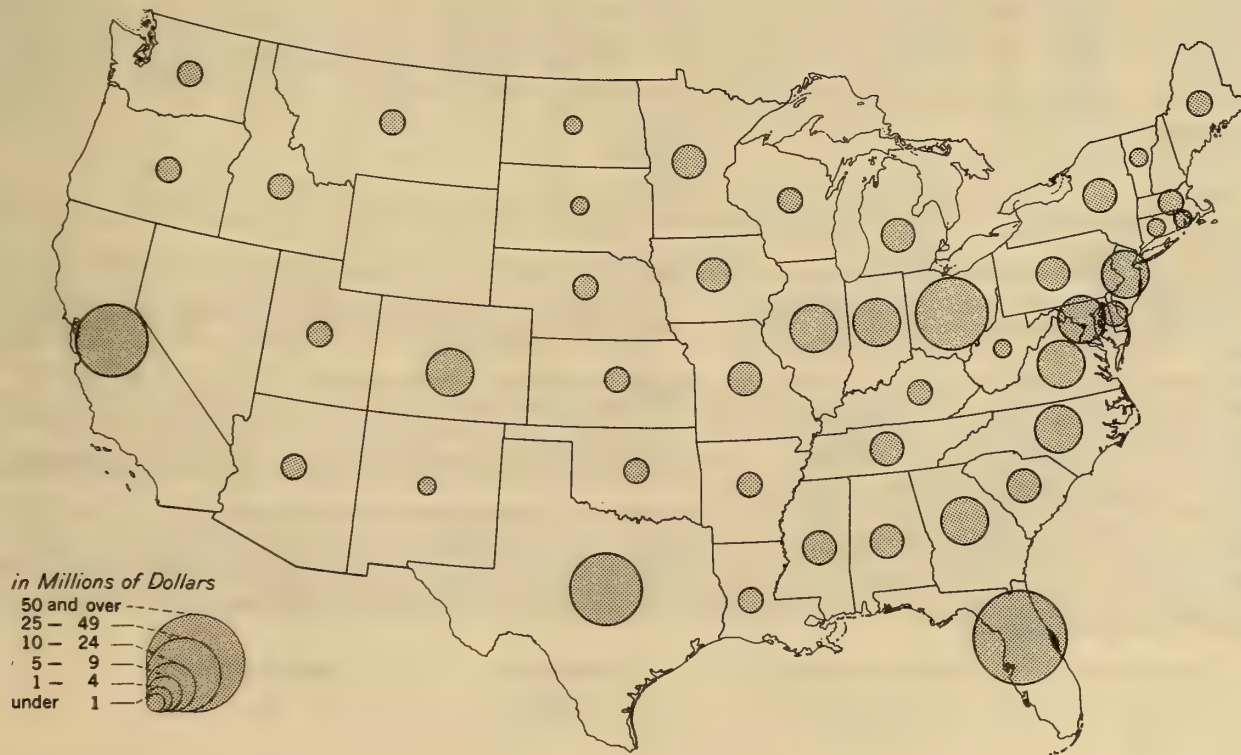


Includes only Industry 2861. See Table 2.

Bureau of the Census 58-D286

## AGRICULTURAL CHEMICALS: SIC 287

Value Added by Manufacture by State: 1958



Includes Industries 2871, 2872, 2873 and 2879. See Table 2.

Bureau of the Census 58-D287

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Com- panies number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expend- itures, new	Spec- ial- ization ratio <sup>6</sup> (per- cent)	Con- ver- sion ratio <sup>7</sup> (per- cent)
			Total	With 20 or more employ- ees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2861	Gum and wood chemicals:														
	1958 (new).....	178	190	41	7,251	30,097	5,916	11,563	21,792	85,302	99,259	182,176	4,928	71	86
	1958 <sup>8</sup> (old).....	...	180	37	6,791	27,661	5,574	10,853	20,086	74,023	85,621	157,594	4,213	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,369	28,902	5,961	12,714	22,175	65,592	(NA)	(NA)	6,947	...	...
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,121	26,978	5,851	12,686	21,392	68,248	(NA)	(NA)	5,825	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,452	28,308	6,232	13,237	21,577	72,309	(NA)	(NA)	8,690	(NA)	(NA)
	1954.....	(NA)	117	45	7,245	26,680	6,050	12,764	19,870	61,867	83,584	146,125	7,742	...	...
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,582	29,334	7,077	14,449	21,975	66,365	(NA)	(NA)	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,053	25,253	5,764	11,214	18,429	47,533	(NA)	(NA)	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,340	24,828	6,379	12,931	19,773	73,006	(NA)	(NA)	7,313	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	4,454	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,271	20,644	6,367	13,402	16,420	40,088	80,887	120,975	4,858	(NA)	(NA)
	1947.....	(NA)	117	61	8,447	20,472	7,370	15,434	16,308	62,965	80,734	143,007	3,700	...	...
	1939.....	(NA)	858	(NA)	(NA)	(NA)	6,368	(NA)	5,027	20,723	29,867	50,590	(NA)	(NA)	(NA)
2871 (old SIC 2871)	Fertilizers:														
	1958.....	(NA)	283	205	18,728	79,022	14,104	28,986	55,256	197,943	406,203	605,249	24,276	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	18,540	78,372	13,961	29,683	54,931	182,820	358,902	541,392	19,415	94	61
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	19,219	79,465	14,865	31,942	56,811	162,655	371,010	530,246	30,630	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	20,122	76,015	15,818	33,095	53,867	176,047	369,930	535,521	33,054	(NA)	(NA)
	1954.....	(NA)	260	215	19,728	73,048	15,728	34,527	53,431	179,420	412,203	589,835	33,762	96	60
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	22,018	77,470	17,207	(NA)	54,702	179,606	363,770	543,376	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	23,046	74,897	18,550	(NA)	54,709	159,866	372,308	533,432	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	22,759	67,689	18,524	(NA)	49,449	165,839	315,654	482,751	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	19,232	50,033	15,481	31,522	36,737	108,342	226,944	336,480	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	19,887	51,429	16,692	34,137	38,129	117,844	242,341	360,073	(NA)	(NA)	(NA)
	1947.....	...	187	...	20,357	47,928	17,359	37,858	37,235	126,919	197,558	312,229	10,823	92	60
	1939.....	(NA)	171	(NA)	(NA)	(NA)	11,028	(NA)	9,319	32,172	68,117	100,289	(NA)	(NA)	(NA)
2872 (old SIC 2872)	Fertilizers, mixing only:														
	1958.....	(NA)	685	202	12,161	43,610	8,313	15,931	25,580	105,845	333,332	438,628	8,676	(NA)	(NA)
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	11,815	44,715	8,337	18,085	26,412	93,522	255,885	337,244	20,515	97	45
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	11,176	40,982	7,990	17,456	24,379	85,875	239,137	318,231	17,265	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,004	39,191	8,780	17,395	23,139	94,503	244,353	327,977	15,940	(NA)	(NA)
	1954.....	(NA)	580	203	12,040	38,480	8,866	18,575	23,483	92,631	318,885	411,431	12,825	95	44
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,892	36,655	9,619	(NA)	22,281	89,277	242,258	331,309	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,562	33,522	9,675	(NA)	20,618	79,257	210,926	290,956	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,161	28,420	9,220	18,134	17,299	62,936	188,372	251,074	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	12,105	27,448	9,440	18,736	16,893	60,708	178,577	239,182	(NA)	(NA)	(NA)
	1947.....	(NA)	518	...	11,615	23,772	9,251	19,102	15,607	60,007	136,479	193,318	6,310	98	47
	1939.....	(NA)	592	(NA)	(NA)	(NA)	7,779	(NA)	4,412	25,069	60,632	85,701	(NA)	(NA)	(NA)
2873 (old SIC 2897)	Agricultural pesti- cides and Agricul- tural chemicals, nec. <sup>10</sup>														
	1958.....	...	337	101	7,790	37,789	4,919	9,502	18,632	110,993	223,232	333,105	6,977	90	74

NA Not available. <sup>10</sup>Revised.<sup>8</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>1</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>2</sup> The method of compiling these figures has varied, as follows: All employees: for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>3</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry code	Value added (\$1,000)	Industry code	Value added (\$1,000)
2861	62,051	2873	(NA)
2871	171,297	2879	
2872	81,125		

Footnotes continued on next page



Footnotes for Table 1—28F

<sup>4</sup>For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry code	Cost of materials, etc. (\$1,000)		Industry code	Cost of materials, etc. (\$1,000)	
	1958	1954		1958	1954
2861	97,873	81,258	2873 }	195,994	(NA)
2871	353,467	362,150	2879 }		
2872	265,600	248,204			

<sup>5</sup>For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry code	Value of shipments (\$1,000)		Industry code	Value of shipments (\$1,000)	
	1958	1954		1958	1954
2861	180,652	143,314	2873 }	295,874	(NA)
2871	543,319	533,448	2879 }		
2872	355,095	329,328			

<sup>6</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>7</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. These 1958 figures and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volume for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC <sup>1</sup>			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2861—Gum and wood chemicals.....	190	41	7,251	85,302	xxx	xxx	xxx	xxx
Old Industry 2861—Hardwood distillation.....	50	12	1,776	10,752	50	12	1,776	10,752
Old Industry 2862—Softwood distillation.....	79	14	4,193	54,172	79	14	4,193	54,172
Old Industry 2863—Gun naval stores.....	24	8	467	5,063	24	8	467	5,063
Old Industry 2865—Tanning and dyeing materials.....	27	3	355	4,036	27	3	355	4,036
Old Industry 2611—Pulp mills.....	10	4	460	11,279	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
New Industry 2873—Agricultural pesticides, and Industry 2879, Agricultural chemicals, NEC.....	337	101	7,790	110,993	xxx	xxx	xxx	xxx
Old Industry 2897—Insecticides and fungicides.....	296	84	6,247	78,385	<sup>r</sup> 299	<sup>r</sup> 86	<sup>r</sup> 6,467	<sup>r</sup> 84,589
Old Industry 2899—Chemical products, NEC.....	38	15	1,481	31,908	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Other industries.....	3	2	62	700	xxx	xxx	xxx	xxx

<sup>1</sup>Not shown where the establishments reclassified out of the old SIC Industry comprised less than 10 percent of adjusted value added.

<sup>r</sup>Revised.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2861	Gum and wood chemicals, total...	190	41	7,251	30,097	5,916	11,563	21,792	85,302	182,176	4,928	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Northeast.....	41	4	375	1,564	286	536	995	3,148	7,019	116	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	East North Central	18	3	888	3,656	762	1,558	2,714	5,892	11,676	329	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	West North Central	27	1	135	340	119	206	303	580	1,048	52	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	South Atlantic....	40	17	2,747	12,415	2,172	4,313	8,893	45,248	93,497	2,370	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Georgia.....	14	6	1,170	5,578	963	1,888	4,151	26,488	55,568	(D)	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	East South Central	22	10	2,021	8,188	1,660	3,230	5,947	19,988	49,030	1,313	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Alabama.....	13	5	439	1,691	349	696	1,210	4,555	11,254	(D)	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	West South Central	32	6	1,046	3,840	885	1,667	2,868	10,198	19,462	739	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
	Pacific.....	10	...	39	94	32	53	72	248	444	9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2871	Fertilizers, total..	283	205	18,728	79,022	14,104	28,986	55,256	197,943	605,249	24,276	19,728	171,297	20,357
	New England.....	3	3	216	771	152	295	569	1,520	5,169	124	226	1,879	387
	Massachusetts....	3	3	216	771	152	295	569	1,520	5,169	124	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Middle Atlantic...	8	6	1,041	4,860	768	1,601	3,506	8,283	24,748	1,202	1,273	9,305	1,490
	New Jersey.....	3	3	624	3,080	459	979	2,229	4,827	13,608	(D)	807	5,342	842
	East North Central	55	48	4,135	19,260	3,015	6,289	13,259	46,075	158,925	5,917	4,483	46,466	3,659
	Ohio.....	20	18	1,545	6,798	1,115	2,261	4,527	14,875	48,771	2,616	1,670	15,885	1,673
	Indiana.....	9	9	573	2,510	445	924	1,671	6,481	24,863	425	638	6,883	327
	Illinois.....	16	14	1,391	6,808	976	2,049	4,648	16,237	57,828	2,108	1,577	17,393	(D)
	West North Central	22	11	801	3,161	566	1,191	2,148	8,142	34,156	393	685	8,493	307
	Iowa.....	5	4	209	839	152	301	586	2,702	10,543	93	216	3,349	115
	Missouri.....	6	3	344	1,457	228	505	934	2,909	12,572	254	337	3,780	(D)
	South Atlantic....	84	73	7,869	31,418	6,151	12,562	22,722	80,202	218,254	6,570	8,231	62,563	9,948
	Maryland.....	5	4	577	2,634	450	930	1,929	6,111	16,690	596	789	7,735	2,549
	Virginia.....	12	12	1,147	4,068	889	1,645	2,934	9,252	28,891	1,333	1,263	11,451	1,310
	North Carolina..	13	10	744	2,418	567	1,044	1,625	4,991	19,830	152	1,014	6,615	1,282
	Georgia.....	24	21	1,257	3,998	945	1,860	2,590	6,323	30,822	365	1,499	7,015	2,288
	Florida.....	17	16	3,523	16,529	2,836	6,143	12,382	50,009	108,237	3,843	2,707	23,996	1,203
	East South Central	42	37	2,040	6,861	1,654	3,272	5,023	17,439	58,625	7,418	2,163	15,769	2,573
	Kentucky.....	5	4	158	526	108	198	295	1,079	5,027	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Tennessee.....	12	12	850	3,042	696	1,400	2,205	8,529	26,472	(D)	978	9,161	1,222
	Alabama.....	15	12	554	1,771	442	891	1,331	3,739	14,424	(D)	615	3,549	868
	Mississippi.....	10	9	478	1,522	408	783	1,192	4,092	12,702	(D)	485	2,516	483
	West South Central	31	19	1,547	6,849	1,078	2,336	4,557	23,487	62,834	1,145	2,071	23,623	1,473
	Arkansas.....	5	4	239	847	152	372	525	1,991	9,603	157	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Texas.....	13	7	799	4,126	561	1,207	2,793	18,064	41,998	583	1,104	15,612	(D)
	West.....	38	8	1,079	5,842	720	1,440	3,472	12,795	37,538	1,507	594	3,197	520
	California.....	18	6	441	2,705	290	586	1,415	7,912	24,076	695	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2872	Fertilizers, mixing only, total.....	685	203	12,161	43,610	8,313	15,931	25,580	105,845	438,628	8,676	12,040	81,125	11,615
	New England.....	24	4	312	1,148	250	469	794	2,530	13,083	126	435	3,091	593
	Maine.....	11	3	180	641	137	248	371	1,007	6,696	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Middle Atlantic...	69	24	1,241	4,813	850	1,628	2,758	11,521	42,049	787	1,016	6,779	794
	New York.....	24	10	444	1,731	323	626	1,080	4,896	17,287	456	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	New Jersey.....	16	8	353	1,344	253	453	806	2,993	11,481	(D)	238	1,540	166
	Pennsylvania....	29	6	444	1,738	274	549	872	3,632	13,281	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	East North Central	117	28	1,803	7,223	1,321	2,622	4,941	24,092	86,052	2,944	1,238	13,618	1,134
	Ohio.....	35	12	736	3,039	515	1,031	1,941	10,511	33,001	957	392	4,018	459
	Illinois.....	28	2	210	878	157	317	612	2,993	10,477	218	151	1,534	176
	West North Central	81	15	1,062	4,109	800	1,492	2,712	11,245	55,244	760	889	10,053	(D)
	Minnesota.....	18	4	300	1,190	236	431	845	3,692	18,500	269	248	4,187	48
	Iowa.....	21	4	298	1,141	220	406	741	2,964	15,127	263	245	1,766	(D)
	Missouri.....	16	4	281	1,184	202	414	739	2,907	13,757	181	178	2,108	...
	South Atlantic....	237	99	5,442	17,688	3,690	7,034	10,027	38,589	166,101	2,987	5,562	31,949	6,374
	Maryland.....	29	15	938	3,588	653	1,313	2,204	6,659	28,425	712	782	5,353	892
	Virginia.....	24	14	824	2,534	531	961	1,467	5,734	22,217	333	686	4,173	942
	North Carolina..	42	22	1,138	3,188	713	1,268	1,620	6,116	30,467	563	1,148	7,853	1,019
	South Carolina..	30	8	404	1,019	315	572	691	2,355	10,053	111	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Georgia.....	62	16	932	2,412	701	1,200	1,487	4,954	24,919	301	1,272	4,165	1,187
	Florida.....	44	23	1,109	4,450	714	1,579	2,358	11,691	45,966	900	981	7,555	1,201
	East South Central	56	13	852	2,681	624	1,208	1,690	6,410	30,978	346	1,031	5,925	1,049
	Kentucky.....	18	4	262	939	186	354	582	2,580	11,413	135	277	2,583	236
	Tennessee.....	6	3	129	362	101	188	238	954	5,503	(D)	152	820	(D)
	Alabama.....	26	6	416	1,257	307	613	782	2,675	12,934	(D)	520	2,009	567
	West South Central	28	4	336	1,066	254	451	673	2,643	11,730	230	529	2,506	545
	Texas.....	21	2	199	689	147	262	438	2,041	7,131	171	216	1,420	172
	West.....	73	15	1,113	4,882	524	1,027	1,985	8,815	33,391	496	1,337	7,201	1,019
	California.....	48	10	768	3,234	308	603	1,200	5,277	21,780	377	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.



Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2873 and 2879	Agricultural pesticides and agricultural chemicals, nec, total.....	337	101	7,790	37,789	4,919	9,502	18,632	110,993	333,105	6,977	(2)	(2)	(2)
	New England.....	10	1	75	334	55	96	202	645	2,980	67	(2)	(2)	(2)
	Middle Atlantic...	40	14	1,565	8,495	830	1,650	3,637	15,735	49,062	634	(2)	(2)	(2)
	New York.....	12	1	392	2,182	155	302	584	3,047	9,699	100	(2)	(2)	(2)
	New Jersey.....	19	10	711	3,562	486	961	2,085	9,260	28,750	473	(2)	(2)	(2)
	Pennsylvania....	9	3	462	2,751	189	387	968	3,428	10,613	61	(2)	(2)	(2)
	East North Central	27	7	432	2,056	235	426	822	6,253	14,701	375	(2)	(2)	(2)
	West North Central	31	9	601	3,370	336	625	1,317	6,649	29,441	2,028	(2)	(2)	(2)
	Missouri.....	11	4	375	2,286	162	317	676	3,991	17,981	1,873	(2)	(2)	(2)
	South Atlantic....	69	22	1,413	5,043	1,116	2,331	3,221	10,718	61,257	360	(2)	(2)	(2)
	Maryland.....	7	4	175	743	138	284	526	2,167	10,957	22	(2)	(2)	(2)
	North Carolina..	13	2	136	527	90	141	214	1,341	5,981	73	(2)	(2)	(2)
	Georgia.....	16	5	519	1,560	464	1,064	1,223	2,437	18,385	101	(2)	(2)	(2)
	Florida.....	21	8	441	1,612	318	653	958	3,256	20,446	120	(2)	(2)	(2)
	East South Central	24	8	317	1,082	218	399	530	2,889	13,602	94	(2)	(2)	(2)
	Alabama.....	11	2	107	295	70	107	159	605	3,369	51	(2)	(2)	(2)
	Mississippi.....	9	3	137	497	100	189	230	1,837	8,716	32	(2)	(2)	(2)
	West South Central	54	17	1,269	6,504	844	1,710	3,524	28,766	66,353	1,897	(2)	(2)	(2)
	Texas.....	39	15	1,109	5,798	718	1,467	3,069	27,698	59,930	1,860	(2)	(2)	(2)
	Mountain.....	21	4	682	3,741	426	832	1,988	20,113	29,364	421	(2)	(2)	(2)
	Pacific.....	61	19	1,436	7,164	859	1,433	3,391	19,225	66,345	1,101	(2)	(2)	(2)
	Oregon.....	4	3	196	858	138	220	554	2,160	7,207	(D)	(2)	(2)	(2)
	California.....	50	16	1,197	6,161	686	1,166	2,733	16,734	57,860	(D)	(2)	(2)	(2)

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2861, Gum and Wood Chemicals: Northeast—Massachusetts, 8 (20-99); Rhode Island, 1 (1-19); Connecticut, 2 (20-99); Middle Atlantic—New York, 14 (20-99); New Jersey, 2 (1-19); Pennsylvania, 14 (100-249); East North Central—Ohio, 4 (20-99); Illinois, 5 (20-99); Michigan, 5 (500-999); Wisconsin, 4 (1-19); West North Central—Minnesota, 1 (1-19); Missouri, 26 (100-249); South Atlantic—Delaware, 1 (1-19); Maryland, 1 (100-249); Virginia, 3 (20-99); West Virginia, 2 (1-19); North Carolina, 4 (20-99); South Carolina, 1 (1-19); Florida, 14 (1,000-2,499); East South Central—Kentucky, 1 (1-19); Tennessee, 3 (250-499); Mississippi, 5 (1,219); West South Central—Arkansas, 8 (100-249); Louisiana, 8 (500-999); Oklahoma, 3 (1-19); Texas, 13 (100-299); Pacific—Washington, 3 (1-19); California, 7 (20-99).

SIC 2871, Fertilizers: Northeast—Massachusetts, 3 (100-249); Middle Atlantic—New York, 2 (100-249); Pennsylvania, 3 (250-499); East North Central—Michigan, 5 (250-499); Wisconsin, 5 (100-249); West North Central—Minnesota, 3 (100-249); Nebraska, 3 (20-99); Kansas, 5 (20-99); South Atlantic—Delaware, 1 (1-19); District of Columbia, 1 (1-19); South Carolina, 11 (500-999); West South Central—Louisiana, 8 (250-499); Oklahoma, 5 (100-249); West—Montana, 2 (250-499); Idaho, 3 (100-249); Colorado, 3 (20-99); New Mexico, 2 (1-19); Arizona, 1 (1-19); Utah, 1 (1-19); Washington, 6 (1-19); Oregon, 2 (1-19).

SIC 2872, Fertilizers, Mixing Only: New England—Vermont, 1 (1-19); Massachusetts, 6 (20-99); Rhode Island, 4 (20-99); Connecticut, 2 (1-19); East North Central—Indiana, 30 (500-999); Michigan, 9 (20-99); Wisconsin, 15 (100-249); West North Central—South Dakota, 2 (20-99); Nebraska, 12 (20-99); Kansas, 12 (20-99); South Atlantic—Delaware, 5 (20-99); West Virginia, 1 (1-19); East South Central—Mississippi, 6 (20-99); West South Central—Arkansas, 4 (20-99); Louisiana, 2 (20-99); Oklahoma, 1 (1-19); West—Idaho, 1 (1-19); Colorado, 5 (20-99); Arizona, 4 (20-99); Utah, 1 (100-249); Washington, 11 (100-249); Oregon, 3 (20-99).

SIC 2873 and 2879, Agricultural Pesticides and Agricultural Chemicals, NEC: New England—Vermont, 1 (1-19); Massachusetts, 7 (20-99); Connecticut, 2 (1-19); East North Central—Ohio, 7 (20-99); Indiana, 1 (1-19); Illinois, 8 (100-249); Michigan, 7 (20-99); Wisconsin, 4 (20-99); West North Central—Minnesota, 4 (20-99); Iowa, 2 (20-99); North Dakota, 1 (1-19); South Dakota, 1 (1-19); Nebraska, 4 (20-99); Kansas, 8 (100-249); South Atlantic—Virginia, 4 (20-99); West Virginia, 2 (20-99); South Carolina, 6 (20-99); East South Central—Kentucky, 3 (20-99); Tennessee, 1 (20-99); West South Central—Arkansas, 4 (20-99); Louisiana, 6 (20-99); Oklahoma, 5 (20-99); Mountain—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 10 (250-499); Arizona, 7 (20-99); Utah, 2 (100-249); Pacific—Washington, 7 (20-99).

<sup>2</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

<sup>3</sup>This State was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such States. In the 1947 report, the footnote to table 2 usually provided similar information.

## MANUFACTURES-INDUSTRY STATISTICS

Table 3.-Detailed Statistics for the United States: 1958

Item	Gum and wood chemicals (SIC 2861)	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Agricultural pesticides (SIC 2873) and Agricultural chemicals, nec (SIC 2879)
Primary product specialization ratio <sup>1</sup> .....	71	(NA)	(NA)	90
Coverage ratio <sup>2</sup> .....	86	(NA)	(NA)	74
Number of establishments, total.....	190	283	685	337
With 1-19 employees.....	149	78	483	236
With 20-99 employees.....	21	150	192	86
With 100 employees or more.....	20	55	10	15
Proprietors and working partners.....Number..	101	(NA)	(NA)	77
All employees:				
Number (average for the year).....	7,251	18,728	12,161	7,790
Payroll.....\$1,000..	30,097	79,022	43,610	37,789
Production workers:				
Number (average for the year).....	5,916	<sup>3</sup> 13,614	<sup>3</sup> 8,016	4,919
January.....	...	13,340	7,646	...
February.....	...	13,820	8,043	...
March.....	5,818	16,072	9,930	4,928
April.....	...	18,212	11,380	...
May.....	6,231	16,863	10,636	5,520
June.....	...	12,659	7,870	...
July.....	...	11,077	6,359	...
August.....	6,136	11,303	6,296	5,105
September.....	...	12,566	6,957	...
October.....	...	12,930	7,162	...
November.....	5,520	12,083	6,821	4,240
December.....	...	12,445	7,094	...
Man-hours.....1,000..	11,563	28,986	15,931	9,502
January-March.....do...	2,798	7,571	4,060	2,302
April-June.....do...	3,057	8,807	5,194	2,729
July-September.....do...	2,948	5,970	3,038	2,426
October-December.....do...	2,675	6,601	3,423	1,930
Wages.....\$1,000..	21,792	55,256	25,580	18,632
Cost of materials, etc., total.....do...	99,259	406,203	333,332	223,232
Materials, parts, containers, and supplies consumed.....do...	93,244	343,962	262,451	192,423
Cost of resales.....do...	1,386	52,736	67,732	27,238
Fuels consumed.....do...	3,619	3,522	1,170	1,446
Electricity purchased.....do...	972	5,819	1,762	1,146
Contract work.....do...	38	164	217	979
Value of shipments (including resales), total.....do...	182,176	605,249	438,628	333,105
Value of resales.....do...	1,524	61,390	83,533	37,231
Value added by manufacture, adjusted.....do...	85,302	197,943	105,845	110,993
Manufacturers' inventories:				
Beginning of year, total.....do...	28,437	99,259	68,585	60,954
Finished products.....do...	14,063	50,288	38,741	35,607
Work-in-process.....do...	1,592	14,614	7,185	1,698
Materials, supplies, fuel, etc.....do...	12,782	34,357	22,659	23,649
End of year, total.....do...	31,260	98,740	70,999	62,453
Finished products.....do...	15,814	49,395	38,776	37,217
Work-in-process.....do...	2,226	14,404	7,699	1,208
Materials, supplies, fuel, etc.....do...	13,220	34,941	24,524	24,028
Expenditures for plant and equipment, total.....do...	4,944	24,397	9,033	7,405
New, total.....do...	4,928	24,276	8,676	6,977
New structures and additions to plant.....do...	630	4,252	3,270	1,492
New machinery and equipment.....do...	4,298	20,024	5,406	5,485
Used plant and equipment.....do...	16	121	357	428

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

NA Not available.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.

<sup>3</sup>Differs from the production worker figure appearing in tables 1 and 2 because the figures in those tables are based on employment for the payroll periods ended nearest the 15th of March, May, August and November. In this table they represent the average of the 12 monthly figures.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size, for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establishments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
2861	Gum and wood chemicals:											
	Number of establishments.....	190	83	35	31	16	5	13	4	3	...	...
	All employees:											
	Number.....	7,251	187	242	429	469	313	1,978	<u>2,633</u>	(D)	...	...
	Payroll.....\$1,000..	30,097	496	836	1,294	1,327	1,320	7,402	<u>17,422</u>	(D)	...	...
	Value added, adjusted..do....	85,302	1,607	2,454	4,018	3,199	4,490	17,748	<u>51,786</u>	(D)	...	...
	Value of shipments.....do....	182,176	2,843	6,390	10,549	11,337	8,051	40,713	<u>102,293</u>	(D)	...	...
	Capital expend., new...do....	4,928	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,402	<u>2,616</u>	(D)	...	...
2871	Fertilizers:											
	Number of establishments.....	283	33	17	28	73	77	47	7	1	...	...
	All employees:											
	Number.....	18,728	71	119	395	2,582	5,322	6,592	<u>3,647</u>	(D)	...	...
	Payroll.....\$1,000..	79,022	289	375	1,312	9,203	20,963	29,241	<u>17,639</u>	(D)	...	...
	Value added, adjusted..do....	197,943	575	788	3,151	22,245	52,459	64,746	<u>53,979</u>	(D)	...	...
	Value of shipments.....do....	605,249	1,685	3,784	12,415	91,836	184,877	197,629	<u>113,023</u>	(D)	...	...
	Capital expend., new...do....	24,276	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,779	5,909	11,714	<u>4,440</u>	(D)	...	...
2872	Fertilizers, mixing only:											
	Number of establishments.....	685	171	120	192	164	28	10	...	...	...	...
	All employees:											
	Number.....	12,161	381	841	2,646	5,014	1,887	1,392	...	...	...	...
	Payroll.....\$1,000..	43,610	1,403	2,707	9,265	17,644	7,542	5,049	...	...	...	...
	Value added, adjusted..do....	105,845	3,909	8,093	23,462	43,828	16,257	10,296	...	...	...	...
	Value of shipments.....do....	438,628	16,688	30,483	96,401	182,536	73,107	39,413	...	...	...	...
	Capital expend., new...do....	8,676	723	672	1,894	3,278	1,456	653	...	...	...	...
2873 and 2879	Agricultural pesticides:											
	Agricultural chemicals, nec:											
	Number of establishments.....	337	117	56	63	67	19	10	5	...	...	...
	All employees:											
	Number.....	7,790	245	366	838	2,005	1,351	1,305	1,680	...	...	...
	Payroll.....\$1,000..	37,789	791	1,331	4,003	8,582	6,462	6,948	9,672	...	...	...
	Value added, adjusted..do....	110,993	2,855	4,671	10,966	22,070	14,930	16,037	39,464	...	...	...
	Value of shipments.....do....	333,105	11,277	14,850	42,320	81,671	58,013	54,523	70,451	...	...	...
	Capital expend., new...do....	6,977	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	837	995	2,736	1,374	...	...	...

<sup>1</sup>Less than \$500 thousand.

Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2861	Gum and wood chemicals.....1958..	182,176	127,584	52,242	2,350	71	147,529	127,584	19,945	86
2871	Fertilizers.....1958..	605,249	857,026	36,674	150,177	96	883,301	857,026	26,275	97
2872	Fertilizers, mixing only.....1958..	438,628								
2871	Fertilizers.....1954..	589,835	511,671	18,959	59,205	96	855,196	511,671	343,525	60
2872	Fertilizers, mixing only.....1954..	411,431	310,481	17,301	83,649	95	707,444	310,481	396,963	44
2873	Agricultural pesticides and	333,105	259,187	28,934	44,984	90	351,110	259,187	91,923	74
2879	agricultural chemicals, nec....1958..									

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Gum and wood chemicals industry	Gum and wood chemicals (SIC 2861)	Other industries	All industries
	Total shipments and receipts of the industry.....	182,176	xxx	xxx
	Primary products.....	127,584	19,945	147,529
28611	Softwood distillation products.....	74,043	1,993	76,036
28612	Other gum and wood chemicals.....	53,541	17,952	71,493
	Secondary products.....	52,242	xxx	xxx
28215	Plastics and resin materials, nec.....	3,774	xxx	xxx
28911	Glues and adhesives and sizes.....	18,826	xxx	xxx
28940	Fatty acids.....	6,534	xxx	xxx
	Other secondary products.....	23,108	xxx	xxx
	Miscellaneous receipts.....	2,350	xxx	xxx
	Resales.....	1,524	xxx	xxx
	Other receipts.....	826	xxx	xxx



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Fertilizer industry	Fertilizers, and fertilizers mixing only (SIC 2871 and 2872)	Other industries	All industries		
	Total shipments and receipts of the industry.....	1,043,877	xxx	xxx		
	Primary products.....	857,026	26,275	883,301		
28711- 28712	Superphosphate and other phosphatic fertilizer materials.....	149,573	<sup>3</sup> 4,038	153,611		
28722-	Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin.....	702,714	<sup>4</sup> 21,588	724,302		
28710 28720	Mixed fertilizer made by plants which do not manufacture any ingredients.....					
	} Fertilizers, nsk.....	4,739	649	5,388		
	Other products.....	36,674	xxx	xxx		
28193	Sulfuric acid.....	9,271	xxx	xxx		
28197	Potassium and sodium compounds.....	2,201	xxx	xxx		
28199	Other inorganic chemicals, nec.....	2,493	xxx	xxx		
28730	Agricultural pesticides.....	8,397	xxx	xxx		
	Other secondary products.....	114,312	xxx	xxx		
	Miscellaneous receipts.....	150,177	xxx	xxx		
	Contract work.....	3,333	xxx	xxx		
	Resales.....	144,923	xxx	xxx		
	Other receipts.....	1,921				
Prod. class code	Agricultural pesticides and agricultural chemicals, nec industries	Agricultural pesticides and agricultural chemicals, nec (SIC 2873 and 2879)	Organic chemicals, nec (SIC 2818)	Inorganic chemicals, nec (SIC 2819)	Other industries	All industries
	Total shipments and receipts of the industry.....	333,105	xxx	xxx	xxx	xxx
28730	Agricultural pesticides, herbicidal preparations and similar agricultural chemicals.....	258,637	20,281	12,359	<sup>5</sup> 55,709	346,986
28790	Agricultural chemicals, nec.....	550	...	...	<sup>6</sup> 3,574	4,124
	Secondary products.....	28,934	xxx	xxx	xxx	xxx
28182	Miscellaneous acyclic chemicals and chemical products.....	6,317	xxx	xxx	xxx	xxx
28184	Pesticides and other organic agricultural chemicals (not formulations)	2,652	xxx	xxx	xxx	xxx
2819-	Inorganic chemicals, nec.....	2,145	xxx	xxx	xxx	xxx
28421	Household insecticides and repellants.....	2,303	xxx	xxx	xxx	xxx
28712	Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin.....	2,165	xxx	xxx	xxx	xxx
28993	Essential oils, fireworks and pyrotechnics, chemicals and chemical preparations, nec.....	5,641	xxx	xxx	xxx	xxx
	Other secondary products.....	7,711	xxx	xxx	xxx	xxx
	Miscellaneous receipts.....	44,984	xxx	xxx	xxx	xxx
	Resales.....	37,231	xxx	xxx	xxx	xxx
	Other receipts.....	7,753	xxx	xxx	xxx	xxx

<sup>r</sup>Revised.

<sup>1</sup>Includes \$5,580 thousand shipped by establishments classified in Industry 2621, Paper Mills, Except Building; \$7,082 thousand shipped by establishments classified in Industry 2631, Paperboard Mills; and \$2,658 thousand shipped by establishments classified in Industry 2891, Glue and Gelatin.

<sup>2</sup>The following product class had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28730, Agricultural pesticides, herbicidal preparations and similar agricultural chemicals.

<sup>3</sup>The following industry had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures 2819, Inorganic chemicals, nec.

<sup>4</sup>Includes \$8,577 thousand shipped by establishments classified in Industry 2819, Inorganic chemicals, nec; \$3,669 shipped by establishments classified in Industry 2091, Cottonseed oil mills; \$2,130 shipped by establishments classified in Industry 2092, Soybean Oil Mills; \$2,150 shipped by establishments classified in Industry 2042, Prepared animal feeds; and \$2,165 shipped by establishments classified in Industry 2873, Agricultural pesticides.

<sup>5</sup>Includes \$6,133 thousand shipped by establishments classified in Industry 2812, Alkalies and Chlorine; \$3,325 thousand shipped by establishments classified in Industry 2834, Pharmaceutical Preparations; \$6,421 thousand shipped by establishments classified in Industry 2842, Polishes and Sanitation Goods; \$3,059 thousand shipped by establishments classified in Industry 2871, Fertilizers; \$5,338 thousand shipped by establishments classified in Industry 2872, Fertilizers, Mixing Only; and \$3,356 thousand shipped by establishments classified in Industry 2899, Chemical Preparations, nec. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: Industry 2821, Plastics Materials; and Industry 2861, Gum and Wood Chemicals.

<sup>6</sup>Includes \$2,055 thousand shipped by establishments classified in Industry 2834, Pharmaceutical Preparations.

Table 6A.-Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954

Product code	Product	Unit of measure	1958			1954		
			Production for all purposes (quantity)		Value (\$1,000)	Production for all purposes (quantity)		Value (\$1,000)
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	
2861---	Gum and wood chemicals, total.....	.....	xxx	147,529	xxx	xxx	111,151	xxx
28611--	Softwood distillation products.....	.....	xxx	76,036	xxx	xxx	61,775	xxx
2861113	Wood turpentine <sup>1</sup> 2.....	1,000 gallons.....	8,742	4,292	9,776	8,611	4,511	8,611
2861123	Pine oil.....	1,000 pounds.....	84,476	74,232	67,879	65,429	7,475	65,429
2861131	Wood rosin <sup>2</sup> .....	1,000 drums of 520 pounds.....	1,246	1,065	1,367	1,283	39,390	1,283
2861141	Pine tar and pine tar oil.....	1,000 gallons.....	3,767	3,156	4,971	5,285	2,070	5,285
2861151	Charcoal.....	1,000 pounds.....	35,611	39,954	49,551	44,777	7,800	44,777
2861198	Other derivatives of softwood distillation.....	.....	xxx	xxx	xxx	xxx	xxx	xxx
2861100	Softwood distillation, nsk.....	.....	xxx	xxx	xxx	xxx	xxx	xxx
28612--	Other gum and wood chemicals.....	.....	xxx	71,493	xxx	xxx	49,376	xxx
2861211	Gum naval stores.....	.....	xxx	15,388	xxx	xxx	22,797	xxx
2861221	Gum turpentine.....	1,000 barrels of 50 gallons.....	94	2,709	168	165	4,249	165
2861210	Rosin.....	1,000 drums of 517 pounds.....	292	11,696	477	430	17,249	430
2861231	Gum naval stores, nsk.....	.....	xxx	985	xxx	xxx	1,299	xxx
2861241	Hardwood distillation products.....	.....	xxx	19,300	xxx	xxx	14,504	xxx
2861251	Acetic acid, natural <sup>6</sup> .....	.....	xxx	1,738	xxx	xxx	1,689	xxx
2861261	Methanol (methyl or wood alcohol) <sup>7</sup> .....	.....	xxx	1,163	xxx	xxx	1,014	xxx
2861271	Charcoal <sup>8</sup> .....	1,000 pounds.....	427,807	382,727	379,410	335,652	11,129	335,652
2861281	Other derivatives of hardwood distillation.....	.....	xxx	861	xxx	xxx	672	xxx
2861291	Hardwood distillation, nsk.....	.....	xxx	807	xxx	xxx	xxx	xxx
2861295	Natural tanning and dyeing materials.....	.....	xxx	8,048	xxx	xxx	12,075	xxx
2861271	Natural dyeing materials, natural dyestuffs extracts (including logwood, etc.) (solid basis).....	1,000 pounds.....	(NA)	1,252	(NA)	(NA)	2,577	(NA)
2861281	Natural tanning materials.....	.....	xxx	6,796	xxx	xxx	9,498	xxx
2861285	Natural tanning materials, nsk.....	.....	(NA)	5,679	xxx	xxx	xxx	xxx
2861280	Chromic tanning materials (basis 100% Cr <sub>2</sub> O <sub>3</sub> ).....	1,000 pounds.....	(NA)	601	xxx	xxx	xxx	xxx
2861291	Tall oil.....	.....	xxx	516	xxx	xxx	xxx	xxx
2861291	Crude.....	.....	xxx	28,757	xxx	xxx	xxx	xxx
2861298	Refined (containing less than 90% free fatty acids, excluding rosin acids).....	1,000 pounds.....	753,654	14,986	xxx	xxx	xxx	xxx
2861295	Rosin and rosin acid products.....	.....	xxx	96,468	xxx	xxx	xxx	xxx
2871---	Fertilizers, total.....	.....	xxx	7,505	xxx	xxx	xxx	xxx
28711--	Superphosphate and other phosphatic fertilizers.....	.....	xxx	853,501	xxx	xxx	853,196	xxx
2871115	Superphosphate:	.....	xxx	153,611	xxx	xxx	131,315	xxx
2871115	Normal and enriched (40% P <sub>2</sub> O <sub>5</sub> and less acidulated with H <sub>2</sub> SO <sub>4</sub> ) (basis 100% P <sub>2</sub> O <sub>5</sub> ).....	.....	681,361	63,376	91,669,665	98,59,161	979,140	xxx
2871141	Concentrated (acidulated with H <sub>2</sub> PO <sub>4</sub> alone) (basis 100% P <sub>2</sub> O <sub>5</sub> ).....	1,265,258	802,561	80,654	10,590,205	473,192	48,898	xxx
2871161	Phosphatic fertilizer materials, nec (including wet-base goods, ammonium phosphate potash mixtures, nitrophosphates, calcium metaphosphates, sodium phosphates, etc.) (basis 100% P <sub>2</sub> O <sub>5</sub> ).....	103,529	xxx	xxx	xxx	xxx	xxx	xxx
2871171	Superphosphates, defluorinated and phosphate rock defluorinated feed grade (100% P).....	xxx	xxx	9,581	xxx	xxx	3,277	xxx

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	1958					1954					
		Production for all purposes, including further manufacture (short tons)	Total shipments including inter-plant transfers		Nitrogen as N (short tons)	Phosphorus as P <sub>2</sub> O <sub>5</sub> (short tons)	Potassium as K <sub>2</sub> O (short tons)	Total shipments including inter-plant transfers		Nitrogen as N (short tons)	Phosphorus as P <sub>2</sub> O <sub>5</sub> (short tons)	Potassium as K <sub>2</sub> O (short tons)
			Quantity (short tons)	Value (\$1,000)				Quantity (short tons)	Value (\$1,000)			
2871--- 2872--- 28712-- 28722--	Fertilizers--Continued Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin..... Mixed fertilizers made by plants which do not manufacture any ingredients..... Complete mixtures (grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> , and K <sub>2</sub> O): Shipped in dry form <sup>11</sup> ..... Shipped in liquid form <sup>11</sup> ..... Incomplete mixtures: Grades guaranteeing N and P <sub>2</sub> O <sub>5</sub> only (including ammoniated superphosphates): Shipped in dry form <sup>11</sup> ..... Shipped in liquid form <sup>11</sup> ..... Grades guaranteeing P <sub>2</sub> O <sub>5</sub> and K <sub>2</sub> O only <sup>11</sup> ..... Grades guaranteeing N and K <sub>2</sub> O only (excluding ammonium phosphate)..... Grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> , or K <sub>2</sub> O only <sup>11</sup> ..... Fertilizer materials of organic origin: Processed tankage..... <sup>12</sup> Activated sewage sludge..... Other natural fertilizer materials <sup>13</sup> ..... Mixed fertilizers, complete and incomplete, and fertilizer materials of organic origin, nsk..... Fertilizers, nsk.....	xxx xxx										

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments, for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including interplant transfers		Total production (quantity)	Total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2873--- 2879--- 28730--	Agricultural pesticides--Continued Agricultural chemicals, nec--Continued Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals--Continued							
2873031	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use--Continued							
	Benzene hexachloride and/or lindane preparations without DDT (excluding fly sprays).....	1,000 pounds.	(NA)	(NA)	10,790	60,525	51,456	10,482
2873033	DDT - containing preparations (excluding aerosols and fly sprays):							
2873035	Preparations containing DDT as the active ingredient.....	...do.....	207,775	210,406	27,986	186,792	178,702	28,143
2873039	Preparations of DDT and other toxicants.....	...do.....	123,559	121,972	13,457	159,388	149,517	15,099
2873041	Chlorinated hydrocarbon pesticidal preparations other than those containing benzene hexachloride or DDT (excluding fly sprays and aerosols).....	...do.....	(NA)	(NA)	72,204	122,502	120,301	31,309
2873043	Organic phosphates containing pesticidal preparations (excluding fly sprays and aerosols).....	...do.....	92,184	95,157	27,048	45,665	44,751	11,881
	Rotenone, pyrethrum, or nicotine sulfate bearing insecticides (excluding fly sprays).....	...do.....	xxx	xxx	1,766	xxx	xxx	3,223
2873051	Petroleum oil sprays (excluding fly sprays and aerosols):							
2873053	Oil sprays and emulsions without other toxicants.....	1,000 gallons	11,506	12,301	3,860	14,598	14,661	4,386
2873061	Oil sprays containing other toxicants.....	...do.....	7,992	7,856	8,499	3,955	4,180	6,578
2873071	Other insecticidal preparations for agricultural use.....	1,000 pounds.	(NA)	(NA)	15,994	xxx	xxx	18,802
2873075	Botanical and other concentrates including nicotine sulfate, rotenone, pyrethrum, etc.).....	...do.....	(NA)	(NA)	8,361	xxx	xxx	15,217
2873077	Seed treatment compounds (insecticides, fungicides, and inoculants).....	...do.....	(NA)	(NA)	6,043	49,643	45,567	(15)
2873081	Other fungicidal preparations for agricultural use.....	...do.....	67,468	67,930	28,802	(15)	(15)	(15)
	Soil fumigants.....	...do.....	1,898	1,772	3,884	xxx	xxx	2,050
2873091	Weed killers (herbicidal preparations):							
2873092	Arsenical preparations.....	...do.....	46,462	46,681	2,045	xxx	xxx	4,559
2873093	Sodium chlorate preparations.....	...do.....	93,313	91,524	1,699	74,254	74,599	16,408
2873094	2, 4-D (2, 4-dichlorophenoxyacetic acid) and derivatives.....	...do.....	(NA)	(NA)	19,198	52,825	48,092	4,359
2873096	2, 4, 5-trichlorophenoxyacetic acid and derivatives.....	...do.....	(NA)	(NA)	7,852	7,992	8,648	7,859
	Other weed killers (hydrocarbon weed killers, etc.) including defoliants, dessicants, etc.....	...do.....	(NA)	(NA)	21,921	xxx	xxx	14,283
2873000	Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals, nsk.....	...do.....	xxx	xxx	37,871	xxx	xxx	2,581
2873011	Agricultural chemicals, nec.....	...do.....	xxx	xxx	4,124	xxx	xxx	2,204
2873031	Disinfectants, principally for agricultural uses.....	1,000 gallons	(NA)	(NA)	2,588	1,684	1,648	292
2873031	Animal dips.....	...do.....	(NA)	(NA)	903	270	xxx	xxx
2873051	Soil conditioners (preparations).....	1,000 pounds.	(NA)	(NA)	633	xxx	xxx	xxx

NA Not available.

<sup>1</sup>Excludes data for sulfate wood turpentine, production of which according to the U. S. Department of Agriculture, amounted to 15,400,500 gallons for calendar year 1958 and 10,226,500 gallons for calendar year 1954, on a refined basis. <sup>2</sup>Excludes pine reported as such. <sup>3</sup>Includes a small amount of kiln and pit charcoal. <sup>4</sup>Excludes tall oil and products. <sup>5</sup>This figure for 1954 was described as "Other products of gum distillation (rosin oil, pinene, etc.)." <sup>6</sup>Includes glacial acetic acid. In addition, sales of synthetic methanol totaled 850,169 thousand pounds, valued at \$7,959 thousand, data for which are compiled by the U. S. Tariff Commission. Data for synthetic methanol included in total for product code 2818211. <sup>7</sup>In addition, sales of synthetic methanol totaled 850,169 thousand pounds, valued at \$7,959 thousand, data for which are compiled by the U. S. Tariff Commission. Data for synthetic methanol included in total for product code 2818211. <sup>8</sup>Data for refined tall oil fatty acids containing 90 percent or more free fatty acids, excluding rosin acids, are reported in Industry 2804, Fatty Acids. <sup>9</sup>The 1958 data for wet-base goods, included with code 2871161, "Other phosphoric fertilizer materials, nec" and for 1954 data for wet-base goods included with code 2871115, "Normal and enriched superphosphate." <sup>10</sup>Production data includes 12,190 short tons of 100% P<sub>2</sub>O<sub>5</sub> for 1958 and 51,800 short tons for 1954, reported by Tennessee Valley Authority. <sup>11</sup>Codes 2871213-17-23-27-51 and 71 include and code 2871161 excludes information for ammonium phosphates and other chemically processed phosphoric fertilizer materials (except superphosphates) which were processed and shipped with-out mixing with other fertilizer materials. Quantity information on production, shipments, consumption, and stocks of these chemically processed phosphoric fertilizers is shown in the Census publication "Current Industrial Reports" (formerly Facts for Industry) Series M28D, Superphosphate and Other Phosphoric Fertilizers. <sup>12</sup>Excludes information from municipalities. <sup>13</sup>Excludes "Short forms" which data for garbage tankage and bone meal, products primarily to Industry 2886, Grease and Tallow. <sup>14</sup>This figure is largely accounted for by small establishments reporting on "Short forms" which do not require the reporting of detailed information by mixtures. <sup>15</sup>Not separately classified in 1954; included in "Fumigants (household, industrial, and soil)," valued at \$1,769 thousand.



Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments		Product class, region, and State	Value of shipments
<u>Softwood distillation products (28611):</u>		<u>Superphosphate (28711):</u>			<u>Mixed fertilizers, complete and incomplete (28712):</u>	1958 <sup>1</sup>
United States, total:		United States, total:			United States, total:	724,302
1958.....	76,036	1958.....	153,611		New England.....	15,486
1957.....	77,626	1957.....	148,422		Maine.....	5,606
1956.....	78,533	1956.....	141,672		Massachusetts.....	7,567
1955.....	71,961	1955.....	137,772		Middle Atlantic.....	50,354
1954.....	61,775	1954.....	131,315		New York.....	18,795
1947.....	60,833	1953.....	118,060		New Jersey.....	16,671
	1958 <sup>1</sup>	1952.....	110,647		Pennsylvania.....	14,888
South Atlantic.....	41,541	1951.....	109,446		East North Central.....	207,548
East South Central.....	22,409	1950.....	104,068	1958 <sup>1</sup> 1954	Ohio.....	71,769
West South Central.....	11,141	1947.....	85,506		Indiana.....	44,990
Louisiana.....	10,132	New England.....	2,147	1,502	Illinois.....	55,833
	Value of shipments	Middle Atlantic.....	4,695	5,195	Michigan.....	18,908
Other gum and wood chemicals (28612):	1958 <sup>1</sup>	East North Central.....	11,037	14,877	Wisconsin.....	16,048
United States, total.....	71,493	Ohio.....	3,169	3,235	West North Central.....	67,289
New England.....	1,767	Indiana.....	2,417	3,520	Minnesota.....	19,650
Middle Atlantic.....	4,699	Illinois.....	3,977	4,857	Iowa.....	20,161
Pennsylvania.....	2,406	West North Central.....	4,717	3,631	Missouri.....	19,451
East North Central.....	10,974	South Atlantic.....	103,747	76,538	Kansas.....	3,547
South Atlantic.....	35,383	Maryland.....	11,641	15,066	South Atlantic.....	219,018
Virginia.....	2,799	Virginia.....	4,213	3,617	Delaware.....	3,208
North Carolina.....	1,934	North Carolina.....	3,187	4,108	Maryland.....	30,280
Georgia.....	18,599	South Carolina.....	2,872	4,625	Virginia.....	39,752
Florida.....	7,947	Georgia.....	5,217	5,901	North Carolina.....	36,488
East South Central.....	10,471	Florida.....	76,617	43,221	South Carolina.....	15,199
Alabama.....	6,284	East South Central.....	10,204	11,607	Georgia.....	38,680
West South Central.....	7,007	Kentucky.....	1,223	(2)	Florida.....	55,187
Louisiana.....	2,967	Tennessee.....	5,224	5,134	East South Central.....	63,172
		Alabama.....	2,424	3,129	Kentucky.....	12,226
		Mississippi.....	1,333	2,656	Tennessee.....	22,755
		West South Central.....	3,100	8,764	Alabama.....	19,902
		Texas.....	1,886	4,878	Mississippi.....	8,289
		West.....	13,964	9,201	West South Central.....	65,204
					Arkansas.....	7,543
					Louisiana.....	8,356
					Oklahoma.....	3,878
					Texas.....	45,427
					Mountain.....	5,245
					Arizona.....	2,829
					Pacific.....	30,986
					Washington.....	2,566
					Oregon.....	1,024
					California.....	27,396

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes, shipments of over \$1 million were reported for the States listed, but the exact figures are withheld to avoid disclosure of individual company figures: 28611, Georgia, Florida, Alabama, and Mississippi; 28612, Massachusetts, New York, Michigan, Maryland, South Carolina, Tennessee, and Arkansas; 28711, Maine, New Jersey, Pennsylvania, Wisconsin, Iowa, Missouri, Montana, Idaho, Colorado, and California; 28712, Rhode Island, South Dakota, and Nebraska.

<sup>2</sup>Shipments of less than \$1 million reported.

## MANUFACTURES-INDUSTRY STATISTICS

Table 6C.--Production and Shipments of Complete and Incomplete Mixed Fertilizers,  
by All Manufacturing Establishments, by Division and State: 1958

Division and State	Shipments including interplant transfers		Total production (tons)	Plant food content of production (tons)		
	Quantity (tons)	Value (\$1,000)		Nitrogen (100% N)	Phosphorus (100% P <sub>2</sub> O <sub>5</sub> )	Potassium (100% K <sub>2</sub> O)
COMPLETE MIXTURES: GRADES GUARANTEEING N, P <sub>2</sub> O <sub>5</sub> , AND K <sub>2</sub> O (Product codes 2871213, 2872213, 2871217, and 2872217)						
United States, total.....	12,427,240	590,348	12,449,003	786,929	1,453,612	1,373,897
New England.....	260,155	13,716	267,154	22,297	31,098	31,776
Massachusetts.....	134,170	6,761	138,256	11,091	15,125	14,801
Middle Atlantic.....	957,864	45,128	982,299	61,209	106,090	93,716
New York.....	344,272	17,708	343,514	23,003	39,307	33,847
New Jersey.....	325,089	14,614	330,561	20,205	35,183	30,167
Pennsylvania.....	288,503	12,806	308,224	18,001	31,600	29,702
East North Central.....	3,192,950	183,510	3,119,830	210,479	435,288	434,866
Ohio.....	1,158,968	65,866	1,121,294	71,395	148,028	143,095
Indiana.....	686,542	40,241	671,559	41,512	101,253	100,352
Illinois.....	834,773	48,250	817,882	67,393	113,029	113,546
Michigan.....	307,979	17,530	297,670	18,469	39,715	41,836
Wisconsin.....	204,688	11,623	211,425	11,710	33,263	36,037
West North Central.....	775,561	47,726	778,903	59,326	123,414	105,726
Minnesota.....	238,472	15,291	239,679	14,769	39,474	36,280
Iowa.....	253,761	15,858	252,505	17,273	44,649	37,321
Missouri.....	229,905	13,462	235,174	22,894	31,911	26,895
Kansas.....	34,562	1,860	34,598	3,020	4,083	3,072
South Atlantic.....	4,734,628	189,083	4,765,561	244,965	460,801	473,752
Maryland.....	631,208	27,452	641,863	32,987	66,755	62,864
Virginia.....	772,828	31,494	798,145	44,280	91,737	92,176
North Carolina.....	867,621	33,636	872,788	35,480	75,546	78,199
South Carolina.....	369,381	12,857	366,476	15,507	37,502	36,428
Georgia.....	982,012	33,372	978,895	42,301	104,061	106,296
Florida.....	1,054,197	47,550	1,050,448	70,795	78,754	91,338
East South Central.....	1,376,983	54,051	1,407,764	71,762	147,080	138,718
Kentucky.....	224,331	10,058	222,686	11,444	24,105	26,342
Tennessee.....	506,043	21,412	514,950	27,395	58,111	57,328
Alabama.....	454,457	13,540	458,343	19,217	43,290	36,958
Mississippi.....	192,132	7,041	211,785	13,706	21,574	18,090
West South Central.....	829,644	39,531	830,089	56,593	114,019	72,701
Arkansas.....	95,824	4,889	107,579	7,519	12,487	10,495
Louisiana.....	182,756	8,074	174,409	11,037	20,475	14,599
Oklahoma.....	47,509	1,961	45,641	2,798	6,513	2,923
Texas.....	503,555	24,607	502,460	35,239	74,544	44,684
Mountain.....	49,701	2,750	49,720	5,533	7,668	2,111
Pacific.....	249,754	14,853	247,683	24,765	28,154	20,531
Washington.....	21,034	1,507	20,894	1,429	2,511	2,000
Oregon.....	11,007	938	11,023	955	1,933	1,358
California.....	217,713	12,408	215,766	22,401	23,710	17,173
Shipments including interplant transfers			Total production (tons)	Plant food content of production (tons)		
Quantity (tons)	Value (\$1,000)	Nitrogen (100% N)		Phosphorus (100% P <sub>2</sub> O <sub>5</sub> )		
INCOMPLETE MIXTURES: GRADES GUARANTEEING N AND P <sub>2</sub> O <sub>5</sub> ONLY (Product codes 2871223, 2872223, 2871227, and 2872227)						
United States, total.....	594,192	46,508	618,538	68,874		138,679
Northeast and North Central.....	191,660	14,547	195,979	24,169		54,973
Ohio.....	6,218	399	6,300	310		1,267
Indiana.....	20,531	1,471	20,611	1,461		6,295
Illinois.....	13,646	1,112	14,758	945		3,355
Michigan.....	391	30	414	41		143
Minnesota.....	13,094	1,109	14,542	2,561		4,915
Iowa.....	20,433	1,432	21,786	2,354		5,759
Nebraska.....	17,501	1,329	19,097	2,465		4,534
Kansas.....	16,772	1,267	13,343	2,117		3,224
South.....	251,555	21,802	261,409	31,716		68,071
North Carolina.....	1,171	53	1,723	147		300
Georgia.....	1,677	52	1,882	93		319
Kentucky.....	316	16	408	26		89
West.....	150,977	10,159	161,150	12,989		15,635
California.....	132,672	8,647	140,377	10,645		11,115



Table 6C--Production and Shipments of Complete and Incomplete Mixed Fertilizers,  
by All Manufacturing Establishments, by Division and State: 1958 --Continued

Division and State	Shipments including interplant transfers		Total production (tons)	Plant food content of production (tons)	
	Quantity (tons)	Value (\$1,000)		Phosphorus (100% P <sub>2</sub> O <sub>5</sub> )	Potassium (100% K <sub>2</sub> O)
INCOMPLETE MIXTURES: GRADES GUARANTEEING P <sub>2</sub> O <sub>5</sub> AND K <sub>2</sub> O ONLY (Product codes 2871231 and 2872231)					
United States, total.....	56,284	31,056	660,895	109,757	134,382
New England.....	20,875	1,060	20,914	3,786	5,106
Massachusetts.....	12,329	618	12,508	2,194	3,270
Middle Atlantic.....	51,500	2,768	55,501	10,495	11,792
New York.....	16,342	914	17,690	3,413	3,540
New Jersey.....	13,139	688	14,391	2,499	2,896
Pennsylvania.....	22,019	1,166	23,420	4,583	5,356
East North Central.....	187,751	9,928	185,141	33,935	44,284
Ohio.....	39,060	2,119	39,530	8,002	8,148
Indiana.....	44,033	2,421	45,000	8,322	10,068
Illinois.....	48,372	2,596	45,332	8,434	10,952
Michigan.....	9,542	543	10,649	2,210	2,503
Wisconsin.....	46,744	2,249	44,630	6,967	12,613
West North Central.....	65,140	3,992	65,358	11,716	12,051
Minnesota.....	36,873	2,422	37,690	6,038	6,597
Iowa.....	22,257	1,261	21,467	4,400	4,192
Missouri.....	5,441	275	5,641	1,135	1,134
South Atlantic.....	190,572	7,761	194,860	27,864	37,052
Delaware.....	4,464	238	5,158	956	1,274
Maryland.....	41,873	1,909	43,655	7,951	8,447
Virginia.....	57,800	2,330	60,241	8,579	11,999
North Carolina.....	18,604	695	18,281	2,131	3,244
Georgia.....	21,891	715	21,742	2,621	3,349
Florida.....	36,894	1,592	36,896	4,452	7,412
East South Central.....	114,477	4,232	114,154	17,212	19,360
Kentucky.....	10,276	556	10,607	2,037	2,321
Tennessee.....	19,625	980	19,868	3,619	4,283
Alabama.....	77,527	2,412	76,591	10,572	10,975
Mississippi.....	7,049	284	7,088	984	1,781
West South Central.....	24,509	1,203	23,445	4,519	4,508
Arkansas.....	18,231	956	16,736	3,306	3,576
Louisiana.....	3,649	151	3,819	722	676
West.....	1,460	112	1,522	230	229
California.....	586	54	647	56	51

Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials	Basis	Unit of measure	1958		1954	
				Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
	INDUSTRY 2871—FERTILIZERS AND INDUSTRY 2872— FERTILIZERS, MIXING ONLY						
	Materials, containers, and supplies, total.....			xxx	<sup>1</sup> 606,413	xxx	<sup>2</sup> 599,992
	Nitrogen bearing materials:						
	Chemical nitrogenous:						
281931	Ammonia, synthetic, anhydrous.....	100% NH <sub>3</sub> .....	Short tons..	254,963	21,712	208,735	19,439
281941	Ammoniating or nitrogen solutions including urea ammoniating solution.....	100% N.....	...do.....	417,103	55,755	327,533	48,298
281935	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub> ...	...do.....	130,990	9,195	90,380	6,998
287111	Ammonium nitrate and limestone mixtures (calnitro, ANL, etc.).....	100% NH <sub>4</sub> NO <sub>3</sub> ...	...do.....	31,207	1,821	50,617	2,737
281975	Calcium cyanamide.....	100% CaCN <sub>2</sub> ...	...do.....	5,196	344	11,787	764
281943	Nitrate of soda.....	100% NaNO <sub>3</sub> ...	...do.....	69,269	3,400	107,229	5,596
281945	Sulfate of ammonia.....	100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	...do.....	607,296	24,017	952,154	47,072
280043	Urea and calurea.....	100% N.....	...do.....	23,015	3,469	18,701	2,489
	Other chemical nitrogenous materials:						
280011	Containing nitrogen and phosphorus.....		...do.....	110,320	5,484	51,364	1,637
280021	Containing nitrogen and potassium (including potassium nitrate).....		...do.....	16,299	613	8,702	546
280031	Containing nitrogen only.....	100% N.....	...do.....	8,057	1,759	(NA)	1,886
	Organic ammoniates:						
288111	Cottonseed meal.....		...do.....	20,281	1,184	29,757	2,024
201021	Tankage.....		...do.....	128,469	5,273	108,100	5,418
280049	Other organic ammoniates including tobacco stems.....		...do.....	156,273	3,566	167,685	3,449
	Phosphatic materials:						
	Superphosphate, used in mixed goods:						
287131	Concentrated (40% P <sub>2</sub> O <sub>5</sub> and over).....	100% P <sub>2</sub> O <sub>5</sub> .....	...do.....	<sup>3</sup> 385,852	50,551	<sup>4</sup> 321,024	42,069
287126	Enriched (over 22% and under 40% P <sub>2</sub> O <sub>5</sub> ).....	...do.....	...do.....	<sup>5</sup> 30,199	3,496	<sup>6</sup> 11,347	1,374
287121	Normal (22% P <sub>2</sub> O <sub>5</sub> and less).....	...do.....	...do.....	<sup>r</sup> 5478,325	47,038	<sup>7</sup> 527,414	52,731
287141	Wet base goods.....	...do.....	...do.....	<sup>8</sup> 5,212	578	<sup>7</sup> 5,387	604
280041	Other phosphatic materials.....	...do.....	...do.....	<sup>8</sup> 8,962	1,077	57,984	2,175
	Potassic materials:						
	Muriate of potash:						
147411	60-62% K <sub>2</sub> O.....		...do.....	2,337,410	85,011	2,120,642	77,826
147421	50% K <sub>2</sub> O.....		...do.....	5,907	218	104,515	3,736
147441	Sulfate of potash.....	48% K <sub>2</sub> O.....	...do.....	167,528	7,946	147,252	6,999
147451	Sulfate of potash-magnesia.....		...do.....	93,867	2,902	94,556	2,975
147461	Other potash bearing materials, excluding potassium nitrate.....		...do.....	7,903	310	11,066	418
	Filler and inert conditioning agents:						
	Inert fillers.....		...do.....	639,723	2,811	1,352,006	3,933
144151	Secondary plant food (limestone, magnesium oxide, copper compounds, etc.) except sulfur.....		...do.....	632,390	5,453	1,018,729	5,800
149811	Soil conditioners (peat, nut hulls, and citrus meals).....		...do.....	48,513	540	117,208	1,336
	Sulfuric acid:						
281111	New sulfuric acid used in the manufacture of superphosphate.....	100% H <sub>2</sub> SO <sub>4</sub> .....	...do.....	<sup>9</sup> 1,096,186	18,362	<sup>9</sup> 1,520,860	26,116
281135	Spent sulfuric acid used in the manufacture of superphosphate.....	100% H <sub>2</sub> SO <sub>4</sub> .....	...do.....	386,282	5,742	420,436	7,080
147511	Phosphate rock.....		Long tons..	6,652,966	69,932	5,838,391	69,770
281991	Phosphoric acid.....	100% P <sub>2</sub> O <sub>5</sub> ...	Short tons..	<sup>10</sup> 72,117	11,418	<sup>10</sup> 18,593	3,557
147991	Pyrites.....		Long tons..	...	...	1,400	} 30,844
147711	Sulfur, crude.....		...do.....	1,176,482	33,385	980,340	
	Containers:						
260091	Paper and paperboard.....		.....	xxx	2,970	xxx	( <sup>11</sup> )
239323	Textile.....		.....	xxx	29,190	xxx	( <sup>11</sup> )
970099	All other materials and components, parts, containers, and supplies consumed.....		.....	xxx	58,733	xxx	} 112,296
973000	Materials, containers and supplies, nsk <sup>12</sup> .....		.....	xxx	31,158	xxx	

See footnotes at end of table.



Table 7.—Materials Consumed, by Kind: 1958 and 1954—Continued

Code	Description of materials	Unit of measure	1958	
			Quantity	Delivered cost (\$1,000)
	INDUSTRY 2873—AGRICULTURAL PESTICIDES AND INDUSTRY 2879—AGRICULTURAL CHEMICALS, NEC			
	Materials, containers, and supplies, total.....	.....	xxx	192,423
147711	Sulfur, crude.....	Long tons.....	96,279	3,060
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	xxx	151,758
973000	Materials, containers, supplies, nsk <sup>12</sup> .....	.....	xxx	37,605

NA Not available. <sup>r</sup>Revised.<sup>1</sup>Includes \$343,962 thousands for establishments classified in Industry 2871 and \$262,451 thousands for establishments classified in Industry 2872.<sup>2</sup>Includes \$353,851 thousands for establishments classified in Industry 2871 and \$246,141 thousands for establishments classified in Industry 2872.<sup>3</sup>In addition, 31,089 tons (100% P<sub>2</sub>O<sub>5</sub>) of concentrated were consumed by establishments producing superphosphate.<sup>4</sup>In addition, 27,620 tons (100% P<sub>2</sub>O<sub>5</sub>) were consumed by establishments producing superphosphate.<sup>5</sup>In addition, 612,344 tons of normal and enriched were consumed by establishments producing superphosphate.<sup>6</sup>In addition, 27,538 tons (100% P<sub>2</sub>O<sub>5</sub>) were consumed by establishments producing superphosphate.<sup>7</sup>In addition, 760,044 tons (100% P<sub>2</sub>O<sub>5</sub>) of normal (including a small quantity of wet-base goods) were consumed by establishments producing superphosphate.<sup>8</sup>In addition, 5,720 tons (100% P<sub>2</sub>O<sub>5</sub>) of other phosphatic fertilizers (including wet-base goods) were consumed by establishments producing superphosphate.<sup>9</sup>In addition, 3,357,959 tons (100% H<sub>2</sub>SO<sub>4</sub>) in 1958 and 2,804,928 tons (100% H<sub>2</sub>SO<sub>4</sub>) in 1954 were consumed by establishments with acid producing facilities classified in the fertilizer industries.<sup>10</sup>In addition, 834,007 tons (100% P<sub>2</sub>O<sub>5</sub>) in 1958 and 478,635 tons in 1954 were consumed by plants with acid producing facilities classified in the fertilizer industries.<sup>11</sup>Not collected separately in 1954. Included in code 970099, "All other materials and components, parts, containers, and supplies consumed."<sup>12</sup>Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

Table 7A.—Selected Materials Consumed by Industries 2871, Fertilizers, and 2872, Fertilizers, Mixing Only, by Regions and States: 1958

Region, divisions, and State	Quantity (Short tons)	De-livered cost (\$1,000)	Region, divisions, and State	Quantity (Short tons)	De-livered cost (\$1,000)	Region, divisions, and State	Quantity (Short tons)	De-livered cost (\$1,000)
Nitrogen bearing materials: Ammonia, synthetic, anhydrous (281931) (100% NH <sub>3</sub> )			Nitrogen bearing materials—Continued Ammonium nitrate (281935)—Continued			Nitrogen bearing materials—Continued Sulfate of ammonia (281945) (100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> )—Con.		
Northeast.....	6,793	620	Middle Atlantic.....	4,199	315	West North Central....	46,251	2,045
North Central.....	105,483	9,692	New York.....	1,670	119	Minnesota.....	5,052	231
East North Central....	75,284	6,939	New Jersey.....	2,351	183	Iowa.....	10,622	449
Ohio.....	18,608	1,788	Pennsylvania.....	178	13	Missouri.....	21,968	949
Indiana.....	15,343	1,486	North Central.....	17,950	1,283	Kansas.....	3,360	211
Illinois.....	28,117	2,448	East North Central....	10,008	740	South.....	277,095	11,117
Michigan.....	9,584	869	Indiana.....	2,865	209	South Atlantic.....	186,431	7,389
Wisconsin.....	3,632	348	Illinois.....	3,338	236	Maryland.....	31,112	1,346
West North Central....	30,199	2,753	West North Central....	7,942	543	Virginia.....	36,949	1,320
Minnesota.....	4,970	455	Minnesota.....	4,387	299	North Carolina.....	31,162	1,253
Iowa.....	7,709	841	Iowa.....	2,116	146	South Carolina.....	8,414	344
South.....	108,856	8,434	South.....	96,533	6,669	Georgia.....	24,318	997
South Atlantic.....	31,070	2,790	South Atlantic.....	79,842	5,499	Florida.....	51,794	2,037
Maryland.....	5,741	543	Maryland.....	1,339	100	East South Central....	52,144	2,221
Virginia.....	4,756	428	North Carolina.....	4,910	365	Kentucky.....	17,791	650
North Carolina.....	3,453	327	South Carolina.....	4,624	338	Tennessee.....	13,748	550
Georgia.....	8,488	742	Georgia.....	10,374	772	Alabama.....	14,332	762
Florida.....	6,929	592	Florida.....	44,844	3,166	Mississippi.....	6,273	259
East South Central....	7,798	680	East South Central....	11,446	802	West South Central....	38,520	1,507
West South Central....	69,988	4,964	Kentucky.....	5,240	364	Louisiana.....	15,566	555
West.....	33,831	2,966	Tennessee.....	2,783	197	Texas.....	17,966	715
Ammoniating or nitrogen solutions (281941) (100% N).....	417,103	55,755	Alabama.....	2,833	200	West.....	25,450	1,240
Northeast.....	53,594	7,306	Mississippi.....	590	41	Mountain.....	4,676	238
New England.....	14,784	2,105	West South Central....	5,245	368	Pacific.....	20,774	1,002
Massachusetts.....	9,168	1,318	Texas.....	2,833	204	California.....	16,498	775
Middle Atlantic.....	38,810	5,201	West.....	10,232	765	Urea and calurea (280043) (100% N).....	23,015	3,469
New York.....	16,008	2,097	Washington.....	900	72	Northeast.....	1,372	199
New Jersey.....	11,765	1,624	California.....	7,385	572	New Jersey.....	545	110
Pennsylvania.....	11,037	1,480	Ammonium nitrate and limestone mixtures (287111) (100% NH <sub>4</sub> NO <sub>3</sub> ).....	31,207	1,821	Pennsylvania.....	242	27
North Central.....	142,407	18,820	North Carolina.....	1,991	106	North Central.....	11,549	2,124
East North Central....	98,279	12,975	South Carolina.....	2,142	114	East North Central....	10,728	2,040
Ohio.....	29,654	3,857	Georgia.....	2,903	136	West North Central....	821	84
Indiana.....	26,134	3,425	Florida.....	12,532	651	South.....	6,167	707
Illinois.....	27,920	3,759	Nitrate of soda (281943) (100% NaNO <sub>3</sub> ).....	69,269	3,400	Maryland.....	801	95
Michigan.....	8,011	1,045	South.....	66,973	3,286	Georgia.....	358	45
Wisconsin.....	6,560	889	South Atlantic.....	59,801	2,900	Florida.....	3,472	408
West North Central....	44,128	5,845	Virginia.....	3,339	155	West.....	3,927	439
Minnesota.....	11,969	1,674	North Carolina.....	3,684	185	Mountain.....	748	83
Iowa.....	9,983	1,338	South Carolina.....	3,984	215	Pacific.....	3,179	356
Missouri.....	15,657	1,958	Georgia.....	7,420	354	California.....	2,065	237
Kansas.....	3,231	458	Florida.....	40,593	1,945	Other chemical nitrogenous materials, containing nitrogen and phosphorus (280011).....	110,320	5,484
South.....	216,424	28,969	East South Central....	4,485	249	Northeast.....	2,448	209
South Atlantic.....	136,274	18,369	Alabama.....	1,805	100	New York.....	2,066	161
Maryland.....	21,341	2,996	West South Central....	2,687	137	North Central.....	21,581	1,326
Virginia.....	26,649	3,389	Louisiana.....	1,878	97	East North Central....	11,450	591
North Carolina.....	23,348	3,151	Sulfate of ammonia (281945) (100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> ).....	607,296	24,017	Ohio.....	7,710	383
South Carolina.....	10,225	1,378	Northeast.....	85,824	3,112	Indiana.....	1,096	38
Georgia.....	27,401	3,690	New England.....	17,521	662	Illinois.....	787	31
Florida.....	24,617	3,396	Maine.....	8,097	323	West North Central....	10,131	735
East South Central....	55,039	7,489	Middle Atlantic.....	68,303	2,450	South.....	33,186	1,408
Kentucky.....	8,553	1,170	New York.....	27,597	1,029	South Atlantic.....	21,362	852
Tennessee.....	23,869	3,267	New Jersey.....	21,357	750	Virginia.....	3,467	264
Alabama.....	15,627	2,064	Pennsylvania.....	19,349	671	Georgia.....	4,015	140
Mississippi.....	6,990	988	North Central.....	218,927	8,548	Florida.....	6,911	220
West South Central....	25,111	3,111	East North Central....	172,676	6,503	East South Central....	1,538	137
Arkansas.....	6,526	785	Ohio.....	62,999	2,399	West South Central....	10,286	419
Texas.....	11,300	1,324	Indiana.....	27,328	1,153	West.....	53,105	2,541
West.....	4,678	660	Illinois.....	60,473	2,161	Washington.....	2,028	136
Ammonium nitrate (281935) (100% NH <sub>4</sub> NO <sub>3</sub> ).....	130,990	9,195	Michigan.....	16,928	595	California.....	43,655	1,788
Northeast.....	6,275	478	Wisconsin.....	4,948	195			
New England.....	2,076	163						

See footnotes at end of table.



Table 7A.—Selected Materials Consumed by Industries 2871, Fertilizers, and 2872, Fertilizers, Mixing Only, by Regions and States: 1958—Continued

Region, divisions, and State		Quantity (short tons)	Delivered cost (\$1,000)	Region, divisions, and State	Total consump- tion	Consumption of materials received from other establishments		Quantity made and consumed in plant
					Quantity (short tons)	Quantity (short tons)	Delivered cost (\$1,000)	(short tons)
Nitrogen bearing materials—Continued								
Cottonseed meal (288111).....		20,281	1,184	Phosphatic materials—Con. Superphosphate used, etc.—Con. Normal and enriched, etc.—Con.				
South.....		17,726	1,019	South.....	674,155	306,799	28,567	367,356
South Atlantic.....		17,610	1,012	South Atlantic.....	465,227	241,630	21,667	223,597
Virginia.....		3,116	176	Maryland.....	70,852	(D)	(D)	(D)
North Carolina.....		8,878	530	Virginia.....	95,082	45,116	4,039	49,966
South Carolina.....		836	50	North Carolina.....	73,657	40,130	3,732	33,526
Georgia.....		1,983	111	South Carolina.....	43,054	(D)	(D)	(D)
Florida.....		2,797	145	Georgia.....	106,011	38,169	3,317	67,842
Pacific.....		526	29	Florida.....	71,114	45,122	3,854	25,992
Tankage (201021).....		128,469	5,273	East South Central....	154,741	52,895	5,242	101,846
Northeast.....		12,332	516	Kentucky.....	22,892	17,255	1,817	5,637
New England.....		4,001	165	Tennessee.....	58,918	(D)	(D)	(D)
Massachusetts.....		2,544	106	Alabama.....	59,097	25,194	2,317	33,903
Middle Atlantic.....		8,331	351	Mississippi.....	13,834	(D)	(D)	(D)
New York.....		1,845	66	West South Central....	54,187	12,274	1,658	41,913
New Jersey.....		2,197	108	Arkansas.....	7,641	(D)	(D)	(D)
Pennsylvania.....		4,289	177	Louisiana.....	14,878	(D)	(D)	(D)
North Central.....		3,509	153	Oklahoma.....	4,686	(D)	(D)	(D)
Ohio.....		893	37	Texas.....	26,982	9,531	1,382	17,451
South.....		110,876	4,505	West.....	25,419	(D)	(D)	(D)
Maryland.....		2,185	71	California.....	10,965	(D)	(D)	(D)
Virginia.....		9,850	375	Concentrated (40% P <sub>2</sub> O <sub>5</sub> and over) (287131) (100% P <sub>2</sub> O <sub>5</sub> ).....	416,941	385,852	50,551	31,089
North Carolina.....		6,925	363	Northeast.....	27,399	(D)	(D)	(D)
South Carolina.....		883	44	New England.....	11,183	11,183	1,452	...
Florida.....		72,722	3,283	Massachusetts.....	5,277	5,277	664	...
Pacific.....		1,752	99	Middle Atlantic.....	16,216	(D)	(D)	(D)
Other organic ammoniates (280049).....		156,273	3,566	Pennsylvania.....	13,973	(D)	(D)	(D)
Middle Atlantic.....		21,522	434	North Central.....	300,266	(D)	(D)	(D)
North Central.....		61,418	1,148	East North Central....	200,399	195,806	25,948	4,593
Indiana.....		947	13	Ohio.....	55,902	(D)	(D)	(D)
South.....		64,348	1,766	Indiana.....	54,440	54,440	7,306	...
South Atlantic.....		63,387	1,752	Illinois.....	58,825	(D)	(D)	(D)
North Carolina.....		1,596	71	Michigan.....	12,883	(D)	(D)	(D)
Georgia.....		1,493	50	Wisconsin.....	18,349	18,349	2,509	...
Florida.....		23,496	995	West North Central....	99,867	(D)	(D)	(D)
West.....		8,985	218	Minnesota.....	40,359	40,359	5,508	...
				Iowa.....	31,007	31,007	4,153	...
Region, divisions, and State		Total consump- tion	Consumption of materials received from other establishments	Quantity made and consumed in plant				
		Quantity (short tons)	Quantity (short tons)	Delivered cost (\$1,000)				
				(short tons)				
Phosphatic materials:								
Superphosphate used in mixed goods:								
Normal (22% P <sub>2</sub> O <sub>5</sub> and less) and enriched (over 22% and under 40% P <sub>2</sub> O <sub>5</sub> ) (287121 and 287126) (100% P <sub>2</sub> O <sub>5</sub> ).....		*1,120,868	*508,524	50,534	612,344			
Northeast.....		116,100	(D)	(D)	(D)			
New England.....		21,952	(D)	(D)	(D)			
Maine.....		8,029	8,029	870	...			
Massachusetts.....		11,273	(D)	(D)	(D)			
Middle Atlantic.....		94,148	65,919	6,767	28,229			
New York.....		33,730	(D)	(D)	(D)			
New Jersey.....		32,069	15,263	1,523	16,806			
Pennsylvania.....		28,349	(D)	(D)	(D)			
North Central.....		305,194	103,049	11,656	202,145			
East North Central....		250,749	71,988	7,940	178,761			
Ohio.....		92,114	25,839	2,928	66,275			
Indiana.....		53,144	26,781	2,918	26,363			
Illinois.....		59,425	9,007	890	50,418			
Michigan.....		31,447	(D)	(D)	(D)			
Wisconsin.....		14,619	(D)	(D)	(D)			
West North Central....		54,445	31,061	3,716	23,384			
Minnesota.....		10,600	10,600	1,288	...			
Iowa.....		23,702	12,197	1,487	11,505			
Missouri.....		13,176	(D)	(D)	(D)			
Nebraska.....		(D)	1,324	144	(D)			
Kansas.....		3,562	(D)	(D)	(D)			
Phosphatic materials—Con. Superphosphate used, etc.—Con. Normal and enriched, etc.—Con.								
South.....		674,155	306,799	28,567	367,356			
South Atlantic.....		465,227	241,630	21,667	223,597			
Maryland.....		70,852	(D)	(D)	(D)			
Virginia.....		95,082	45,116	4,039	49,966			
North Carolina.....		73,657	40,130	3,732	33,526			
South Carolina.....		43,054	(D)	(D)	(D)			
Georgia.....		106,011	38,169	3,317	67,842			
Florida.....		71,114	45,122	3,854	25,992			
East South Central....		154,741	52,895	5,242	101,846			
Kentucky.....		22,892	17,255	1,817	5,637			
Tennessee.....		58,918	(D)	(D)	(D)			
Alabama.....		59,097	25,194	2,317	33,903			
Mississippi.....		13,834	(D)	(D)	(D)			
West South Central....		54,187	12,274	1,658	41,913			
Arkansas.....		7,641	(D)	(D)	(D)			
Louisiana.....		14,878	(D)	(D)	(D)			
Oklahoma.....		4,686	(D)	(D)	(D)			
Texas.....		26,982	9,531	1,382	17,451			
West.....		25,419	(D)	(D)	(D)			
California.....		10,965	(D)	(D)	(D)			
Concentrated (40% P <sub>2</sub> O <sub>5</sub> and over) (287131) (100% P <sub>2</sub> O <sub>5</sub> ).....		416,941	385,852	50,551	31,089			
Northeast.....		27,399	(D)	(D)	(D)			
New England.....		11,183	11,183	1,452	...			
Massachusetts.....		5,277	5,277	664	...			
Middle Atlantic.....		16,216	(D)	(D)	(D)			
Pennsylvania.....		13,973	(D)	(D)	(D)			
North Central.....		300,266	(D)	(D)	(D)			
East North Central....		200,399	195,806	25,948	4,593			
Ohio.....		55,902	(D)	(D)	(D)			
Indiana.....		54,440	54,440	7,306	...			
Illinois.....		58,825	(D)	(D)	(D)			
Michigan.....		12,883	(D)	(D)	(D)			
Wisconsin.....		18,349	18,349	2,509	...			
West North Central....		99,867	(D)	(D)	(D)			
Minnesota.....		40,359	40,359	5,508	...			
Iowa.....		31,007	31,007	4,153	...			
Missouri.....		18,583	(D)	(D)	(D)			
Nebraska.....		(D)	3,069	436	(D)			
Kansas.....		3,230	3,230	446	...			
South.....		83,492	(D)	(D)	(D)			
South Atlantic.....		40,790	(D)	(D)	(D)			
Maryland.....		11,348	11,348	1,441	...			
Virginia.....		6,218	6,218	791	...			
North Carolina.....		2,608	2,608	324	...			
South Carolina.....		1,491	1,491	159	...			
Georgia.....		1,501	1,501	178	...			
Florida.....		16,249	(D)	(D)	(D)			
East South Central....		12,472	(D)	(D)	(D)			
Kentucky.....		4,851	4,851	618	...			
Tennessee.....		5,099	(D)	(D)	(D)			
Alabama.....		1,026	1,026	115	...			
Mississippi.....		1,496	1,496	194	...			
West South Central....		30,230	(D)	(D)	(D)			
Louisiana.....		7,250	7,250	843	...			
Texas.....		14,421	(D)	(D)	(D)			
West.....		5,784	(D)	(D)	(D)			
Mountain.....		1,872	(D)	(D)	(D)			
Pacific.....		3,912	3,912	551	...			
California.....		2,466	2,466	329	...			
Wet base goods and other phosphatic materials (287141 and 280041) (100% P <sub>2</sub> O <sub>5</sub> ).....		19,894	14,174	2,233	5,720			
Northeast.....		599	599	46	...			
North central.....		3,793	3,793	468	...			
East North Central....		3,278	3,278	391	...			
Indiana.....		2,822	2,822	285	...			
West North Central....		515	515	77	...			
South.....		9,324	(D)	(D)	(D)			
West.....		6,178	(D)	(D)	(D)			

See footnotes at end of table.

Table 7A.—Selected Materials Consumed by Industries 2871, Fertilizers, and 2872, Fertilizers, Mixing Only, by Regions and States: 1958—Continued

Region, divisions, and State	Quantity (short tons)	De-livered cost (\$1,000)	Region, divisions, and State	Quantity (short tons)	De-livered cost (\$1,000)	Region, divisions, and State	Quantity (short tons)	De-livered cost (\$1,000)
Potassic materials—Con. Muriate of potash (147411) (60-62% K <sub>2</sub> O).....	2,337,410	85,011	Potassic materials—Con. Sulfate of potash (147441) (48% K <sub>2</sub> O)—Continued South—Continued			Filler and inert condition- ing agents—Continued Secondary plant food <sup>1</sup> (140011).....	632,390	5,453
Northeast.....	216,590	8,087	South Atlantic.....	87,697	4,009	Northeast.....	44,270	411
New England.....	49,452	1,839	Maryland.....	7,438	363	New England.....	7,929	101
Massachusetts.....	26,881	995	Virginia.....	22,368	1,001	Middle Atlantic.....	36,341	310
Middle Atlantic.....	167,138	6,248	North Carolina.....	27,735	1,271	North Central.....	86,238	976
New York.....	57,651	2,158	South Carolina.....	3,346	151	East North Central....	67,502	833
New Jersey.....	54,288	1,996	Georgia.....	8,806	408	West North Central....	18,736	143
Pennsylvania.....	55,199	2,094	Florida.....	18,004	815	South.....	494,697	3,954
North Central.....	969,378	34,995	East South Central....	38,045	1,909	South Atlantic.....	363,704	3,240
East North Central....	757,872	27,624	Kentucky.....	24,746	1,291	Maryland.....	35,685	194
Ohio.....	218,019	8,113	Tennessee.....	13,299	618	Virginia.....	72,823	495
Indiana.....	176,977	6,572	West South Central....	1,719	81	North Carolina.....	54,304	337
Illinois.....	211,722	7,437	West.....	7,872	379	South Carolina.....	16,843	114
Michigan.....	75,173	2,784	California.....	6,931	332	Georgia.....	30,051	140
Wisconsin.....	75,981	2,718	Sulfate of potash-magnesia (147451).....	93,867	2,902	Florida.....	149,781	1,937
West North Central....	211,506	7,371	Northeast.....	16,649	537	East South Central....	108,707	515
Minnesota.....	78,540	2,756	New England.....	7,376	243	Tennessee.....	35,766	147
Iowa.....	76,896	2,681	Middle Atlantic.....	9,273	294	Alabama.....	53,447	250
Missouri.....	46,399	1,597	New York.....	4,990	154	West South Central....	22,286	199
Kansas.....	5,719	194	New Jersey.....	2,574	87	Louisiana.....	18,119	169
South.....	1,125,083	40,997	Pennsylvania.....	1,709	53	West.....	7,185	112
South Atlantic.....	744,884	27,428	North Central.....	2,830	79	Phosphate rock (147511)...	6,652,966	69,932
Maryland.....	112,452	4,162	Maryland.....	1,484	42	Northeast.....	238,594	3,102
Virginia.....	156,116	5,580	Virginia.....	4,050	127	New England.....	36,069	491
North Carolina.....	109,181	4,058	North Carolina.....	6,581	205	Massachusetts.....	36,069	491
South Carolina.....	59,865	2,270	South Carolina.....	1,686	52	Middle Atlantic.....	202,525	2,611
Georgia.....	170,303	6,173	Georgia.....	3,187	109	New Jersey.....	124,152	1,376
Florida.....	124,853	4,736	Florida.....	47,010	1,458	North Central.....	1,012,940	16,925
East South Central....	240,681	8,857	Kentucky.....	2,670	79	East North Central....	781,439	12,991
Kentucky.....	33,488	1,259	Filler and inert condi- tioning agents: Inert fillers (144151)....	639,723	2,811	Ohio.....	282,033	4,596
Tennessee.....	90,593	3,344	Northeast.....	80,426	478	Indiana.....	131,303	2,244
Alabama.....	83,653	3,045	New England.....	2,908	36	Illinois.....	226,651	3,810
Mississippi.....	32,947	1,209	Middle Atlantic.....	77,518	442	Michigan.....	93,732	1,489
West South Central....	139,518	4,712	New Jersey.....	30,114	120	Wisconsin.....	47,720	852
Arkansas.....	20,801	693	North Central.....	79,357	487	West North Central....	231,501	3,934
Louisiana.....	27,596	966	East North Central....	71,651	435	Iowa.....	81,370	1,232
Oklahoma.....	4,505	162	Ohio.....	47,026	264	South.....	4,989,077	47,385
Texas.....	86,616	2,891	Indiana.....	11,031	124	South Atlantic.....	4,007,221	34,983
West.....	26,359	932	West North Central....	7,706	52	Maryland.....	360,371	4,317
Mountain.....	578	18	South.....	447,959	1,627	Virginia.....	284,335	3,760
Pacific.....	25,781	914	South Atlantic.....	377,175	1,341	North Carolina.....	187,757	2,566
California.....	19,335	680	Maryland.....	49,045	122	South Carolina.....	171,509	2,124
Sulfate of potash (147441) (48% K <sub>2</sub> O).....	167,528	7,946	Virginia.....	53,582	125	Georgia.....	363,429	4,299
Northeast.....	5,332	265	North Carolina.....	49,990	134	Florida.....	2,639,820	17,917
New England.....	2,188	109	Georgia.....	63,604	187	East South Central....	529,106	7,531
Massachusetts.....	1,211	59	Florida.....	136,458	692	Kentucky.....	38,420	554
Middle Atlantic.....	3,144	156	East South Central....	39,733	152	Tennessee.....	249,405	3,597
Pennsylvania.....	2,349	118	Kentucky.....	12,897	48	Alabama.....	140,985	1,904
North Central.....	26,863	1,303	Tennessee.....	14,007	72	Mississippi.....	100,296	1,476
East North Central....	24,239	1,176	West South Central....	31,051	134	West South Central....	452,750	4,871
Ohio.....	10,720	522	Arkansas.....	6,415	35	Arkansas.....	24,400	385
Indiana.....	10,842	525	Texas.....	14,536	63	Louisiana.....	46,695	596
Illinois.....	1,453	69	West.....	31,981	219	Oklahoma.....	11,876	218
West North Central....	2,624	127				Texas.....	369,779	3,672
South.....	127,461	5,999				West.....	412,355	2,520

See footnotes at end of table.



Table 7A.—Selected Materials Consumed by Industries 2871, Fertilizers, and 2872, Fertilizers, Mixing Only, by Regions and States: 1958—Continued

Regions, divisions, and States	Quantity (short tons)	Regions, divisions, and States	Quantity (short tons)
Sulfuric acid, new (281111) and spent acid (281135), used in the manufacture of superphosphate (100% H <sub>2</sub> SO <sub>4</sub> ).....	2,840,407	Sulfuric acid, new (281111) and spent acid (281135), used in the manufacture, etc.—Continued	
Northeast.....	172,663	East South Central.....	347,611
New England.....	32,732	Kentucky.....	22,930
Middle Atlantic.....	139,931	Tennessee.....	150,609
North Central.....	877,561	Alabama.....	93,485
East North Central.....	624,703	Mississippi.....	80,587
Ohio.....	226,049	West South Central.....	453,712
Indiana.....	98,011	West.....	268,290
Illinois.....	202,546	Phosphoric acid (281991) (100% P <sub>2</sub> O <sub>5</sub> ).....	3906,124
Michigan.....	67,000	Northeast.....	2,757
Wisconsin.....	31,097	North Central.....	94,987
West North Central.....	252,858	East North Central.....	38,478
Iowa.....	66,052	Ohio.....	1,634
South.....	3,446,274	Indiana.....	5,732
South Atlantic.....	2,644,951	Illinois.....	22,540
Maryland.....	166,306	West North Central.....	56,509
Virginia.....	197,824	South.....	722,454
North Carolina.....	133,667	South Atlantic.....	586,951
South Carolina.....	116,607	Florida.....	586,048
Georgia.....	235,848	Arkansas.....	249
Florida.....	1,794,699	West.....	85,926
		Mountain.....	74,411
		Pacific.....	11,515
		California.....	11,515

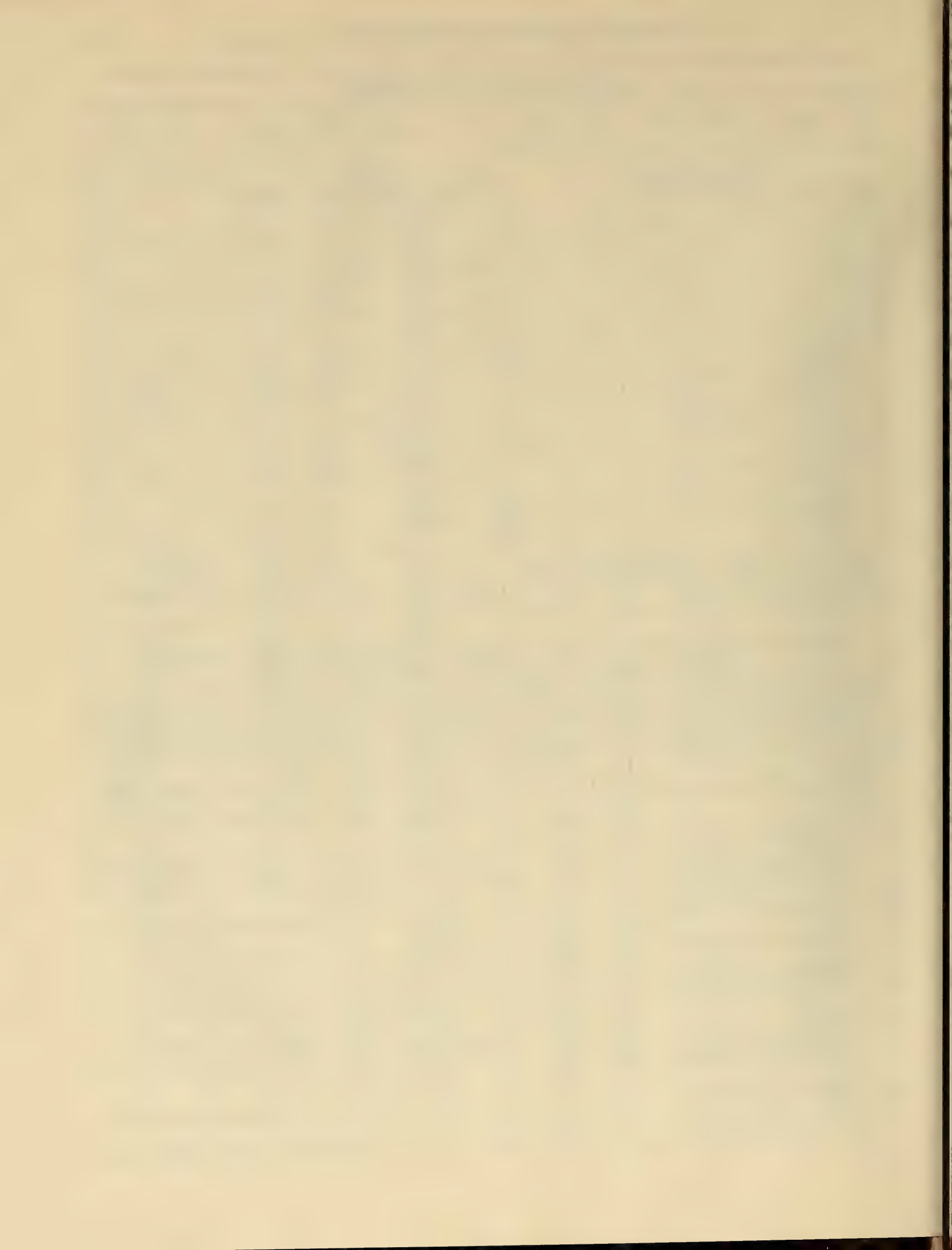
D Withheld to avoid disclosure of figures for individual companies.

<sup>1</sup>Materials such as limestone, magnesium, oxide, and copper compounds.<sup>2</sup>Includes 1,096,186 tons of new sulfuric acid purchased at a cost of \$18,362,000; 3,174,052 tons produced and consumed; and 386,282 tons of spent acid purchased at a cost of \$5,742,000.<sup>3</sup>Includes 72,117 tons of phosphoric acid purchased at a cost of \$11,418,000 and 834,007 tons produced and consumed.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2861	GUM AND WOOD CHEMICALS (entire industry).....	190	7,251	30,097	5,916	11,563	21,792	85,302	99,259	182,176	4,928
	Establishments with:										
	90% or more specialization.....	172	3,968	14,465	3,261	6,501	10,690	30,543	37,857	67,952	2,399
	75-89% specialization.....	6	527	2,329	438	895	1,586	4,036	6,263	9,707	95
28611	Softwood distillation products (primary product class of estab.)..	80	4,214	18,533	3,403	6,795	13,347	54,474	58,852	112,020	3,211
28612	Other gum and wood chemicals (primary product class of estab.)..	110	3,037	11,564	2,513	4,768	8,445	30,826	40,407	70,156	1,717
2871	FERTILIZERS (entire industry).....	283	18,728	79,022	14,104	28,986	55,256	197,943	406,203	605,249	24,276
	Establishments with:										
	90% or more specialization.....	253	14,707	59,133	11,196	22,886	42,097	143,005	326,109	469,791	13,789
	75-89% specialization.....	16	3,038	15,276	2,177	4,529	10,159	43,908	55,226	100,541	(D)
2872	FERTILIZERS, MIXING ONLY (entire industry).....	685	12,161	43,610	8,313	15,931	25,580	105,845	333,332	438,628	8,676
	Establishments with:										
	90% or more specialization.....	647	11,115	39,276	7,695	14,721	23,519	96,535	301,786	397,032	8,321
	75-89% specialization.....	15	328	1,160	219	392	716	3,361	10,703	14,043	170
2873 and 2879	AGRICULTURAL PESTICIDES AND AGRICULTURAL CHEMICALS, NEC (entire industry).....	337	7,790	37,789	4,919	9,502	18,632	110,993	223,232	333,105	6,977
	Establishments with:										
	90% or more specialization.....	290	5,452	25,275	3,567	6,678	13,005	71,049	169,039	239,600	3,363
	75-89% specialization.....	15	611	3,814	401	794	2,064	22,987	19,188	41,808	1,235





## Miscellaneous Chemical Products

This report shows 1958 Census of Manufactures statistics for establishments classified in each of the following industries:

### S.I.C. Code and Title (1957 Edition)

2891—Glue and Gelatin  
2892—Explosives  
2893—Printing Ink  
2894—Fatty Acids  
2895—Carbon Black  
2899—Chemicals and Chemical Preparations, N.E.C.

### 2891—Glue and Gelatin

This industry comprises establishments primarily engaged in manufacturing gelatin and industrial and household adhesives, glues, sizes, and cements from vegetable, animal, or purchased synthetic plastics materials. Establishments primarily engaged in manufacturing dessert preparations based on gelatin are classified in Industry 2099; vegetable gelatin or agar-agar in Industry 2833; rubber cement in Industry 3069; and asbestos cement in Industry 3292. For a detailed list of products of Industry 2891, refer to table 6A, product codes 2891111 to 2891298.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A. 32 establishments with 1,037 employees formerly included in the old Industry 2899, Chemical Products, N.E.C., are now reclassified into the new industry 2891, Glue and Gelatin. The reclassification of these plants was caused by the change in definition of Industry 2891 to include establishments primarily engaged in the manufacture of rosin and other sizes.

Value of shipments and other receipts of the Glue and Gelatin industry in 1958 totaled \$245 million. This included shipments of glue and gelatin (primary products), valued at \$202 million, shipments of other products (secondary products) valued at \$34 million, and miscellaneous receipts of \$9 million.

This industry's shipments of glue and gelatin (primary products) in 1958 represented 86 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of grease and inedible tallow, \$6 million and feed and fertilizer by-products, \$3 million.

Industry 2891 shipments of glue and gelatin (primary products) in 1958 represented 70 percent (coverage ratio) of these products valued at \$288 million shipped by all industries. Other industries shipping glue and gelatin (primary products) consisted mainly of Industry 2861, Gum and Wood Chemicals, \$19 million; and Industry 2834, Pharmaceutical Preparations, \$9 million.

Data for gelatin and animal glue shown in table 6A, are generally in close agreement with the monthly data on production and shipments contained in Current Industrial Reports Series M28W.1, Gelatin, and Series M28W.2, Animal Glue. The data shown in Series M28W.1 also include statistics showing that approximately 84 percent of all gelatin was produced from hides and the remainder from ossein. The differences in shipments of photographic and technical grades of gelatin are due to modified procedures used in reporting Census of Manufactures data. The Census of Manufactures data also include values for gelatin capsules and theatrical gelatin not reported in the Current Industrial Reports survey which is limited to reports by primary producers only.

### 2892—Explosives

This industry comprises establishments primarily engaged in manufacturing explosives such as blasting powder, high explosives, safety fuses and detonators. Establishments primarily engaged in manufacturing ammunition for small arms are classified in Group 196, and fireworks and pyrotechnics such as flares (all kinds), and railroad torpedoes, in Industry 2899. Establishments primarily engaged in shooting wells and also engaged in manufacturing nitroglycerine are included in the Census of Minerals. For a detailed list of products of Industry 2892, refer to table 6A, product codes 2892011 to 2892071.

While the identifying code number for this industry has been changed from the code number used in the previous classification system, the content of the industry both under the previous and 1957 edition of the Standard Industrial Classification Manual is unchanged.

The data subsequent to 1947 shown in the tables include information for Government-owned plants operated by private firms for the account of the Federal Government, but exclude information for Government-owned and government operated plants. Since the capital expenditures made by these privately operated Government plants are paid for by current billings to the United States Government, these amounts are excluded from the statistics shown in this report which represent expenditures for privately owned facilities. The detailed product statistics appearing in table 6A, Quantity and Value of Products, represent only the amounts and type of explosives produced by privately owned and privately operated plants. On the other hand, the data for materials consumed (table 7) include figures for all plants classified in this industry.

Value of shipments and other receipts of the Explosives Industry in 1958 totaled \$229 million. This included shipments of explosives (primary products), valued at \$161 million, shipments of other products (secondary products) valued at \$6 million, and miscellaneous receipts which include an estimated value for explosives produced in Government-owned, privately operated plants, of \$61 million.



This industry's shipments of explosives (primary products) in 1958 represented 96 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 95. Secondary products shipped by this industry in 1958 consisted mainly of Inorganic Chemicals, N.E.C., \$6 million.

Industry 2892 shipments of explosives (primary products) in 1958 represented 95 percent (coverage ratio) of these products valued at \$170 million shipped by all industries. In 1954, the coverage ratio was 91 percent. Other industries shipping explosives (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C., \$4 million.

#### 2893--Printing Ink

This industry comprises establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink. Establishments primarily engaged in manufacturing writing and stamp pad inks are classified in Industry 2899, Chemical Preparations, N.E.C., and varnishes for printers' inks in Industry 2851, Paints and Varnishes. For a detailed list of products of Industry 2893, refer to table 6A, product codes 2893011 to 2893098.

While the identifying code number for the industry has been changed from the code number used in the previous classification system, the content of the industry both under the previous and 1957 edition of the Standard Industrial Classification Manual is unchanged.

Value of shipments and other receipts of the Printing Ink Industry in 1958 totaled \$228 million. This included shipments of printing ink (primary products), valued at \$205 million, shipments of other products (secondary products) valued at \$17 million, and miscellaneous receipts of \$6 million.

This industry's shipments of printing ink (primary products) in 1958 represented 93 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 90 percent. Secondary products shipped by this industry in 1958 consisted mainly of industrial product finishes and special coatings, \$6 million, and intermediate coal tar products, \$3 million.

Industry 2893 shipments of printing ink (primary products) in 1958 represented 96 percent (coverage ratio) of these products valued at \$214 million shipped by all industries. In 1954, the coverage ratio was 95 percent. Other industries shipping printing ink (primary products) consisted mainly of Industry 2851, Paints and Varnishes, \$3 million; and Industry 3579, Office Machines, N.E.C., \$3 million.

#### 2894--Fatty Acids

This industry comprises establishments primarily engaged in manufacturing fatty acids such as stearic acid, oleic acid, fish and marine fatty acids, coconut-type fatty acids, tall oil fatty acids, and other unsaturated fatty acids fractionated from vegetable and animal oils and fats. Establishments primarily engaged in manufacturing low rosin fatty acids are classified in industry 2861, Gum and Wood Charcoal, and synthetic organic fatty acids in Industry 2818, Organic Chemicals, N.E.C. For a detailed list of products of Industry 2894, refer to table 6A, product codes 2894011 to 2894091.

While the identifying code number for this industry has been changed from the code number used in the previous classification, the content of the industry both under the previous and 1957 edition of the Standard Industrial Classification Manual is only slightly changed. Tall oil fatty acids (containing 90 percent or more free fatty acids, excluding rosin acids) formerly classified in Industry 2611, Pulp Mills, are now considered primary to this industry. However, this reclassification did not affect the classification of any manufacturing establishment.

Value of shipments and other receipts of the Fatty Acids Industry in 1958 totaled \$67 million. This included shipments of fatty acids (primary products), valued at \$44 million, shipments of other products (secondary products) valued at \$20 million, and miscellaneous receipts of \$3 million.

This industry's shipments of fatty acids (primary products) in 1958 represented 69 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1954 was 68 percent. Secondary products shipped by this industry in 1958 consisted mainly of organic chemicals, n.e.c., \$7 million; and glycerin, \$5 million.

Industry 2894 shipments of fatty acids (primary products) in 1958 represented 65 percent (coverage ratio) of these products valued at \$68 million shipped by all industries. In 1954, the coverage ratio was 73 percent. Other industries shipping fatty acids (primary products) consisted mainly of Industry 2861, Gum and Wood Chemicals, \$6 million and Industry 2841, Soap and Other Detergents, \$3 million.

#### 2895--Carbon Black

This industry comprises establishments primarily engaged in manufacturing carbon black (channel and furnace black). Product information for Industry 2895 is shown in table 6A.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the previous classification system. Bone black and lamp black, formerly classified in this industry, are now considered primary to Industry 2816, Inorganic Pigments.

Value of shipments and other receipts of the Carbon Black Industry in 1958 totaled \$119 million. This included shipments of carbon black (primary products), valued at \$119 million, and miscellaneous receipts of less than \$1 million.

This industry's shipments of carbon black (primary products) in 1958 represented 100 percent (specialization ratio) of its total product shipments (primary and secondary).

Industry 2895 shipments of carbon black (primary products) in 1958 represented 100 percent (coverage ratio) of these products valued at \$118.9 million shipped by all industries.

#### 2899--Chemicals and Chemical Preparations, N.E.C.

This industry comprises establishments primarily engaged in manufacturing miscellaneous chemical preparations, n.e.c., such as essential oils, bluing, laundry soaps, writing and stamp pad inks; industrial compounds, such



as boiler and heat insulating compounds, metal, oil and water treating compounds, waterproofing compounds and chemical supplies for foundries. For a detailed list of products of Industry 2899, refer to table 6A, product codes 2899111 to 2899387.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the previous classification system. The composition of the industry as now constituted, compared with that under the classification system followed in the 1954 Census is shown in table 1A.

Table 1A shows that 25 establishments with 899 employees formerly included in the old industry 2892, Essential Oils; 67 establishments with 1,628 employees formerly included in the old Industry 3985, Fireworks and Pyrotechnics; and 39 establishments with 4,167 employees formerly included in the old Industry 2898, Salt, are now reclassified into the new Industry 2899, Chemical Preparations, N.E.C. The reclassification of these plants was caused by the change in definition of Industry 2899 to include essential oils, fireworks, and evaporated salt. In addition, 249 establishments accounting for 4,318 employees formerly classified in the old Industry 2899, Chemical Products, N.E.C., were reclassified into the new Industry 2842, Polishes and Sanitation Goods; also, 32 establishments with 1,037 employees were reclassified into the new Industry 2891, Glue and Gelatin; 36 establishments with 1,455 employees were reclassified into the new Industry 2873, Agricultural

Pesticides; and 19 establishments with 868 employees were reclassified into Industry 2819, Industrial Inorganic Chemicals, N.E.C. The reclassification of these plants out of the old Industry 2899 to the above industries was caused by the reclassification of animal dips, soil conditioners, chemical catalytic preparations, household insecticides and repellants, sizes, and weed killers.

Value of shipments and other receipts of the Chemical Preparations, N.E.C., Industry in 1958 totaled \$703 million. This included shipments of Chemical Preparation, N.E.C., (primary products), valued at \$558 million, shipments of other products (secondary products) valued at \$73 million, and miscellaneous receipts (mainly resales) of \$73 million.

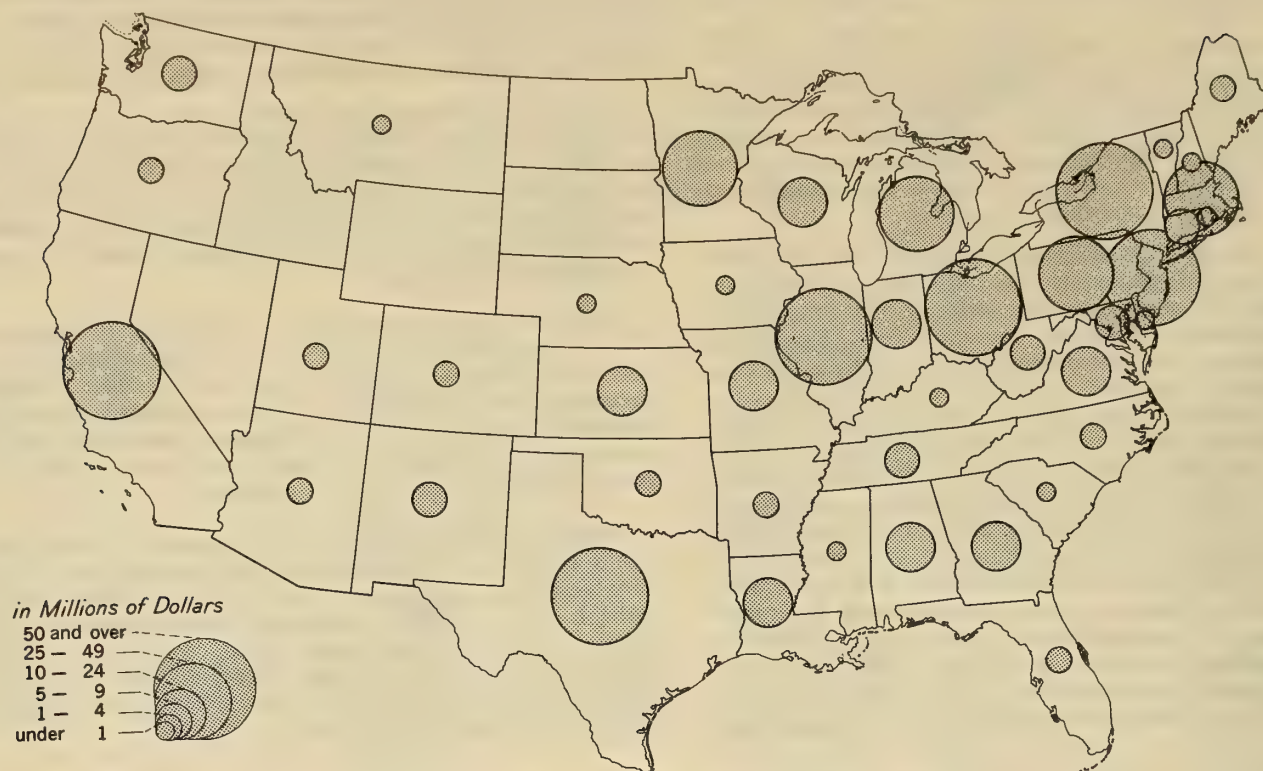
This industry's shipments of Chemical Preparations, N.E.C. (primary products) in 1958 represented 88 percent (specialization ratio) of its total product shipments (primary and secondary). Secondary products shipped by this industry in 1958 consisted mainly of organic chemicals, n.e.c., \$13 million; and chrome colors and other inorganic pigments, \$7 million.

Industry 2899 shipments of chemical preparations, n.e.c. (primary products) in 1958 represented 78 percent (coverage ratio) of these products valued at \$711 million shipped by all industries. Other industries shipping chemical preparations, n.e.c. (primary products) consisted mainly of Industry 2818, Organic Chemicals, N.E.C., \$39 million; and Industry 2842, Polishes and Sanitation Goods, \$12 million.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

## MISCELLANEOUS CHEMICAL PRODUCTS: SIC 289

Value Added by Manufacture by State: 1958



Includes Industries 2891, 2892, 2893, 2894, 2895 and 2899. See Table 2.

Bureau of the Census M-58-D289



Table 1.—General Statistics for the United States: 1958 and Earlier Years

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacturing, adjusted	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup>	Coverage ratio <sup>7</sup>
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
2891 (old SIC 2894)	Glue and gelatin:														
	1958 (new).....	234	274	93	7,890	42,146	5,166	10,563	23,878	106,383	139,251	245,205	8,077	86	70
	1958 <sup>8</sup> (old).....	(NA)	242	78	6,853	36,500	4,521	9,270	21,240	85,048	109,866	194,706	6,476	88	72
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,280	34,734	5,012	10,017	20,999	79,564	88,072	167,636	5,349	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,895	32,119	4,922	9,651	19,369	78,386	85,787	160,299	4,202	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,632	29,988	4,767	9,875	18,486	71,354	75,686	145,691	2,848	(NA)	(NA)
	1954.....	203	230	69	6,753	29,192	4,814	9,425	17,683	67,799	83,508	150,345	2,945	87	67
	1947.....	(NA)	174	(NA)	7,936	25,453	5,962	9,487	16,502	66,290	80,078	145,157	3,249	82	76
2892 (old SIC 2826)	Explosives:														
	1958 <sup>10</sup> .....	45	77	58	14,971	79,597	10,648	19,992	50,876	131,646	95,397	228,614	9,346	96	95
	1957 <sup>9,10</sup> .....	(NA)	(NA)	(NA)	21,478	111,167	15,763	31,142	76,385	184,641	137,948	319,756	(S)	96	95
	1956 <sup>9,10</sup> .....	(NA)	(NA)	(NA)	27,028	129,888	20,352	40,388	92,871	229,978	185,825	412,940	(S)	(NA)	(NA)
	1955 <sup>9,10</sup> .....	(NA)	(NA)	(NA)	29,124	134,747	22,905	44,526	97,678	242,567	190,837	432,784	(S)	(NA)	(NA)
	1954 <sup>10</sup> .....	40	74	55	32,478	146,843	25,544	51,696	109,986	221,272	188,966	395,276	17,279	98	91
	1947 <sup>11</sup> .....	35	76	50	10,426	32,313	8,932	18,121	26,051	74,706	61,650	136,356	6,050	87	99
	1939 <sup>11</sup> .....	(NA)	80	(NA)	8,315	13,721	7,242	(NA)	10,964	44,193	26,860	71,053	(NA)	(NA)	(NA)
	1937 <sup>11,12</sup> .....	(NA)	85	(NA)	(NA)	(NA)	7,240	(NA)	10,926	39,746	27,597	67,343	(NA)	(NA)	(NA)
2893 (old SIC 2891)	Printing ink:														
	1958.....	193	302	94	7,960	45,069	5,385	11,182	25,956	108,803	119,054	228,141	4,817	93	96
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,504	45,031	6,007	12,141	25,839	102,159	128,363	228,693	(S)	93	97
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,406	42,029	5,927	12,134	25,037	93,140	125,118	218,699	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,960	37,878	5,668	11,745	23,331	90,947	111,241	198,703	(S)	(NA)	(NA)
	1954.....	188	271	87	7,609	35,713	5,268	10,699	20,746	88,343	95,549	183,552	6,336	90	95
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,238	39,468	5,601	(NA)	22,374	89,933	88,721	178,654	(NA)	(NA)	(NA)
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	8,078	39,108	5,326	(NA)	21,491	86,893	90,024	176,917	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	7,776	35,521	5,141	(NA)	19,011	76,459	84,337	160,796	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,868	28,475	4,673	(NA)	16,466	70,215	73,349	143,564	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	6,113	23,364	4,228	(NA)	13,319	63,033	66,929	129,962	(NA)	(NA)	(NA)
	1947.....	151	239	(NA)	6,021	20,496	4,154	9,005	11,890	51,949	63,759	115,708	(NA)	92	98
	1939 <sup>13</sup> .....	(NA)	197	(NA)	(NA)	(NA)	2,480	(NA)	3,564	23,288	23,955	47,243	(NA)	(NA)	(NA)
	1937.....	(NA)	184	(NA)	3,927	7,268	2,793	(NA)	4,085	22,243	25,104	47,347	(NA)	(NA)	(NA)
	1935.....	(NA)	191	(NA)	3,346	6,124	2,370	(NA)	3,234	15,933	18,602	34,535	(NA)	(NA)	(NA)
	1933.....	(NA)	160	(NA)	2,719	4,094	2,094	(NA)	2,663	13,562	12,604	26,166	(NA)	(NA)	(NA)
	1929.....	(NA)	147	(NA)	3,561	8,269	2,448	(NA)	3,957	23,545	19,205	42,750	(NA)	(NA)	(NA)
	1921.....	(NA)	97	(NA)	2,471	4,762	1,676	(NA)	2,470	10,225	10,644	20,869	(NA)	(NA)	(NA)
	1919.....	(NA)	90	(NA)	3,011	5,392	1,988	(NA)	2,575	11,583	14,661	26,244	(NA)	(NA)	(NA)
	1914.....	(NA)	70	(NA)	2,253	2,920	1,391	(NA)	1,064	7,024	6,601	13,830	(NA)	(NA)	(NA)
	1909.....	(NA)	71	(NA)	1,816	1,865	1,121	(NA)	772	4,691	4,175	8,866	(NA)	(NA)	(NA)
	1899.....	(NA)	60	(NA)	756	643	503	(NA)	298	1,544	1,536	3,080	(NA)	(NA)	(NA)
2894 (old SIC 2887)	Fatty acids:														
	1958.....	11	12	12	1,558	9,793	972	2,141	5,796	20,594	45,183	66,740	3,490	69	65
	1957 <sup>9</sup> .....	(NA)	(NA)	(NA)	1,953	12,189	1,058	2,160	6,030	36,526	46,429	74,368	(S)	(NA)	(NA)
	1956 <sup>9</sup> .....	(NA)	(NA)	(NA)	2,123	12,303	1,335	2,832	6,835	33,337	48,091	78,237	(S)	(NA)	(NA)
	1955 <sup>9</sup> .....	(NA)	(NA)	(NA)	1,972	10,930	1,235	2,770	6,148	30,084	44,837	73,483	(S)	(NA)	(NA)
	1954.....	14	15	12	1,891	10,263	1,185	2,712	6,009	23,968	38,112	60,784	4,819	68	73
	1952 <sup>9</sup> .....	(NA)	(NA)	(NA)	2,068	10,195	1,382	3,129	6,384	18,569	20,957	39,526	(NA)	(NA)	(NA)
	1951 <sup>9</sup> .....	(NA)	(NA)	(NA)	2,194	9,773	1,508	3,384	6,255	18,876	52,567	71,443	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	1,763	7,024	1,245	2,806	4,615	17,616	34,012	51,628	(NA)	(NA)	(NA)
	1949 <sup>9</sup> .....	(NA)	(NA)	(NA)	1,726	(NA)	1,229	(NA)	(NA)	14,512	26,509	41,021	(NA)	(NA)	(NA)
	1947.....	15	16	11	1,335	4,433	1,037	2,239	3,055	17,151	50,943	68,094	1,427	(NA)	(NA)
	1939.....	(NA)	9	(NA)	(NA)	(NA)	522	(NA)	723	2,813	6,650	9,463	(NA)	(NA)	(NA)
2895	Carbon black:														
	1958 (new).....	8	36	32	3,162	18,606	2,629	5,650	14,747	72,641	46,883	119,271	4,612	100	100
	1958 <sup>8</sup> (old).....	(NA)	42	34	3,278	19,159	2,723	5,835	15,138	74,019	48,067	121,843	4,617	99	98
	1954.....	12	47	37	3,410	16,466	2,801	6,112	13,029	60,321	39,460	101,902	10,597	100	98
	1953 <sup>9</sup> .....	(NA)	(NA)	(NA)	3,643	15,987	2,905	6,447	12,862	61,045	44,707	105,752	(NA)	(NA)	(NA)
	1950 <sup>9</sup> .....	(NA)	(NA)	(NA)	3,542	14,155	3,054	7,007	12,239	59,492	40,702	99,702	(NA)	(NA)	(NA)
	1947.....	13	59	(NA)	3,184	10,017	2,834	6,073	8,456	44,962	28,345	73,592	(NA)	100	97
	1939.....	(NA)	53	(NA)	1,909	2,718	1,574	(NA)	2,001	8,523	6,104	14,627	(NA)	(NA)	(NA)
	1937.....	(NA)	62	(NA)	2,396	3,264	2,190	(NA)	2,712	11,618	7,236	18,854	(NA)	(NA)	(NA)
	1935.....	(NA)	55	(NA)	2,038	2,428	1,828	(NA)	1,937	9,477	5,334	14,811	(NA)	(NA)	(NA)
	1933.....	(NA)	48	(NA)	1,570	1,477	1,449	(NA)	1,206	4,497	4,010	8,507	(NA)	(NA)	(NA)

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 1.-General Statistics for the United States: 1958 and Earlier Years-Continued

(For explanation of column captions see Introduction)

Ind. code	Industry and year	Companies, number	Establishments, number		All employees		Production workers			Value added by manufacture, adjusted <sup>3</sup>	Cost of materials <sup>4</sup>	Value of shipments <sup>5</sup>	Capital expenditures, new	Specialization ratio <sup>6</sup> (per cent)	Coverage ratio <sup>7</sup> (per cent)
			Total	With 20 or more employees	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Man-hours (1,000)	Wages (\$1,000)						
	Carbon black—Con.														
	1931.....	(NA)	62	(NA)	(NA)	(NA)	1,039	(NA)	1,334	4,513	5,022	9,535	(NA)	(NA)	(NA)
	1929.....	(NA)	77	(NA)	2,137	3,280	1,915	(NA)	2,583	11,074	9,096	20,170	(NA)	(NA)	(NA)
	1927.....	(NA)	67	(NA)	1,796	2,556	1,553	(NA)	2,047	7,691	6,571	14,262	(NA)	(NA)	(NA)
	1925.....	(NA)	66	(NA)	1,728	2,240	1,505	(NA)	1,722	8,910	5,655	14,565	(NA)	(NA)	(NA)
	1923.....	(NA)	68	(NA)	1,679	2,370	1,303	(NA)	1,461	9,305	5,295	14,600	(NA)	(NA)	(NA)
	1921.....	(NA)	45	(NA)	1,017	1,516	826	(NA)	980	4,436	3,745	8,181	(NA)	(NA)	(NA)
	1919.....	(NA)	35	(NA)	796	1,121	675	(NA)	808	3,338	2,848	6,186	(NA)	(NA)	(NA)
	1914.....	(NA)	27	(NA)	420	336	339	(NA)	231	778	686	1,464	(NA)	(NA)	(NA)
	1909.....	(NA)	27	(NA)	295	228	228	(NA)	149	648	445	1,093	(NA)	(NA)	(NA)
	1904.....	(NA)	25	(NA)	247	154	200	(NA)	105	445	203	648	(NA)	(NA)	(NA)
	1899.....	(NA)	15	(NA)	106	70	85	(NA)	46	254	106	360	(NA)	(NA)	(NA)
2899 (old SIC 2899)	Chemical preparations, nec:														
	1958.....	1,232	1,286	217	24,727	131,810	15,522	30,120	67,270	364,397	338,361	703,325	23,500	88	78

NA Not available. <sup>†</sup>Revised.<sup>2</sup> Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.<sup>3</sup> A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication.<sup>4</sup> The method of compiling these figures has varied, as follows: **All employees:** for 1955-1958, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of non-production workers for one payroll period (usually in October). **Production workers:** for 1949-1958, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.<sup>5</sup> For the period 1954-1958, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For "Glue and gelatin" and "Carbon black" industries, 1947 value added by manufacture does not equal the published value of shipments less cost of materials, etc. because an estimated value of production was used in the calculation in place of value of shipments. Since the 1949-1952 estimates were derived from 1947 base totals, the same inequality may exist for these years. See Introduction, "Value Added by Manufacture." For the industries included in this table, unadjusted value added by manufacture in 1954 was as follows:

Industry Code	Value added (\$1,000)	Industry Code	Value added (\$1,000)
2891	64,771	2894	21,922
2892	205,442	2895	62,424
2893	87,289	2899	266,627

<sup>6</sup> For 1958 and 1954, includes cost of products bought for resale without further manufacture, processing or assembly; for other years, excludes cost of products bought for resale. See Introduction, "Cost of Materials Consumed, Etc." Figures for years prior to 1935 do not include cost of contract work. The cost of materials, etc., excluding the cost of products bought for resale, was as follows in 1958 and 1954:

Industry Code	Cost of materials, etc. (\$1,000)		Industry Code	Cost of materials, etc. (\$1,000)	
	1958	1954		1958	1954
2891	132,750	74,580	2894	43,163	34,069
2892	90,608	184,194	2895	46,834	39,191
2893	115,511	93,349	2899	300,710	264,586

<sup>7</sup> For 1958 and 1954, includes shipments of products bought for resale without further manufacture, processing or assembly; for other years, excludes value of such resales. See Introduction, "Value of Shipments." For 1939 and prior years, except 1929, the figures represent value of production rather than value of shipments. Value of shipments excluding resales was as follows in 1958 and 1954:

Industry Code	Value of shipments (\$1,000)		Industry Code	Value of shipments (\$1,000)	
	1958	1954		1958	1954
2891	237,753	139,352	2894	63,639	55,991
2892	222,519	389,638	2895	119,220	101,616
2893	223,632	180,638	2899	653,663	531,213

<sup>8</sup> The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B.<sup>9</sup> The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B.

Footnotes continued on next page.



Footnotes for table 1—28G—Continued

<sup>8</sup>A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A.

<sup>9</sup>The figures for 1949-1953 and 1955-1957 represent estimates derived from a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the Annual Survey of Manufactures volumes for this period. Estimates with a standard error in excess of 15 percent generally have been omitted from this table.

<sup>10</sup>Includes data for establishments which are owned by the Government but privately operated.

<sup>11</sup>Excludes data for Government owned-privately operated plants.

<sup>12</sup>The figures prior to 1937 are not sufficiently comparable with those for later years to be shown here because they exclude data for safety fuses and blasting and detonating caps.

<sup>13</sup>The figures for 1939 are not entirely comparable with those for earlier years. For "Printing ink", value added by manufacture for 1939 on a basis comparable with earlier years was \$24 million.

Table 1A.—Composition of New SIC Industries Based on Old SIC: 1958

(The data under the heading "Composition of new industry" are (1) on the "new industry" line, the 1958 totals for the industry based on the new SIC and (2) on the "old industry" lines, the industries in which these data would have been included had the industry definitions not been changed. Stated otherwise, it shows where the "new industry" came from. The data under the heading "Totals for industries on old SIC" are 1958 totals for the old (unrevised) industry and include data for establishments classified both in the specified new industry and for establishments classified in other new SIC industries. The relationship between the data in the first four columns and the last four columns shows the portion of the old SIC industry that was classified into the specified, newly defined, industry)

Industry	Composition of new industry				Totals for industries on old SIC			
	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)	Establishments, number		Number of employees	Adjusted value added by manufacture (\$1,000)
	Total	20 or more employees			Total	20 or more employees		
New Industry 2891—Glue and gelatin.....	274	93	7,890	106,383	xxx	xxx	xxx	xxx
Old Industry 2894—Glue and gelatin.....	242	78	6,853	85,048	242	78	6,853	85,048
Old Industry 2899—Chemical products, nec.....	32	15	1,037	21,335	1,501	259	26,105	432,463
New Industry 2899—Chemical preparations, nec.....	1,286	217	24,727	364,397	xxx	xxx	xxx	xxx
Old Industry 2892—Essential oils.....	25	9	899	16,533	25	9	899	16,533
Old Industry 2899—Chemical products, nec.....	1,149	164	17,941	278,660	1,501	259	26,105	432,463
Old Industry 3985—Fireworks and pyrotechnics.....	67	19	1,628	9,043	67	19	1,628	9,043
Old Industry 2898—Salt.....	39	24	4,167	59,251	39	24	4,167	59,251
All other industries <sup>1</sup> .....	6	1	92	910	xxx	xxx	xxx	xxx

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of shifts in their product classification to conform to the new SIC and classification errors for small establishments that were not corrected since they were not statistically significant.

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted, (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2891	Glue and gelatin, total <sup>2</sup> .....	274	93	7,890	42,146	5,166	10,563	23,878	106,383	245,205	8,077	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Northeast.....	101	36	4,030	21,964	2,628	5,308	12,500	49,025	113,073	3,581	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Massachusetts..	27	11	1,655	9,277	1,095	2,149	5,705	20,361	44,606	1,895	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	New Jersey.....	22	7	716	3,636	492	1,085	2,231	10,059	24,296	850	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	North Central and South.....	133	45	3,114	15,954	2,089	4,307	9,033	44,818	100,732	3,304	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Illinois.....	32	12	1,033	5,416	654	1,397	3,133	12,437	27,073	752	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
	Wisconsin.....	7	3	393	1,994	328	690	1,518	6,011	11,588	(D)	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

## MANUFACTURES-INDUSTRY STATISTICS

Table 2.—General Statistics by Regions and States: 1958, 1954, and 1947—Continued

(For explanation of column captions see Introduction)

Ind. code	Industry, region, and State <sup>1</sup>	1958									1954		1947	
		Establishments, number		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)	All employees, number
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2891	Glue and gelatin—Continued													
	Georgia.....	12	7	434	2,353	309	631	1,183	11,672	25,112	1,090	(3)	(3)	(3)
	West.....	40	12	746	4,228	449	948	2,345	12,540	31,400	1,192	(3)	(3)	(3)
	Oregon.....	7	4	144	910	79	159	409	4,329	11,354	(4)	(3)	(3)	(3)
	California.....	26	6	457	2,573	296	643	1,601	6,072	14,502	616	(3)	(3)	(3)
2892	Explosives, total...	77	58	14,971	79,597	10,648	19,992	50,876	131,646	228,614	9,346	32,478	205,442	10,426
	Northeast.....	20	15	4,266	21,344	3,380	6,156	15,292	42,145	67,990	1,848	4,925	43,056	6,443
	Pennsylvania....	11	9	2,033	8,893	1,620	2,901	6,478	18,419	31,566	1,173			
	North Central.....	25	20	4,954	27,921	2,998	5,800	15,293	42,230	69,989	4,476	16,509	97,444	(D)
	Indiana.....	3	3	773	4,214	46	96	143	4,229	6,312	(4)	(5)	(5)	(5)
	Illinois.....	10	7	1,760	9,898	1,161	2,270	5,440	14,628	25,617	1,368	3,990	28,897	557
	Missouri.....	3	3	684	3,728	582	1,073	2,970	9,605	16,121	(D)	(5)	(5)	(5)
	South.....	18	12	4,436	23,371	3,219	6,115	15,202	33,232	62,597	675	9,544	50,117	(D)
	Mountain.....	5	5	719	3,760	570	1,027	2,704	7,423	14,567	1,842	775	7,715	(D)
	Pacific.....	9	6	596	3,201	481	894	2,385	6,616	13,471	505	725	7,111	(D)
	California.....	4	3	280	1,514	221	420	1,143	3,485	6,553	(4)	(5)	(5)	(5)
2893	Printing ink, total.	302	94	7,960	45,069	5,385	11,182	25,956	108,803	228,141	4,817	7,609	87,289	6,021
	New England.....	20	2	171	953	130	262	648	2,277	4,647	(4)	(NA)	(NA)	(NA)
	Middle Atlantic...	101	35	3,294	19,595	2,246	4,610	11,014	44,540	93,611	2,513	3,385	36,461	2,732
	New York.....	45	10	1,048	6,756	661	1,434	3,201	9,817	19,297	(4)	1,147	8,959	1,458
	New Jersey.....	35	16	1,602	9,204	1,149	2,270	5,718	26,833	57,387	2,182	1,530	20,684	485
	Pennsylvania....	21	9	644	3,635	436	906	2,095	7,890	16,927	(4)	707	6,818	789
	East North Central	78	36	2,782	15,097	1,856	3,835	8,794	39,295	84,341	1,026	2,612	32,649	2,085
	Ohio.....	18	10	653	3,506	416	841	1,858	8,388	17,458	526	594	6,690	498
	Michigan.....	13	3	227	1,102	145	305	683	2,644	5,165	(4)	260	2,459	193
	West North Central	17	6	311	1,851	193	400	943	3,731	6,825	(4)	244	2,299	234
	Missouri.....	12	5	221	1,320	133	287	645	2,369	4,606	(4)	169	1,405	177
	South Atlantic....	26	4	317	1,753	196	414	800	3,413	7,507	(4)	222	2,161	(NA)
	East South Central	9	...	68	328	41	91	182	706	1,607	(4)			
	West South Central	17	1	175	795	110	238	463	2,768	5,427	(4)	147	1,667	(NA)
	Texas.....	9	1	103	483	64	141	275	1,887	3,501	(4)	(5)	(5)	(5)
	West.....	34	10	842	4,697	613	1,332	3,112	12,073	24,176	648	844	10,551	514
	California.....	26	10	760	4,282	558	1,220	2,855	11,302	22,342	624	774	9,898	482
2894	Fatty acids, total..	12	12	1,558	9,793	972	2,141	5,796	20,594	66,740	3,490	1,891	21,922	1,335
	Middle Atlantic...	4	4	318	1,905	205	466	1,142	2,927	9,602	(4)	374	3,175	397
	East North Central	5	5	994	6,406	584	1,258	3,661	13,930	45,771	1,990	1,391	17,358	(D)
	South and West....	3	3	246	1,482	183	417	993	3,737	11,367	1,008	125	1,388	(D)
2895	Carbon black, total <sup>2</sup>	36	32	3,162	18,606	2,629	5,650	14,747	72,641	119,271	4,612	(3)	(3)	(3)
	Louisiana.....	9	8	919	5,132	782	1,663	4,137	21,275	32,487	1,811	(3)	(3)	(3)
	Texas.....	20	17	1,755	10,508	1,424	3,037	8,118	38,413	65,872	2,555	(3)	(3)	(3)
	All other states.....	7	7	488	2,966	950	2,492	12,953	20,953	20,912	(4)	(3)	(3)	(3)
2899	Chemical preparations, nec, total..	1,286	217	24,727	131,810	15,522	30,120	67,270	364,397	703,325	23,500	(3)	(3)	(3)
	New England.....	99	10	1,207	5,520	761	1,473	2,545	10,410	22,826	(4)	(3)	(3)	(3)
	Massachusetts...	51	3	564	2,681	315	590	1,152	5,126	9,722	(4)	(3)	(3)	(3)
	Middle Atlantic...	380	66	6,519	34,496	4,183	8,104	19,084	92,246	184,155	4,817	(3)	(3)	(3)
	New York.....	187	28	3,360	18,189	2,294	4,486	10,988	47,788	94,053	3,276	(3)	(3)	(3)
	New Jersey.....	103	22	1,763	8,990	1,215	2,360	5,432	30,504	58,414	926	(3)	(3)	(3)
	Pennsylvania....	90	16	1,396	7,317	674	1,258	2,664	13,954	31,688	615	(3)	(3)	(3)
	East North Central	341	71	9,419	51,033	5,749	11,038	24,718	120,810	248,817	10,476	(3)	(3)	(3)
	Ohio.....	123	26	4,327	23,221	2,636	5,161	11,399	46,794	93,612	3,213	(3)	(3)	(3)
	Indiana.....	25	3	908	4,470	676	1,314	2,939	10,084	24,226	(4)	(3)	(3)	(3)
	Illinois.....	112	20	1,973	11,091	974	1,694	3,731	29,364	63,559	4,863	(3)	(3)	(3)
	Michigan.....	51	15	1,663	9,290	1,159	2,306	5,365	28,841	55,732	1,921	(3)	(3)	(3)
	Wisconsin.....	30	7	548	2,961	304	563	1,284	5,727	11,688	(4)	(3)	(3)	(3)
	West North Central	74	13	2,269	12,110	1,388	2,755	6,448	60,264	90,857	3,770	(3)	(3)	(3)
	Missouri.....	29	7	608	3,236	231	448	1,094	10,895	19,374	(D)	(3)	(3)	(3)
	South.....	208	34	2,970	15,657	1,908	3,789	7,421	47,289	97,137	1,756	(3)	(3)	(3)
	North Carolina..	10	1	253	1,469	155	325	424	3,201	4,995	(4)	(3)	(3)	(3)
	Texas.....	71	13	1,140	5,950	801	1,581	3,588	20,184	42,490	877	(3)	(3)	(3)
	Mountain.....	22	2	145	645	113	237	437	1,474	3,258	(4)	(3)	(3)	(3)
	Pacific.....	162	21	2,198	12,349	1,420	2,724	6,617	31,904	56,275	2,162	(3)	(3)	(3)

See footnotes at end of table.



Footnotes for table 2—28G

Note: Detailed figures may not add to the totals because of independent rounding.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2891, Glue and Gelatin: Northeast—Vermont, 2 (1-19); Rhode Island, 1 (1-19); Connecticut, 3 (1-19); New York, 27 (1,000-2,499); Pennsylvania, 19 (500-999); North Central and South—Ohio, 19 (250-499); Indiana, 5 (100-249); Michigan, 6 (250-499); Minnesota, 3 (20-99); Iowa, 1 (1-19); Missouri, 10 (20-99); Nebraska, 1 (20-99); Kansas, 1 (20-99); Delaware, 1 (1-19); Maryland, 3 (20-99); Virginia, 3 (1-19); North Carolina, 6 (20-99); Florida, 1 (1-19); Kentucky, 2 (1-19); Tennessee, 2 (20-99); Alabama, 4 (20-99); Mississippi, 1 (1-19); Arkansas, 1 (1-19); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 10 (20-99); West—Arizona, 1 (1-19); Washington, 6 (100-249).

SIC 2892, Explosives: Northeast—Maine, 1 (1-19); Massachusetts, 2 (100-249); Connecticut, 1 (250-499); New York, 3 (500-999); New Jersey, 2 (1,000-2,499); North Central—Ohio, 3 (250-499); Michigan, 3 (100-249); Wisconsin, 2 (500-999); Kansas, 1 (500-999); South—Maryland, 1 (20-99); Virginia, 3 (2,325); West Virginia, 1 (250-499); Kentucky, 1 (20-99); Tennessee, 2 (500-999); Alabama, 3 (500-999); Oklahoma, 2 (1-19); Texas, 5 (100-249); Mountain—Colorado, 2 (250-499); Arizona, 1 (100-249); Utah, 2 (100-249); Pacific—Washington, 4 (250-499); Oregon, 1 (1-19).

SIC 2893, Printing Ink: New England—Vermont, 1 (1-19); Massachusetts, 17 (100-249); Connecticut, 2 (20-99); East North Central—Indiana, 3 (20-99); Illinois, 39 (1,000-2,499); Wisconsin, 5 (20-99); West North Central—Minnesota, 4 (20-99); Iowa, 1 (1-19); South Atlantic—Maryland, 4 (20-99); District of Columbia, 1 (20-99); Virginia, 3 (20-99); North Carolina, 2 (1-19); Georgia, 8 (20-99); Florida, 8 (20-99); East South Central—Kentucky, 1 (1-19); Tennessee, 5 (20-99); Alabama, 3 (1-19); West South Central—Louisiana, 8 (20-99); West—Colorado, 2 (20-99); Utah, 1 (1-19); Washington, 3 (20-99); Oregon, 2 (20-99).

SIC 2894, Fatty Acids: Middle Atlantic—New Jersey, 2 (100-249); Pennsylvania, 2 (100-249); East North Central—Ohio, 1 (250-499); Indiana, 1 (100-249); Illinois, 2 (100-249); Michigan, 1 (100-249); South and West—Tennessee, 1 (100-249); California, 2 (100-249).

SIC 2895, Carbon Black: West North Central—Kansas, 2 (100-249); West South Central—Arkansas, 1 (20-99); Oklahoma, 1 (20-99); Mountain—New Mexico, 3 (100-249).

SIC 2899, Chemical Preparations, NEC: New England—Maine, 8 (100-249); New Hampshire, 3 (20-99); Rhode Island, 11 (20-99); Connecticut, 26 (250-499); West North Central—Minnesota, 17 (500-999); Iowa, 13 (20-99); South Dakota, 2 (1-19); Nebraska, 4 (1-19); Kansas, 9 (500-999); South—Maryland, 24 (500-999); District of Columbia, 1 (1-19); Virginia, 6 (20-99); West Virginia, 2 (20-99); South Carolina, 6 (20-99); Georgia, 11 (100-249); Florida, 26 (20-99); Kentucky, 2 (1-19); Tennessee, 15 (100-249); Alabama, 7 (100-249); Mississippi, 6 (20-99); Arkansas, 2 (1-19); Louisiana, 11 (100-249); Oklahoma, 8 (20-99); West—Montana, 1 (1-19); Colorado, 12 (20-99); New Mexico, 3 (20-99); Arizona, 3 (20-99); Utah, 3 (20-99); Pacific—Washington, 9 (20-99); Oregon, 5 (1-19); California, 148 (1,000-2,499).

<sup>2</sup>See footnote 8 of table 1.

<sup>3</sup>Comparable data for 1954 and 1947 are not available because of revisions in the Standard Industrial Classification (see table 1A and text of this report).

<sup>4</sup>Less than \$500 thousand.

<sup>5</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.

Table 2A.—General Statistics by Regions and States on Old SIC System: 1958, 1954, and 1947

(For explanation of column captions see Introduction. For discussion of change in SIC see text)

Ind. code	Industry, region, and State <sup>1</sup>	1958										1954		1947
		Establishments, number		All employees		Production workers			Value added by manufac- ture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	All em- ployees, number	Value added by manufac- ture, unadjusted (\$1,000)	All em- ployees, number
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)						
2891	Glue and gelatin, total <sup>2</sup> .....	242	78	6,853	36,500	4,521	9,270	21,240	85,048	194,706	6,476	6,753	64,771	7,936
	Northeast .....	90	34	3,742	20,283	2,467	4,984	11,727	45,104	102,296	3,565	4,041	39,488	4,856
	Massachusetts..	23	10	1,599	8,953	1,070	2,102	5,609	19,646	42,928	1,884	1,622	16,927	(D)
	New Jersey.....	20	7	711	3,601	490	1,080	2,218	9,993	24,127	850	626	7,980	883
	North Central....	82	31	2,155	11,029	1,465	3,083	6,679	25,497	54,612	1,584	2,079	18,558	2,521
	Illinois.....	32	12	1,033	5,416	654	1,397	3,133	12,437	27,073	752	1,001	9,011	1,422
	South.....	33	3	268	1,277	173	315	639	3,336	9,799	( <sup>3</sup> )	215	1,970	(D)
	West.....	37	10	688	3,911	416	888	2,195	11,111	27,999	1,153	(NA)	(NA)	(NA)
	Oregon.....	5	2	89	615	49	106	281	2,991	8,044	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
	California.....	25	6	454	2,551	293	636	1,579	5,981	14,411	613	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

Note: Detailed figures may not add to the totals because of independent rounding.

NA Not available.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State for 1958 and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2891, Glue and Gelatin: Northeast—Vermont, 1 (1-19); Connecticut, 3 (1-19); New York, 26 (500-999); Pennsylvania, 17 (250-499); North Central—Ohio, 18 (250-499); Indiana, 5 (100-249); Michigan, 5 (100-249); Wisconsin, 6 (250-499); Minnesota, 3 (20-99); Iowa, 1 (1-19); Missouri, 10 (20-99); Nebraska, 1 (20-99); Kansas, 1 (20-99); South—Delaware, 1 (1-19); Maryland, 3 (20-99); Virginia, 3 (1-19); North Carolina, 3 (20-99); Georgia, 3 (20-99); Florida, 1 (1-19); Kentucky, 1 (1-19); Tennessee, 1 (1-19); Alabama, 3 (1-19); Mississippi, 1 (1-19); Arkansas, 1 (1-19); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 10 (20-99); West—Arizona, 1 (1-19); Washington, 6 (100-249).

<sup>2</sup>See footnote 8 of table 1. Table 2A is based on the definition of the industry under the 1945 Standard Industrial Classification.

<sup>3</sup>Less than \$500 thousand.

<sup>4</sup>This state was not shown as a separate line in table 2 in the 1954 report for this industry. A footnote to table 2 in the 1954 report showed the number of establishments and total employment (either actual or in size ranges) for such states. In the 1947 report, the footnote to table 2 usually provided similar information.

Table 3.—Detailed Statistics for the United States: 1958

Item	Glue and gelatin (SIC 2891)	Explosives (SIC 2892)	Printing ink (SIC 2893)	Fatty acids (SIC 2894)	Carbon black (SIC 2895)	Chemical prepara- tions, nec (SIC 2899)
Primary product specialization ratio <sup>1</sup> .....	86	96	93	69	100	88
Coverage ratio <sup>2</sup> .....	70	95	96	65	100	78
Number of establishments, total.....	274	77	302	12	36	1,286
With 1-19 employees.....	181	19	208		4	1,069
With 20-99 employees.....	75	23	80	5	20	165
With 100 employees or more.....	18	35	14	7	12	52
Proprietors and working partners.....Number..	73	10	65			429
All employees:						
Number (average for the year).....	7,890	14,971	7,960	1,558	3,162	24,727
Payroll.....\$1,000..	42,146	79,597	45,069	9,793	18,606	131,810
Production workers:						
Number (average for the year).....	5,166	10,648	5,385	972	2,629	15,522
March.....	5,289	10,966	5,342	944	2,671	15,335
May.....	5,166	10,533	5,298	952	2,615	15,362
August.....	5,079	10,660	5,349	955	2,607	15,583
November.....	5,183	10,425	5,525	1,042	2,617	15,938
Man-hours.....1,000..	10,563	19,992	11,182	2,141	5,650	30,120
January-March.....do....	2,925	5,239	2,779	530	1,417	7,228
April-June.....do....	2,776	4,832	2,743	500	1,368	7,374
July-September.....do....	2,632	4,830	2,701	513	1,412	7,253
October-December.....do....	2,795	5,091	2,867	598	1,453	7,596
Wages.....\$1,000..	23,878	50,876	25,956	5,796	14,747	67,270
Cost of materials, etc., total.....do....	139,251	95,397	119,054	45,183	46,883	338,361
Materials, parts, containers, and supplies consumed.....do....	126,733	84,385	113,379	41,870	43,109	287,454
Cost of resales.....do....	6,501	4,789	3,543	2,020	49	37,651
Fuels consumed.....do....	4,370	4,009	675	1,521	1,435	7,948
Electricity purchased.....do....	1,250	1,965	1,258	556	2,056	3,233
Contract work.....do....	397	249	199	216	234	2,075
Value of shipments (including resales), total.....do....	245,205	228,614	228,141	66,740	119,271	703,325
Value of resales.....do....	7,452	6,095	4,509	3,101	51	49,662
Value added by manufacture, adjusted.....do....	106,383	131,646	108,803	20,594	72,641	364,397
Manufacturers' inventories:						
Beginning of year, total.....do....	38,633	29,973	26,046	12,590	19,488	91,744
Finished products.....do....	20,145	12,672	9,459	6,313	15,460	38,980
Work-in-process.....do....	3,144	3,427	1,454	3,396	100	10,942
Materials, supplies, fuel, etc.....do....	15,344	13,874	15,133	2,881	3,928	41,822
End of year, total.....do....	39,842	26,006	25,058	11,470	19,473	90,735
Finished products.....do....	20,727	11,590	9,222	5,360	15,813	38,939
Work-in-process.....do....	2,991	2,938	1,407	3,386	...	10,416
Materials, supplies, fuel, etc.....do....	16,124	11,478	14,429	2,724	3,660	41,380
Expenditures for plant and equipment, total.....do....	8,252	9,422	4,882	3,548	4,612	28,076
New, total.....do....	8,077	9,346	4,817	3,490	4,612	23,500
New structures and additions to plant.....do....	1,964	2,146	1,851	332	667	6,316
New machinery and equipment.....do....	6,113	7,200	2,966	3,158	3,945	17,184
Used plant and equipment.....do....	175	76	65	58	...	4,576

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. <sup>1</sup>Revised.

<sup>1</sup>The primary product specialization ratio measures the extent to which establishments classified in the industry "specialize" in making products regarded as primary to the industry. That is, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap and salable refuse, repair work, etc.). Also see tables 5A and 5B.

<sup>2</sup>The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry is expressed as a ratio to the total shipments of primary products by all producers, both in and out of the specified industry. Also see tables 5A and 5B.



Table 4.—Selected Statistics for Manufacturing Establishments, Classified by Employment Size,  
for the United States: 1958

(For explanation of line captions see Introduction. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other size classes. A (D) appears in the column where the figure has been omitted and the combined figure is underlined and shown in the size-class to the left)

Ind. code	Industry and item	All establish- ments, total	Establishments with an average of—									
			1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000- 2,499 employees	2,500 employees and over
2891	Glue and gelatin:											
	Number of establishments.....	274	89	50	42	55	20	13	4	1	...	...
	All employees:											
	Number.....	7,890	204	325	567	1,717	1,359	1,987	<u>1,731</u>	(D)	...	...
	Payroll.....\$1,000..	42,146	856	1,787	3,653	9,610	6,453	10,405	<u>9,382</u>	(D)	...	...
	Value added, adjusted..do....	106,583	2,449	4,480	8,706	22,002	18,105	26,155	<u>24,486</u>	(D)	...	...
	Value of shipments.....do....	245,205	6,205	11,069	20,588	58,837	40,382	59,598	<u>48,526</u>	(D)	...	...
	Capital expend., new...do....	8,077	( <sup>1</sup> )	( <sup>1</sup> )	659	1,632	764	1,781	<u>2,895</u>	(D)	...	...
2892	Explosives:											
	Number of establishments.....	77	11	4	4	12	11	16	11	6	2	...
	All employees:											
	Number.....	14,971	15	27	53	409	824	2,859	3,815	<u>6,969</u>	(D)	...
	Payroll.....\$1,000..	79,597	56	44	294	2,012	3,833	14,577	20,924	<u>37,857</u>	(D)	...
	Value added, adjusted..do....	131,646	200	283	361	4,069	7,541	29,121	39,471	<u>50,600</u>	(D)	...
	Value of shipments.....do....	228,614	494	387	1,160	8,985	16,840	52,939	69,175	<u>78,634</u>	(D)	...
	Capital expend., new...do....	9,346	( <sup>1</sup> )	...	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3,503	4,428	<u>768</u>	(D)	...
2893	Printing ink:											
	Number of establishments.....	302	72	76	60	55	25	10	4	...	...	...
	All employees:											
	Number.....	7,960	178	514	824	1,684	1,819	1,632	1,309	...	...	...
	Payroll.....\$1,000..	45,069	1,273	2,778	4,361	9,812	11,507	8,059	7,279	...	...	...
	Value added, adjusted..do....	108,803	3,092	6,725	9,399	21,184	21,069	31,110	16,224	...	...	...
	Value of shipments.....do....	228,141	6,914	14,406	19,542	44,198	43,889	65,440	33,752	...	...	...
	Capital expend., new...do....	4,817	( <sup>1</sup> )	( <sup>1</sup> )	1,851	795	500	550	624	...	...	...
2894	Fatty acids:											
	Number of establishments.....	12	...	...	...	1	4	6	1	...	...	...
	All employees:											
	Number.....	1,558	...	...	...	336	(D)	1,222	(D)	...	...	...
	Payroll.....\$1,000..	9,793	...	...	...	<u>1,925</u>	(D)	<u>7,868</u>	(D)	...	...	...
	Value added, adjusted..do....	20,594	...	...	...	<u>3,276</u>	(D)	<u>17,318</u>	(D)	...	...	...
	Value of shipments.....do....	66,740	...	...	...	<u>11,839</u>	(D)	<u>54,901</u>	(D)	...	...	...
	Capital expend., new...do....	3,490	...	...	...	<u>887</u>	(D)	<u>2,603</u>	(D)	...	...	...
2895	Carbon black:											
	Number of establishments.....	36	...	2	2	9	11	11	1	...	...	...
	All employees:											
	Number.....	3,162	...	390	(D)	(D)	846	1,926	(D)	...	...	...
	Payroll.....\$1,000..	18,606	...	<u>2,314</u>	(D)	(D)	4,976	<u>11,316</u>	(D)	...	...	...
	Value added, adjusted..do....	72,641	...	<u>10,149</u>	(D)	(D)	18,776	<u>43,716</u>	(D)	...	...	...
	Value of shipments.....do....	119,271	...	<u>17,104</u>	(D)	(D)	30,774	<u>71,393</u>	(D)	...	...	...
	Capital expend., new...do....	4,612	...	<u>871</u>	...	(D)	(D)	<u>3,741</u>	(D)	...	...	...
2899	Chemical preparations, nec:											
	Number of establishments.....	1,286	671	233	165	126	39	39	7	6	...	...
	All employees:											
	Number.....	24,727	1,395	1,570	2,216	3,839	2,689	6,547	2,548	3,923	...	...
	Payroll.....\$1,000..	131,810	5,445	7,743	11,308	21,321	13,744	34,539	13,452	24,258	...	...
	Value added, adjusted..do....	364,397	14,153	19,024	31,063	51,517	48,026	93,554	40,187	66,873	...	...
	Value of shipments.....do....	703,325	31,681	38,726	60,063	122,470	87,097	175,663	61,484	126,141	...	...
	Capital expend., new...do....	23,500	788	1,126	5,156	2,006	1,652	5,430	3,287	4,055	...	...

Note: Detailed figures may not add to the totals because of independent rounding.

<sup>1</sup>Less than \$500 thousand.

**Table 5A.—Industry Product Analysis; Summary of Industry and Primary Product Shipments,  
Specialization Ratios and Coverage Ratios for the United States: 1958 and 1954**

(An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.)

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio <sup>1</sup>	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio <sup>2</sup>
		(\$1,000) (A)	(\$1,000) (B)	(\$1,000) (C)	(\$1,000) (D)	Col. B Col. B+C (percent) (E)	(\$1,000) (F)	(\$1,000) (G)	(\$1,000) (H)	Col. G Col. F (percent) (I)
2891	Glue and gelating.....1958..	245,205	201,967	133,114	110,124	86	288,052	201,967	86,085	70
2892	Explosives.....1958..	228,614	161,132	6,306	61,176	96	169,699	161,132	8,567	95
	.....1954..	395,276	167,420	9,204	218,652	95	183,680	167,420	16,260	91
2893	Printing ink.....1958..	228,141	205,552	16,649	5,940	93	214,115	205,552	8,563	96
	.....1954..	183,552	163,001	17,599	2,952	90	172,434	163,001	9,433	95
2894	Fatty acids.....1958..	66,740	43,791	19,841	3,108	69	67,599	43,791	23,808	65
	.....1954..	60,784	37,952	18,025	4,807	68	52,271	37,952	14,319	73
2895	Carbon black.....1958..	119,271	118,879	...	392	100	118,879	118,879	...	100
2899	Chemical preparations, nec.....1958..	703,325	557,796	72,639	72,890	88	711,483	557,796	153,687	78

<sup>1</sup>Revised.

<sup>1</sup>The specialization ratio compares the given industry's shipments of its primary products to its total shipments of all products. (The primary products are listed in tables 5B and 6A; the first four digits of the product code represent the industry code to which the product is primary.)

<sup>2</sup>The coverage ratio measures the extent to which the total shipments of products primary to the given industry are shipped by establishments classified in that industry.

<sup>3</sup>Includes estimated value of explosives produced in Government-owned, privately operated plants.



Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry, for the United States: 1958

(In thousands of dollars. The first column shows the total value of shipments of the specified industry divided among: (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous receipts. The value in shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed. The last column shows the total value of shipments of the primary products of the industry by all manufacturing industries)

Prod. class code	Glue and gelatin industry	Glue and gelatin (SIC 2891)	Other industries	All industries
	Total shipments and receipts of the industry.....	245,205	xxx	xxx
2891-	Glue and gelatin.....	201,967	86,085	288,052
28911	Glues, adhesives, and sizes.....	161,200	273,340	234,540
28912	Gelatin, except ready-to-eat desserts.....	39,235	212,745	51,980
28910	Glue and gelatin, nsk.....	1,532	...	1,532
	Other products.....	33,114	xxx	xxx
20941	Grease and inedible tallow.....	5,864	xxx	xxx
20942	Feed fertilizer byproducts.....	3,107	xxx	xxx
2819-	Inorganic chemicals, nec.....	2,402	xxx	xxx
28213	Synthetic resins (excluding resins for protective coatings).....	2,472	xxx	xxx
28612	Other gum and wood chemicals.....	2,658	xxx	xxx
28993	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec.....	2,824	xxx	xxx
	Other secondary products.....	13,787	xxx	xxx
	Miscellaneous receipts.....	10,124	xxx	xxx
99989	Resales.....	7,452	xxx	xxx
99000	Contract work.....	116	xxx	xxx
99980	Other miscellaneous receipts.....	2,556	xxx	xxx
Prod. class code	Explosives industry	Explosives (SIC 2892)	Other industries	All industries
	Total shipments and receipts of the industry.....	228,614	xxx	xxx
2892-	Explosives.....	161,132	38,567	169,699
	Other products.....	6,306	xxx	xxx
2819-	Inorganic chemicals, nec.....	5,963	xxx	xxx
	Other secondary products.....	343	xxx	xxx
	Miscellaneous receipts, including estimated value of explosives produced in government-owned-privately operated plants.....	61,176	xxx	xxx
Prod. class code	Printing ink industry	Printing ink (SIC 2893)	Other industries	All industries
	Total shipments and receipts of the industry.....	228,141	xxx	xxx
2893-	Printing ink.....	205,552	48,563	214,115
	Other products.....	16,649	xxx	xxx
2815-	Intermediate coal tar products.....	2,879	xxx	xxx
28512	Industrial product finishes and special coatings.....	6,471	xxx	xxx
28514	Miscellaneous paint products.....	3,870	xxx	xxx
	Other secondary products.....	3,429	xxx	xxx
	Miscellaneous receipts.....	5,940	xxx	xxx
	Resales.....	4,509	xxx	xxx
	Other receipts.....	1,431	xxx	xxx
Prod. class code	Fatty acids industry	Fatty acids (SIC 2894)	Other industries	All industries
	Total shipments and receipts of the industry.....	66,740	xxx	xxx
2894-	Fatty acids.....	43,791	23,808	67,599
	Other products.....	19,841	xxx	xxx
20950	Animal and marine oil mill products, including foots.....	2,559	xxx	xxx
2818-	Organic chemicals, nec.....	6,939	xxx	xxx
28414	Glycerin.....	4,999	xxx	xxx
	Other secondary products.....	5,344	xxx	xxx
	Miscellaneous receipts.....	3,108	xxx	xxx
Prod. class code	Carbon black industry	Carbon black (SIC 2895)	Other industries	All industries
	Total shipments and receipts of the industry.....	119,271	xxx	xxx
2895-	Carbon black (channel and furnace process only).....	118,879	...	118,879
	Miscellaneous receipts.....	392	xxx	xxx

See footnotes at end of table.

Table 5B.—Industry-Product Analysis—Shipments by Product Class and Industry,  
for the United States: 1958—Continued

Prod. class code	Chemical preparations, nec, industry	Chemical preparations, nec (SIC 2899)	Other industries	All industries
	Total shipments and receipts of the industry.....	703,325	xxx	xxx
2899-	Chemicals and chemical preparations, nec.....	557,796	153,687	711,483
28991	Salt.....	80,376	6,168	86,544
28993	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec.....	452,270	7145,849	598,119
28990	Chemical preparations, nsk.....	25,150	1,670	26,820
	Other products.....	72,639	xxx	xxx
14760	Rock salt.....	2,889	xxx	xxx
28163	Chrome colors and other inorganic pigments.....	6,886	xxx	xxx
2818-	Organic chemicals, nec.....	12,979	xxx	xxx
28331	Medicinal and botanical drugs, uncompounded, for human use.....	3,770	xxx	xxx
28411	Alkaline detergents and acid-type cleaners.....	5,573	xxx	xxx
2842-	Polishes and sanitation goods.....	2,970	xxx	xxx
28442	Perfumes, toilet water, and colognes.....	5,198	xxx	xxx
29926	Lubricating oils (made from purchased materials).....	4,887	xxx	xxx
	Other secondary products.....	27,487	xxx	xxx
	Miscellaneous receipts.....	72,890	xxx	xxx
93000	Contract work.....	8,479	xxx	xxx
99989	Resales.....	49,662	xxx	xxx
	Other receipts.....	14,749	xxx	xxx

<sup>1</sup>Includes \$4,323 thousand, shipped by establishments classified in Industry 2094, Grease and Tallow; \$3,011 thousand shipped by Industry 2818, Organic Chemicals, NEC; \$3,330 thousand shipped by Industry 2821, Plastics Materials; \$8,990 thousand shipped by Industry 2851, Paints and Varnishes; \$18,826 thousand shipped by Industry 2861, Gum and Wood Chemicals; and \$2,925 thousand shipped by Industry 3069, Fabricated Rubber Products, NEC. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures; Industry 2011, Meat Packing Plants, and Industry 3982, Hard Surface Floor Coverings.

<sup>2</sup>Includes \$3,253 thousand shipped by establishments classified in Industry 2011, Meat Packing Plants, and \$8,949 thousand shipped by Industry 2834, Pharmaceutical Preparations.

<sup>3</sup>Includes \$4,396 thousand shipped by establishments classified in Industry 2818, Organic Chemicals, NEC.

<sup>4</sup>Includes \$3,453 thousand shipped by establishments classified in Industry 2851, Paints and Varnishes, and \$3,247 thousand shipped by establishments classified in Industry 3579, Office Machines, NEC.

<sup>5</sup>Includes \$2,902 thousand shipped by establishments classified in Industry 2841, Soap and Other Detergents, and \$6,534 thousand shipped by establishments classified in Industry 2861, Gum and Wood Chemicals.

<sup>6</sup>Includes the following product class which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: 28430, Surface active and finishing agents.

<sup>7</sup>Includes \$5,592 thousand shipped by establishments classified in Industry 2037, Frozen Fruits and Vegetables; \$3,274 thousand shipped by Industry 2096, Shortening and Cooking Oils; \$38,704 thousand shipped by Industry 2818, Organic Chemicals, NEC; \$3,325 thousand shipped by Industry 2819, Inorganic Chemicals, NEC; \$4,593 thousand shipped by Industry 2821, Plastics Materials; \$4,800 thousand shipped by Industry 2841, Soap and Other Detergents; \$12,286 thousand shipped by Industry 2842, Polishes and Sanitation Goods; \$3,951 thousand shipped by Industry 2851, Paints and Varnishes; \$5,641 thousand shipped by Industry 2873, Agricultural Pesticides; \$2,824 thousand shipped by Industry 2891, Glue and Gelatin; \$3,455 thousand shipped by Industry 2911, Petroleum Refining; \$9,162 thousand shipped by Industry 2992, Lubricating Oils and Greases; \$2,449 thousand shipped by Industry 3069, Fabricated Rubber Products, NEC; \$5,172 thousand shipped by Industry 3461, Metal Stampings; \$4,180 thousand shipped by Industry 3579, Office Machines, NEC, and \$2,788 thousand shipped by Industry 3951, Pens and Mechanical Pencils.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954

Product code	Product	1958			1954		
		Production for all purposes (1,000 lbs.)	Total shipments including inter-plant transfers		Production for all purposes (1,000 lbs.)	Total shipments including inter-plant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)		Quantity (1,000 lbs.)	Value (\$1,000)
2891---	Glue and gelatin, total.....	xxx	xxx	288,052	xxx	xxx	218,929
28911	Glues, adhesives and sizes.....	xxx	xxx	234,540	xxx	xxx	174,788
	Animal glue (dry forms):						
2891111	Hide.....	52,363	51,721	13,188	52,384	46,035	13,261
2891113	Extracted bone.....	14,676	13,724	2,091	14,031	15,116	2,707
2891115	Green bone.....	41,860	40,396	7,372	42,825	45,151	7,631
2891121	Flexible and nonwarp glue.....	37,745	37,342	6,819	27,855	27,748	5,446
2891151	Liquid glue (not glue stock).....	11,846	11,794	2,506	13,577	13,251	4,208
	Protein adhesives:						
2891141	Casein adhesives.....	35,126	34,289	4,997	4,726	4,753	1,104
2891145	Other (including blood, albumen, soybean, etc.).....	94,057	92,380	10,260	52,368	51,727	6,187
	Vegetable adhesives:						
2891151	Dextrines.....	152,522	150,163	15,597	180,279	177,159	20,003
2891155	Starches.....	47,832	47,291	5,194	64,540	64,226	6,770
	Other adhesives, glues, and cements:						
	Lacquer base adhesives:						
2891161	Nitro cellulose types (collodion and pyroxylin).....	4,257	4,257	1,326	9,534	9,582	4,075
2891165	Other.....	3,405	3,422	921	3,840	3,835	802
2891171	Synthetic resin adhesives made from purchased resins (including all types of bonding and laminating adhesives) <sup>1</sup> ....	237,560	233,386	49,842	147,552	146,053	24,496
2891173	Rubber and synthetic resin combinations.....	78,406	77,483	19,173	xxx	xxx	( <sup>2</sup> )
2891175	Adhesives made from natural gums and resins, except rubber....	23,468	22,944	4,900	25,779	25,415	3,332
2891177	Mucilage.....	(NA)	(NA)	937	12,173	12,161	1,942
2891179	Other formulated and prepared adhesives other than rubber cement.....	149,770	150,053	16,802	76,599	77,836	13,938
2891183	Cements (furnace, porcelain, etc., other than rubber cement)..<	39,493	39,363	5,795	127,297	120,960	11,758
	Sizes:						
2891195	Rosin sizes.....	537,193	516,666	45,389	393,294	394,503	31,170
2891198	Other, including dextrin sizes.....	105,068	104,633	13,145	56,130	54,511	7,535
2891100	Glues and adhesives, nsk.....	xxx	xxx	8,286	xxx	xxx	8,423
28912--	Gelatin, except ready-to-eat desserts.....	xxx	xxx	51,980	xxx	xxx	43,926
2891211	Edible grade (excluding pharmaceutical and photographic).....	42,032	42,670	29,258	35,317	34,187	22,472
2891231	Pharmaceutical grade.....	3,676	3,836	3,045	3,527	3,608	2,587
2891251	Photographic grade.....	8,709	6,892	8,183	9,065	7,305	8,308
2891271	Technical (inedible) grade.....	2,483	1,822	700	2,295	2,074	813
2891298	Other products <sup>2</sup> .....	xxx	xxx	10,794	xxx	xxx	9,746
2891000	Glue and gelatin, nsk.....	xxx	xxx	1,532	xxx	xxx	215
Total shipments including interplant transfers							
		1958		1954			
		Quantity (1,000 lbs.)	Value (\$1,000)	Quantity (1,000 lbs.)	Value (\$1,000)		
2892---	Explosives, total <sup>4</sup> .....	xxx	169,699	xxx	183,680		
	Industrial explosives:						
2892011	Black blasting powder.....	(NA)	1,526	12,205	1,884		
2892013	Permissibles.....	83,889	14,706	71,688	11,217		
2892015	High explosives, excluding ammonium nitrate used as field mix..<	606,954	97,038	642,694	102,096		
2892027	Other industrial explosives including shaped charges <sup>5</sup> .....	xxx	4,338	25,344	7,949		
	Propellants:						
2892031	Smokeless powder.....	8,525	7,418	16,987	14,201		
2892035	Other propellants, including black gun powder.....	xxx	217	...	1,836		
	Blasting accessories:						
2892041	Safety fuse.....	(1,000 units)	( <sup>6</sup> )	(1,000 units)	( <sup>6</sup> )		
	Detonators:						
2892043	Blasting caps, electric, delay.....	43,427	11,184	30,448	} 23,331		
2892045	Blasting caps, electric, except delay.....	62,052	14,017	96,881			
2892047	Blasting caps, except electric.....	69,024	1,301	103,547			
2892051	Detonating fuse.....	(1,000 feet)	<sup>6</sup> 491,956	<sup>6</sup> 521,511	<sup>6</sup> 6,375		
2892061	Other blasting accessories <sup>7</sup> .....	xxx	6,523	xxx	4,424		
2892071	Other explosives, except industrial <sup>8</sup> .....	xxx	4,631	xxx	8,654		

See footnotes at end of table.

Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954		
			Total production (quantity)	Total shipments including inter-plant transfers		Total production (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2893---	Printing ink, total.....	.....	xxx	xxx	<sup>9</sup> 214,115	xxx	xxx	<sup>9</sup> 172,434
	Letterpress inks:							
2893011	News inks.....	1,000 lbs.	270,233	268,659	20,000	231,234	224,887	23,918
2893013	Book and magazine (publication) inks.....	...do....	61,680	60,978	36,912	70,460	67,976	29,598
2893015	Container and label inks.....	...do....	48,169	47,701	33,447	41,458	41,580	31,673
2893019	Other letterpress inks.....	...do....	12,355	12,275	10,486	19,803	19,576	13,837
2893031	Lithographic and offset inks.....	...do....	31,138	30,815	41,708	25,938	25,316	27,970
	Gravure inks:							
2893041	Container and label inks.....	...do....	39,249	37,277	16,362	90,839	89,629	18,512
2893049	Other gravure inks.....	...do....	56,901	56,248	9,540			
2893071	Textile printing inks.....	...do....	19,247	19,267	12,051	17,371	17,215	10,402
2893081	Flexographic inks.....	...do....	27,728	27,321	18,738	14,106	14,176	9,320
2893098	Other printing inks (including silk screen and stencil inks).....	...do....	17,392	17,201	9,608			
2893000	Printing inks, nsk.....	.....	xxx	xxx	5,263	xxx	xxx	7,204
Total shipments including interplant transfers								
			1958		1954			
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		
2894---	Fatty acids, total.....	.....	xxx	67,599	xxx	<sup>10</sup> 52,271		
2894011	Stearic acid (40-50% stearic content) types commercially designated as single, double, or triple pressed.....	1,000 lbs.	49,979	8,052	56,726	6,918		
2894021	Other stearic acids (over 50% stearic content), high palmetic (over 60% palmetic), hydrogenated animal and vegetable fatty acids.....	...do....	111,310	15,594 <sup>(11)</sup>	73,134	8,316		
2894032	Fish and marine mammal fatty acids.....	...do....	xxx		14,832	2,618		
2894051	Coconut-type fatty acids including coconut, babassu and palm kernel, and such fractionated fatty acids as lauric caprylic, capric, and myristic.....	...do....	61,966	13,248	32,653	8,395		
2894061	Oleic acid, including white oleic and red oil.....	...do....	59,753	8,911	85,292	11,986		
2894071	Unsaturated animal fatty acids (unhydrogenated), other than oleic.....	...do....	xxx	<sup>11</sup> 4,046	31,621	2,646		
2894081	Unsaturated vegetable fatty acids (unhydrogenated)....	...do....	53,440	8,940	89,623	10,554		
2894091	Tall oil fatty acids (containing 90% or more free fatty acids, excluding rosin acids).....	...do....	94,386	8,808	(NA)	(NA)		
2894000	Fatty acids, nsk.....	.....	...	...	xxx	838		
			1958		1954			
			Production for all purposes (quantity)	Total shipments including inter-plant transfers		Production for all purposes (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2895---	Carbon black, total.....	1,000 lbs.	1,645,315	1,676,648	118,879	1,442,926	1,484,640	*99,446
2895011	Carbon black (channel and furnace processes only) <sup>12</sup> ..	...do....	1,645,315	1,676,648	118,879	1,442,926	1,484,640	99,446
2899---	Chemicals and chemical preparations, nec, total.....	.....	xxx	xxx	711,483	xxx	xxx	*491,439
2899111	Salt.....	1,000 short tons	xxx	<sup>13</sup> 3,815	<sup>13</sup> 86,544	<sup>13</sup> 3,905	<sup>13</sup> 3,906	<sup>13</sup> 71,636
28993--	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec.....	.....	xxx	xxx	598,119	xxx	xxx	*410,581
	Natural essential oils:							
	Citrus oils:							
2899311	Orange.....	1,000 lbs.	xxx	3,133	3,153	2,744	2,658	8,758
2899312	Lemon.....	...do....	xxx	1,601	5,884			
2899313	Other.....	...do....	xxx	704	737			
2899315	Peppermint oils.....	.....	xxx	xxx	<sup>14</sup> 27,382	xxx	xxx	<sup>14</sup> 5,860
2899319	Other natural essential oils.....	.....						
2899329	Fireworks and pyrotechnics.....	.....	xxx	xxx	14,134	xxx	xxx	20,537
	Automotive chemicals:							
	Antifreeze preparations:							
2899335	Permanent type <sup>15</sup> .....	.....	xxx	xxx	76,841	xxx	xxx	34,568
2899336	Other.....	.....						
2899337	Other automotive chemicals.....	.....						

See footnotes at end of table.



Table 6A.—Quantity and Value of Products Shipped by All Manufacturing Establishments,  
for the United States: 1958 and 1954—Continued

Product code	Product	Unit of measure	1958			1954		
			Production for all purposes (quantity)	Total shipments including inter-plant transfers		Production for all purposes (quantity)	Total shipments including inter-plant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2899--	Chemicals and chemical preparations, nec--Continued							
28993--	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec--Continued							
2899339	Concrete curing and floor hardening materials.....	1,000 lbs.	70,999	72,234	7,339	52,532	53,557	5,591
2899341	Drilling mud materials, mud thinners, thickeners, and purifiers.....	...do.....	128,183	127,666	6,976	121,234	121,281	10,160
2899342	Fluxes (brazing, soldering, and welding).....	.....	xxx	xxx	2,220	xxx	xxx	5,043
2899349	Foundry supplies, chemical.....	.....	xxx	xxx	17,986	xxx	xxx	18,808
2899353	Household tints and dyes.....	1,000 lbs.	6,317	6,156	8,091	5,710	5,955	8,048
2899355	Insulation products (heat, electrical, etc.).....	.....	xxx	xxx	8,831	xxx	xxx	3,610
2899359	Metal-treating compounds (nonoil base) for nitriding, pickling, drawing, and cutting.....	.....	xxx	xxx	43,568	xxx	xxx	25,999
2899361	Oil treating compounds (nonoil base).....	.....	xxx	xxx	59,920	xxx	xxx	49,077
2899363	Plastic wood preparations.....	1,000 lbs.	xxx	xxx	251	3,450	3,329	2,698
2899372	Fluid inks (writing and stamp pad ink, including indelible ink and marking fluid) (excluding drawing ink).....	.....	xxx	xxx	9,322	xxx	xxx	7,580
	Water treating compounds:							
2899377	Boiler compounds.....	1,000 lbs.	139,220	139,974	26,481	144,625	141,448	22,804
2899379	Other water softening compounds.....	...do.....	(NA)	(NA)	19,170	71,252	70,869	12,417
2899381	Water proofing compounds (electrical, leather, masonry, textile, etc.).....	.....	xxx	xxx	10,798	(NA)	(NA)	7,719
2899385	Other industrial chemical specialties.....	.....	xxx	xxx	180,549	xxx	xxx	108,293
2899387	Vitreous enamel (Frit).....	1,000 lbs.	197,764	173,094	26,512	(NA)	(NA)	23,031
2899300	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec, nsk.....	.....	xxx	xxx	41,974	xxx	xxx	27,621
2899000	Chemicals and chemical preparations, nec, nsk.....	.....	xxx	xxx	26,820	xxx	xxx	9,222

\*Revised.

NA Not available.      †Revised.

<sup>1</sup>See Industry 2821, Plastics Materials, for additional figures on synthetic resins for adhesives.<sup>2</sup>Includes information principally for unfilled capsules and gelatin sheets for theatrical use.<sup>3</sup>Figures were not reported separately in 1954 but were included in Product code 2891171, Synthetic resin adhesives, or in Industry 3069, Fabricated Rubber Products, NEC, Product codes 3069864 or 3069865, Rubber cements.<sup>4</sup>The estimated value of explosives produced in Government-owned plants operated by private firms was included with miscellaneous receipts and was excluded from this table. The total value of miscellaneous receipts in the Explosives Industry was \$61 million in 1958 and \$219 million in 1954.<sup>5</sup>Includes liquid oxygen and fuse powder.<sup>6</sup>Product code 2892041 combined with code 2892051.<sup>7</sup>Includes oil well shaped charges, rivets, lead wire, boosters, squibs, etc.<sup>8</sup>Includes military detonators, jet starters, fuse and explosive assemblies, etc.<sup>9</sup>Value of interplant transfers for 1958 amounted to less than 5 percent of total and less than 10 percent for any one product. For 1954 interplant transfers amounted to less than 5 percent of total and did not exceed 15 percent for any one product.<sup>10</sup>Excludes tall oil fatty acids, data for which were included in Industry 2611, in 1954.<sup>11</sup>Product code 2894032 combined with code 2894071 for 1958 to avoid disclosing figures for individual companies.<sup>12</sup>For 1958, the United States Bureau of Mines reported that 1,644,605,000 pounds of carbon black were produced; 324,743,000 by the contact process, and 1,319,862,000 by the furnace process. The corresponding 1954 figures are 378,741,000 pounds by contact process and 1,030,806,000 pounds by the furnace process. For additional detail see Minerals Yearbook (Bureau of Mines).<sup>13</sup>Includes for 1958 between 90 and 100 thousand tons of evaporated salt valued at less than \$5 million shipped by establishments classified in the Mineral Industries. The 1954 figures, however, exclude 157 thousand short tons valued at \$4,812 thousand produced and shipped by the Mineral Industries.<sup>14</sup>Includes \$3,378 thousand for 1958, and \$929 thousand for 1954, of Natural essential oils, nsk.<sup>15</sup>Excludes unspecified amounts classified as product code 2818211, Acyclic chemicals.<sup>16</sup>Excludes core oils which were classified as primary to Industry 2992, Lubricating Oils and Greases, in 1954.

Table 6B.—Value of Product Classes Shipped by All Manufacturing Establishments, by Divisions and States for 1958 and 1954, and United States Totals for Selected Years

(In thousands of dollars. Statistics are shown for selected product classes which are economically significant and production of which is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1)

Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments	Product class, region, and State	Value of shipments
<u>Glues, adhesives and sizes (28911):</u>	1958 <sup>1</sup>	<u>Salt (28991):</u>		<u>Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec (28993)--Continued</u>	1958 <sup>1</sup>
United States, total.....	234,540	United States, total:			
New England.....	19,710	1958.....	86,544	Middle Atlantic.....	149,984
Massachusetts.....	17,595	1957.....	84,309	New York.....	51,260
Connecticut.....	1,305	1956.....	81,006	New Jersey.....	62,403
Middle Atlantic.....	64,084	1955.....	77,522	Pennsylvania.....	36,321
New York.....	29,325	1954.....	71,636	East North Central.....	195,397
New Jersey.....	18,173	1947.....	46,570	Ohio.....	70,835
Pennsylvania.....	16,586			Indiana.....	21,718
East North Central.....	57,217	Middle Atlantic.....	16,468	Illinois.....	58,001
Ohio.....	9,288	New York.....	16,468	Michigan.....	37,018
Indiana.....	4,432	East North Central.....	35,727	Wisconsin.....	7,825
Illinois.....	28,869	Michigan.....	20,546	West North Central.....	80,767
Michigan.....	6,936	West North Central.....	10,320	Minnesota.....	58,288
Wisconsin.....	7,692	Kansas.....	10,320	Iowa.....	4,025
West North Central.....	9,041	South.....	10,597	Missouri.....	17,415
Minnesota.....	3,002	Louisiana.....	5,333	South Atlantic.....	45,531
Missouri.....	3,677	West.....	13,432	Maryland.....	14,911
Kansas.....	1,171			Virginia.....	1,287
South Atlantic.....	33,606	<u>Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, nec (28993):</u>	Value of shipments	North Carolina.....	3,975
Maryland.....	1,129	United States, total.....	1958 <sup>1</sup>	Georgia.....	3,016
Virginia.....	1,164		598,119	Florida.....	3,128
North Carolina.....	2,954	New England.....	20,274	East South Central.....	15,662
Georgia.....	26,555	Massachusetts.....	7,700	West South Central.....	46,512
East South Central.....	13,482	Rhode Island.....	1,701	Louisiana.....	5,996
West South Central.....	5,071	Connecticut.....	7,782	Texas.....	38,884
West.....	32,329			West.....	43,992
Oregon.....	10,842			California.....	39,073
California.....	14,556				

Note: The figures shown for 1955-1957 are sample estimates from the Annual Survey of Manufactures for these years. Since the estimates are based on a sample, they are subject to sampling variability, that is, they are not the same as figures which would have been obtained if complete censuses had been taken for those years. Measures of the sampling variability (standard errors) of the estimated total value of shipments of each product class are shown in the Annual Survey of Manufactures publications. Also shown are the standard errors of relative change in shipments between some consecutive Annual Survey years which are the more significant measures when the series is studied for trend.

<sup>1</sup>For the specified product classes shipments of over \$1 million were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28911, Nebraska, Tennessee, Alabama, Mississippi, Louisiana, Texas, and Washington; 28991, Ohio, Texas, and California; 28993, Maine, West Virginia, South Carolina, Tennessee, Alabama, Oklahoma, and Washington.



Table 7.—Materials Consumed, by Kind: 1958 and 1954

Code	Description of materials	Basis	Unit of measure	1958			
				Total consumption of materials  (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant  (quantity)
					Quantity	Delivered cost (\$1,000)	
INDUSTRY 2892—EXPLOSIVES							
	Materials, containers and supplies, total.....			xxx	xxx	84,385	xxx
281931	Ammonia, synthetic anhydrous.....	100% NH <sub>3</sub> ...	Short tons..	(D)	64,666	5,853	(D)
281937	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub> ...	do.....	183,438	93,168	5,869	90,270
261131	Cotton pulp.....	Air dry.....	do.....	(D)	(D)	( <sup>1</sup> )	xxx
284111	Glycerin.....	100%.....	1,000 lbs..	11,604	11,604	3,321	xxx
281929	Mixed acid (sulfuric and nitric).....		Short tons..	55,262	25,131	1,587	30,131
281925	Nitric acid.....	100% HNO <sub>3</sub> ...	do.....	<sup>r</sup> 135,845	12,532	1,132	<sup>r</sup> 123,313
281111	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ..	do.....	87,720	43,952	1,075	43,768
261115	Wood pulp (excluding wood flour).....	Air dry.....	do.....	(D)	(D)	( <sup>1</sup> )	xxx
	Containers:						
240011	Wood.....			xxx	xxx	1,390	xxx
260091	Paper and paperboard.....			xxx	xxx	2,824	xxx
970099	All other materials and components, parts and supplies consumed.....			xxx	xxx	<sup>1</sup> 60,328	xxx
973000	Materials, containers and supplies, nsk.....			xxx	xxx	1,006	xxx
1954							
				Total consumption of materials  (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant  (quantity)
					Quantity	Delivered cost (\$1,000)	
	Materials, containers and supplies, total.....			xxx	xxx	172,978	xxx
281931	Ammonia, synthetic anhydrous.....	100% NH <sub>3</sub> ...	Short tons..	145,822	145,822	14,222	...
281937	Ammonium nitrate.....	100% NH <sub>4</sub> NO <sub>3</sub> ...	do.....	xxx	xxx	( <sup>2</sup> )	xxx
261131	Cotton pulp.....	Air dry.....	do.....	16,964	16,964	4,000	...
284111	Glycerin.....	100%.....	1,000 lbs..	23,206	23,206	7,068	...
281929	Mixed acid (sulfuric and nitric).....		Short tons..	xxx	xxx	( <sup>2</sup> )	xxx
281925	Nitric acid.....	100% HNO <sub>3</sub> ...	do.....	429,307	27,260	2,032	402,047
281111	Sulfuric acid, except spent acid.....	100% H <sub>2</sub> SO <sub>4</sub> ..	do.....	365,824	92,990	2,116	272,834
261115	Wood pulp (excluding wood flour).....	Air dry.....	do.....	33,139	33,139	5,234	...
	Containers:						
240011	Wood.....			xxx	xxx	( <sup>2</sup> )	xxx
260091	Paper and paperboard.....			xxx	xxx	( <sup>2</sup> )	xxx
970099	All other materials and components, parts and supplies consumed.....			xxx	xxx	<sup>2</sup> 138,098	xxx
973000	Materials, containers and supplies, nsk.....			xxx	xxx	xxx	xxx

Code	Description of materials	Unit of measure	1958	
			Quantity	Delivered cost (\$1,000)
INDUSTRY 2895—CARBON BLACK				
	Materials, containers and supplies, total.....		xxx	43,109
131311	Natural gas (used as a raw material).....	Million cu. ft..	202,735	17,069
291131	Fuel oil used as raw material.....	42 gallon barrel	5,855,350	16,943
970099	All other materials and components, parts, containers and supplies.....		xxx	9,097

NA Not available. <sup>r</sup>Revised.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Withheld to avoid disclosing figures for individual companies. Dollar figures included in code 970099 "All other materials and components, parts and supplies.<sup>2</sup>Included in material code 970099, "All other materials and components, parts and supplies consumed.

Table 8.—General Statistics for Manufacturing Establishments, Classified by Industry Specialization and Primary Product Class Specialization, for the United States: 1958

(This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are: (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishment; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for the establishment. See *Introduction* for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data)

Industry or product class code	Industry or product class by percent of specialization	Establishments, number	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)				
2891	GLUE AND GELATIN (entire industry).....	274	7,890	42,146	5,166	10,563	23,878	106,383	139,251	245,205	8,077
	Establishments with:										
	90% or more specialization.....	208	4,208	22,497	2,505	5,062	11,432	55,416	79,779	135,235	3,604
	75-89% specialization.....	23	1,814	9,835	1,439	2,873	6,965	24,183	25,447	49,488	2,626
28911	Glues, adhesives, and sizes (primary product class of estab.).....	245	6,201	32,549	3,861	7,926	17,026	84,627	117,322	201,070	6,197
	Establishments with:										
	90% or more specialization....	182	3,308	17,613	1,816	3,711	8,026	42,838	66,006	108,243	2,937
	75-89% specialization.....	20	865	4,575	643	1,249	2,891	13,247	15,913	29,374	930
28912	Gelatin, except ready-to-eat desserts (primary product class of estab.).....	14	1,601	9,161	1,231	2,479	6,500	20,880	20,753	42,068	1,880
2894	FATTY ACIDS (entire industry).....	12	1,558	9,793	972	2,141	5,796	20,594	45,183	66,740	3,490
	Establishments with:										
	90% or more specialization.....	4	354	2,068	246	593	1,356	4,032	7,973	11,897	1,009
	75-89% specialization.....	5	450	3,042	264	554	1,488	4,963	11,128	16,375	551
2899	CHEMICAL PREPARATIONS, NEC (entire industry).....	1,286	24,727	131,810	15,522	30,120	67,270	364,397	338,361	703,325	23,500
	Establishments with:										
	90% or more specialization.....	1,085	17,166	91,905	10,855	20,973	48,098	273,146	219,232	492,429	19,823
	75-89% specialization.....	55	1,423	7,832	807	1,611	3,378	24,630	33,015	57,272	1,084
28991	Salt (primary product class of estab.).....	36	4,113	19,618	3,411	6,775	15,047	58,822	25,819	84,604	5,347
28993	Essential oils, fireworks, and pyrotechnics, chemicals and chemical preparations, nec (primary product class of estab.).....	946	18,231	101,811	10,413	20,362	45,777	284,627	288,553	573,937	16,518
	Establishments with:										
	90% or more specialization....	781	11,828	66,617	6,649	12,986	29,786	203,436	177,786	381,421	13,361
	75-89% specialization.....	53	1,412	7,679	784	1,587	3,273	25,093	34,227	58,894	1,038

<sup>r</sup> Revised.



## SPECIAL REPORT





## Manufacturing Activity in Government Establishments

This special report presents data for manufacturing activities of selected Government establishments in continental United States. These data are not included in other 1958 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies either for the Government or for their own account are included with privately operated establishments. Three types of establishments are covered in this report: (1) manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other United States Government agencies. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems. Comparable data for 1954, when available, are also shown.

### Manufacturing Facilities Owned by the United States Government and Operated by the Department of Defense

Data are shown in tables 1-3 for manufacturing facilities owned by the United States Government and operated by the Department of Defense. Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing.

This report covers all manufacturing installations operated by the Department of Defense which produce goods or perform manufacturing services for the general supply system of the Department of Defense. It does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries, some machine shops, and box plants).

Statistics are shown in tables 1 and 2 for employment, man-hours, payrolls, and value added by manufacture. Military personnel

are not included in any of the employment, payroll or man-hours data. These data represent only nonmilitary (wage board and graded) employees engaged in the manufacturing activities at the plant. Value added by manufacture represents the total value of shipments (including the value of manufacturing services) less the cost of materials, parts, supplies, etc., actually consumed or put into production during the year, whether purchased during the year, withdrawn from inventories, or received from other Government agencies. For a few establishments, value added by manufacture was partly estimated by the Bureau of the Census after consultation with the Department of Defense, on the basis of related data reported by the establishment.

The value of shipments reflects all of the direct costs incurred by the establishments in manufacturing operations such as labor, raw materials, components, parts, supplies, overhead, etc. For shipyards, value of shipments represents the value of new construction and repair work performed during the year whether or not the vessels were completed by the year end. Generally, individual product statistics are shown in table 3 only for those items with a civilian counterpart. Furthermore, product detail on ordnance and related items is withheld for security reasons on advice of the Bureau of the Budget.

### Prison Industries (Federal, District of Columbia and State)

During 1958 manufactured products valued at \$97,307 thousand were produced in Federal, District of Columbia, and State prisons in the United States. The comparable 1954 figure of \$69,184 thousand also includes the value of products produced for use within the institutions as well as for products transferred to other Governmental agencies or for sale in the open market. These data, shown in detail in table 4, cover the activities of the Federal Prison Industries, Inc., as well as those of the prison industries of each State and the District of Columbia.

Manufacturing Facilities Owned and Operated  
by Other United States Government Agencies

Manufacturing operations of the Bureau of Mines, U. S. Department of Interior, are not included in tables 1 through 4. That agency is the sole producer of helium in the United States. During 1958, it operated 4 plants from which 352 million cubic feet of helium valued at \$5,741 thousand were shipped. The average number of employees totaled 448 of which 300 were production and related workers, and the total wages and salaries paid amounted to \$1,980 thousand. Comparable figures for other years as well as additional detail for

production, shipments, consumption, prices, reserves and activities relating to conservation and technology appear in the Minerals Yearbook, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office and the Tennessee Valley Authority. The operations of these agencies are covered in their Annual Reports. Also excluded are the minor manufacturing activities of such other Government agencies as the Post Office Department and the General Services Administration. The manufacturing activities of these latter agencies have no counterparts in private industry.



Table 1.--Selected General Statistics for Manufacturing Facilities Operated by the Department of Defense, by Divisions and States: 1958 and 1954

Geographic division and State	1958						1954	
	All employees (wage board and graded)		Production workers (wage board)			Value added by manufacture, unadjusted (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)			
UNITED STATES.....	125,440	717,130	93,871	173,833	531,587	799,239	172,884	919,772
New England.....	20,025	113,295	16,198	28,646	91,118	126,254	26,283	126,766
New Hampshire.....	7,390	41,486	5,865	10,219	32,181	42,004	26,283	35,415
Massachusetts.....	12,635	71,809	10,333	18,427	58,937	84,250	18,376	91,351
Middle Atlantic.....	31,252	171,285	24,947	46,783	135,731	199,297	42,154	225,618
New York.....	15,040	87,009	11,286	20,394	65,285	101,297	19,396	112,641
New Jersey.....	1,915	10,595	1,435	2,508	7,940	18,657	3,859	16,036
Pennsylvania.....	14,297	73,681	12,226	23,881	62,506	79,343	18,919	96,941
East North Central.....	4,219	23,607	2,580	4,700	14,796	32,075	12,642	71,462
Indiana.....	185	895	161	337	787	1,983	3,863	23,967
Illinois.....	4,034	22,712	2,419	4,363	14,009	30,092	8,746	47,095
West North Central.....	...	...	...	...	...	...	2,653	11,700
South Atlantic.....	26,555	143,624	19,225	34,245	105,621	151,778	33,972	171,487
Maryland.....	1,263	6,824	875	1,559	4,506	8,199	3,366	14,929
District of Columbia.....	5,266	29,002	2,320	4,194	14,487	29,750	8,732	52,500
Virginia.....	11,880	65,361	9,647	17,240	52,685	69,316	13,474	63,310
South Carolina.....	7,075	37,146	5,534	9,732	29,966	37,222	6,344	31,500
Georgia.....	702	3,338	509	924	2,179	3,338	2,056	9,248
Florida.....	369	1,953	340	596	1,798	3,953	...	...
East South Central.....	7,192	52,047	2,828	5,429	17,312	52,882	2,537	15,250
Kentucky.....	1,737	9,890	860	1,588	5,143	10,382	1,474	8,850
Alabama.....	5,455	42,157	1,968	3,841	12,169	42,500	1,063	6,400
West South Central.....	844	3,978	640	1,305	2,962	5,324	5,874	30,523
Arkansas.....	191	1,023	150	310	835	1,175	2,963	14,750
Oklahoma.....	653	2,955	490	995	2,127	4,149	2,911	19,773
Mountain.....	1,251	6,500	277	550	1,480	6,830	2,747	15,910
Colorado.....	78	449	72	130	414	480	2,051	12,210
Nevada.....	1,173	6,051	205	420	1,066	6,350	295	1,600
Pacific.....	34,102	202,794	27,176	52,175	162,567	224,799	44,022	251,056
Washington.....	10,942	63,375	8,731	15,886	51,167	74,018	14,616	79,571
California.....	23,160	139,421	18,445	36,289	111,400	150,781	29,406	171,485

Table 2.--Selected General Statistics for Manufacturing Facilities Operated by the Department of Defense, by Type of Activity: 1958 and 1954

SIC code	Major activity	1958						1954					
		All employees (wage board and graded)		Production workers (wage board)			Value added by manufac- ture, un- adjusted (\$1,000)	All employees (wage board and graded)		Production workers (wage board)			Value added by manufac- ture, un- adjusted (\$1,000)
		Number	Payroll (\$1,000)	Number	Man- hours (1,000)	Wages (\$1,000)		Number	Payroll (\$1,000)	Number	Man- hours (1,000)	Wages (\$1,000)	
	All manufacturing facilities, total <sup>1</sup> .....	125,440	717,130	93,871	173,833	531,587	799,239	172,884	752,798	138,532	249,545	603,394	919,772
2311	Men's suits, coats, and other clothing.....	2,513	9,515	2,212	4,308	7,937	10,501	2,429	7,671	2,179	3,716	6,350	9,385
3662	Electronic equipment.....	1,915	10,595	1,435	2,508	7,940	18,657	...	...	...	...	...	...
3731	Ship and boat building and repairing.....	91,083	522,649	73,174	135,278	420,944	571,127	109,754	496,031	89,577	156,489	408,631	579,947
3842	Personal safety devices.....	103	636	86	165	526	699	...	...	...	...	...	...
1900	Ordnance.....	29,826	173,735	16,964	31,574	94,240	198,255	56,884	233,966	43,474	83,452	175,881	312,415
-	All other manufacturing <sup>1</sup> .....	...	...	...	...	...	...	3,817	15,130	3,302	5,888	12,532	18,025

<sup>1</sup>For 1954 includes facilities classified in the following industries: coffee roasting; cordage and twine; canvas and other fabricated textile products; explosives; paints, varnishes, lacquers, japans, and enamels; iron and steel forgings; and lighting fixtures.

## MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

Table 3.--Quantity and Value of Products Shipped by Manufacturing Facilities  
Operated by the Department of Defense: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2298111	Abaca rope and cable:					
2298115	3/4 inch diameter and larger.....	1,000 lbs.	2,427	772	3,954	1,118
	Less than 3/4 inch diameter.....	...do....	200	64	1,039	298
2298217	Nylon rope.....	...do....	145	211	...	...
	Men's military uniform apparel:					
2311175	Uniform suits.....	Number...	45,019	1,493	170,570	2,961
2311275	Overcoats.....	...do....	144,872	1,489	21,617	283
2311375	Jackets.....	...do....	179,176	3,492	318,218	4,735
2321412	Shirts.....	Dozen....	99,883	2,898	93,400	3,492
2327151	Trousers.....	Number...	93,526	2,501	80,600	4,084
2352217	Hats and caps.....	Dozen....	50,988	892	(NA)	(1)
2328212	Men's work clothing.....	Number...	27,619	1,279	66,755	2,333
2329112	Men's heavy outerwear coats and jackets.....	...do....	3,021	396	(NA)	(1)
2300000	Other men's apparel, including knit outerwear.....	...	xxx	117	xxx	13,214
2330000	Women's military uniform apparel.....	...	xxx	1,565	...	...
2390000	Other fabricated textile products, such as canvas bags, flags, etc....	...	xxx	570	xxx	4,530
2599098	Metal furniture.....	...	xxx	658	...	...
2813210	Acetylene and oxygen.....	...	xxx	155	...	...
2813430						
	Paints, marine:					
2851218	Ship bottom.....	1,000 gals.	106	421	628	1,406
2851130	Other.....	...do....	500	1,500	3,244	5,860
2892000	Explosives.....	...	xxx	3,182	xxx	25,693
2899329	Pyrotechnics.....	...	xxx	792	...	...
3312201	Steel ingot.....	...	xxx	1,174	...	...
3321000	Gray iron castings <sup>2</sup> .....	...	xxx	1,200	xxx	572
3391000	Iron and steel forgings.....	...	xxx	301	xxx	209
3479031	Galvanizing.....	...	xxx	150	...	...
3662600	Electronic military equipment.....	...	xxx	19,182	...	...
3731000	Shipbuilding and repairing.....	...	xxx	671,650	xxx	780,042
3732000	Boatbuilding and repairing.....	...	xxx	45,949	xxx	11,386
3842311	Respiratory protection equipment.....	...	xxx	496	...	...
3842351	Protective clothing.....	...	xxx	410	xxx	(1)
	All other products <sup>3</sup> .....	...	...	...	xxx	64,271

NA Not available.

xxx Not applicable

<sup>1</sup>For 1954, included with Other men's apparel, including knit outerwear.<sup>2</sup>Excludes castings produced and consumed at the same facility.<sup>3</sup>For 1954 includes the following products: Roasted coffee, ground, \$53,086 thousand; Agave rope and cable 3/4 inch in diameter and larger, \$1,118 thousand; Lighting fixtures, \$1,282 thousand; Other transportation equipment, \$5,323 thousand; and Optical instruments and lenses, \$4,572 thousand.



Table 4.--Quantity and Value of Shipments of Products Manufactured at Federal, District of Columbia, and State Prisons: 1958 and 1954

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1958		1954	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	TOTAL.....		xxx	97,307	xxx	69,184
2010000	Meat and meat products.....		xxx	5,893	xxx	1,389
2020000	Dairy products.....		xxx	1,807	xxx	(NA)
2030000	Canned foods.....		xxx	4,608	xxx	3,689
2032000						
2033000						
2041000	Flour.....		xxx	276	xxx	304
2042000	Prepared animal feeds.....		xxx	1,129	xxx	380
2099000	Coffee and tea.....		xxx	1,171	xxx	1,261
2131000	Tobacco, chewing and smoking.....		xxx	1,067	xxx	800
2211055	Blankets.....		xxx	1,506	xxx	1,419
2213900						
2211000	Woven fabrics.....	1,000 lbs.	14,682	11,277	10,849	7,864
2231000						
2298000	Cordage and twine.....	do.	15,334	2,707	16,328	3,038
2254400	Apparel.....		xxx	12,364	xxx	9,547
2311000						
2322000						
2328000						
2329000	Sheets and pillow cases.....		xxx	948	xxx	773
2211000						
2329000	Canvas specialties.....		xxx	4,309	xxx	922
2394000	Miscellaneous textile products.....		xxx	270	xxx	121
2399000						
2515200	Mattresses.....		xxx	3,369	xxx	1,736
2531000	Wooden furniture.....		xxx	5,364	xxx	4,544
2751000	Printing and binding.....		xxx	2,317	xxx	1,263
2752000						
2761000						
2789000						
2841000	Soaps.....		xxx	2,068	xxx	1,174
2842000						
2851000	Paints.....		xxx	2,006	xxx	1,527
3141000	Shoes.....	1,000 prs.	1,030	5,674	1,173	5,746
3272000	Concrete products.....		xxx	264	xxx	248
3321000	Castings.....		xxx	300	xxx	456
3322000						
3361000						
3362000						
3369000						
3461898	License plates.....	1,000....	94,004	10,899	81,378	7,932
3461898	Highway and road signs.....	do.	1,340	3,693	1,204	2,532
3522000	Farm equipment.....		xxx	913	xxx	643
3499000	Miscellaneous metal products.....		xxx	6,532	xxx	3,265
3599000						
3981000	Brooms and brushes.....		xxx	4,178	xxx	2,741
9000000	Miscellaneous products.....		xxx	398	xxx	13,870

Note: Excludes agricultural products, road building, and other nonmanufacturing activities.

NA Not available.

xxx Not applicable.

<sup>1</sup>Includes the values reported separately in 1954, but for which separate data are not available in 1958, for the following products: Yarns, \$836 thousand; knit goods, \$861 thousand; flax, \$121 thousand; lumber, \$152 thousand; hospital beds, \$225 thousand; paper products, \$293 thousand; brick, \$954 thousand.





## APPENDIXES





# APPENDIX A.—NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

## Part 1.—Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables

(This appendix is intended for use mainly with industry summary tables showing 1954 and 1958 data. Appendixes B and C should also be consulted for this purpose. Described below are elements of noncomparability between the 1954 and 1958 data shown in summary tables for industries and industry groups whose definitions were revised by the new (1957) Standard Industrial Classification, but the revisions were relatively minor. Negligible revisions in industry definitions which did not affect comparability are not listed here. Also omitted are instances where an old SIC industry was split into two or more new industries, or where the only change was the merger of two or more old industries into one new industry. (See Part 2 for a list of such industry splits and consolidations and for industries with the same definition but a different code number under the new SIC.)

Industries 2361 and 2369 illustrate the meaning of this Appendix: the new SIC classifies establishments primarily producing girls' and children's knit outerwear shirts in 2361 and this product was classified in 2369 under the old SIC. Therefore, they are included in the 1954 data for 2369 but in 1958 data for Industry 2361. 1958 employment for these establishments in ALL STATES was 1,438. This appendix shows, for this and other similar cases, the noncomparabilities of this type and the degree of such noncomparability. When the degree of noncomparability was substantial, 1954 figures were not shown in industry summary tables.

These qualifications of the 1954 data apply only to the specific codes next to which they appear. For example, the 1954 total for Major Group 20 excludes establishments primarily producing fats and oils because they were classified in Major Group 28 under the old SIC. However, 1954 data for the individual (4-digit) Fats and Oils Industries are shown in industry summary tables under their new Major Group 20 codes (2091 through 2095) because their definitions were not revised by the new SIC except in one case where two old industries were combined into one new industry)

1954 data include but 1958 exclude establishments				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
20	Synthetic sausage casings.....	30	( <sup>1</sup> )	20	Fats and oils.....	28	32,841
201	Synthetic sausage casings.....	307	( <sup>1</sup> )	201	Canned poultry products.....	203	1,944
					Eggs, liquid, dried, or frozen.....	209	4,490
2013	Synthetic sausage casings.....	3079	( <sup>1</sup> )				
2026 <sup>2</sup>				2026 <sup>2</sup>	Cottage cheese.....	2022	1,854
					Aerated cream, plastic cream, buttermilk, other fermented milk, and flavored milk drinks.....	2025	789
203	Canned poultry products.....	201	1,944	203	Frozen prepared foods such as frozen fruit pies, meat pies, baked goods, complete dinners, etc.; mincemeat.....	209	14,158
22 <sup>3</sup>	Hats, fur-felt, wool-felt, straw; hatter's fur.....	23	10,029	22 <sup>3</sup>	Shrinking and sponging of cloth.....	23	1,723
2231				2231	Shrinking and sponging of cloth.....	2399	1,723
23	Shrinking and sponging of cloth.....	22	1,723	23	Hats, fur-felt, wool-felt, straw; hatter's fur.....	22	10,029
					Parachutes.....	37	1,454
232	Cloth hats and caps.....	235	7,672				
	Hat and cap materials.....	239	623				
2361				2361	Girls' and children's knit outerwear shirts.....	2369	1,438
2369	Girls' and children's knit outerwear shirts.....	2361	1,438				
239	Shrinking and sponging of cloth.....	2231	1,723	239	Hatter's fur.....	2284	612
					Suit and coat findings.....	2312	2,420
					Hat and cap materials.....	2326	623
					Parachutes.....	3729	1,454
242	Veneer.....	243	13,103	242	Hardwood dimension.....	249	3,594
2432	Particle board.....	2499	1,594				
244	Rattan and willow ware products, except furniture.....	249	1,246				
25	Wood window and door screens.....	24	1,200				
	Metal window and door screens; metal weatherstrip.....	34	3,403				
	Laboratory and hospital furniture, except beds.....	38	5,184				
264 265	Printed playing cards and tags.....	275	3,792	264 265	Sanitary napkins and tampons.....	38	3,245
2641				2641	Laminated or coated wrappers, except waxed (rolls and sheets).....	2699	2,257
2651 2652 2653	Vulcanized fiber boxes.....	2655	358	2651 2652 2653	Corrugated paperboard in sheets and rolls, pallets, and other packaging accessories.	2699	1,651

See footnotes at end of table.

# APPENDIX A--NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

## Part 1--Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables--Continued

1954 data include but 1958 exclude establishments				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
2655				2655	Vulcanized fiber boxes.....	2671	358
275 } 276 }				275 } 276 }	Printed playing cards and tags..... Sales books.....	269 278	3,792 2,199
28	Fats and oils.....	20	32,481	28	Fireworks and pyrotechnics.....	39	1,628
29 <sup>4</sup>							
30 <sup>5</sup>				30 <sup>5</sup>	Synthetic sausage casings.....	20	( <sup>1</sup> )
3011				3011	Tire retreading materials (camelback), tire repair materials, tire flaps, and tiring.....	3099	2,149
3069	Tire retreading materials (camelback), tire repair materials, tire flaps, and tiring... Factory rebuilt or retreaded tires.....	3011 67534	2,149 (NA)				
3079				3079	Synthetic sausage casings.....	201	( <sup>1</sup> )
31				31	Jewelry and instrument cases.....	39	6,214
3161	Men's travel kits.....	3172	383	3161	Musical instrument cases.....	3986	474
317	Musical instrument cases.....	3161	474	317	Men's travel kits.....	3161	383
3172	Musical instrument cases.....	3161	474	3172	Men's travel kits.....	3161	383
33 <sup>7</sup>				33 <sup>7</sup>	Plain aluminum foil.....	34	4,504
3312	Seamless pipe from purchased materials....	3317	1,439				
3317				3317	Seamless pipe from purchased materials....	3312	1,439
331 } 339 }	Nonferrous wire and cable.....	335	38,425	331 } 339 }	Nails and spikes.....	348	3,445
34 <sup>8</sup>				34 <sup>8</sup>			
	Plain aluminum foil.....	33	4,504		Metal window and door screens; metal weatherstrip.....	25	3,403
	Commercial cooking and food warming equipment, except electric.....	35	2,838		Heat exchangers and steam condensers.....	35	8,360
	Household ovens and ranges, except electric.....	36	12,810				
	Household water heaters, except electric..	36	8,729				
344				344	Metal windows and door screens; metal weatherstrip.....	256 356	3,403 8,360
					Heat exchangers and steam condensers.....		
35 <sup>9</sup> } 36 }	Automobile, truck, and bus bearings.....	37	4,994	35 <sup>9</sup> } 36 }	Commercial cooking and food warming equipment, except electric.....	34	2,838
	Aircraft and related engine and power take-off gears.....	37	1,935		Household ovens and ranges, except electric.....	34	12,810
	Rebuilt motor vehicle engines and parts, except carburetors.....	37	5,797		Household water heaters, except electric..	34	8,729
	Revolution counters; laboratory scales....	38	2,113		Soda fountain and bar equipment.....	39	976
	Heat exchangers and steam condensers.....	34	8,360		Machine shops engaged exclusively in repair work.....	1076	(NA)
	Pinball and other amusement machines.....	39	3,100				
	Electrical hearing aids.....	38	1,984				
3571	Revolution counters.....	3821	1,727				
3576	Laboratory scales.....	3811	386				
3599	Rebuilt motor vehicle engines and parts, except carburetors.....	3717	5,797	3599	Machine shops engaged exclusively in repair work.....	107699	(NA)
3635	Industrial vacuum cleaners.....	3584	432				
369	Electrical hearing aids.....	384	1,984	364	Connectors for electronic application.....	366	3,979
371	Automobile trailers.....	379	20,734	371	Automobile, truck, and bus bearings.....	356	4,994
					Rebuilt motor vehicle engines and parts, except carburetors.....	359	5,797
3717				3717	Automobile, truck, and bus bearings.....	3566	4,994
					Rebuilt motor vehicle engines and parts, except carburetors.....	3599	5,797
372 <sup>11</sup>	Parachutes.....	239	1,454	372 <sup>11</sup>	Aircraft and related engine and power take-off gears.....	356	1,935
3721 <sup>11</sup>							

See footnotes at end of table.



# APPENDIX A.--NOTES ON COMARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

A-3

## Part 1.--Qualifications of the Comparability of 1954 and 1958 Statistics Shown in Industry Summary Tables--Continued

1954 data include but 1958 exclude establishments				1954 data exclude but 1958 data include establishments			
SIC code	Primarily engaged in manufacture of--	For 1958, such establishments are included in the specified new SIC industry	1958 employment for these establishments in ALL States	SIC code	Primarily engaged in manufacture of--	For 1954, such establishments are included in the specified old SIC industry	1958 employment for these establishments in ALL States
38	Sanitary napkins and tampons.....	26	3,245	38	Laboratory and hospital furniture, except beds.....	25	5,184
					Revolution counters; laboratory scales....	35	2,113
					Electrical hearing aids.....	36	1,984
3821 } 3822 }				3821 } 3822 }	Revolution counters.....	3571	1,727
39 <sup>12</sup> } 19 }	Cork products.....	24	907	39 <sup>12</sup> } 19 }	Pinball and other amusement machines.....	35	3,100
	Fireworks and pyrotechnics.....	28	1,628				
	Jewelry and instrument cases.....	31	6,214				
	Soda fountain and bar equipment.....	35	976				
398 } 399 }	Cork products.....	249	907	398 } 399 }	Pinball and other amusement machines.....	357	3,100
	Fireworks and pyrotechnics.....	289	1,628		Hard-surface floor coverings.....	227	7,999
	Jewelry and instrument cases.....	316	6,214				
	Soda fountain and bar equipment.....	358	976				

NA Not available.

<sup>12</sup>2,500 to 4,999 employees. The exact figure is withheld to avoid disclosure of information for individual companies.

<sup>2</sup>The comparability of the figures for 1954 and 1958 is affected by differences in the coverage of fluid milk bottling, and, therefore, caution should be observed in evaluating the industry growth between the two years. For further explanation, see 1958 Census of Manufactures Industry Report, MC58(2)-20B, pages 2 and 3.

<sup>3</sup>The 1954 total for Major Group 22 has been adjusted to exclude old SIC Industry 2274, "Hard Surfaced Floor Coverings."

<sup>4</sup>The 1954 total for Major Group 29 has been adjusted to exclude old SIC Industries 2931, "Beehive Coke Ovens;" and 2932, "Byproduct Coke Ovens."

<sup>5</sup>The 1954 total for Major Group 30 has been adjusted to include old SIC Industry 3971, "Plastic Products, NEC."

<sup>6</sup>Industry 7534 is a Service Industry, "Tire Repair Shops."

<sup>7</sup>The 1954 total for Major Group 33 has been adjusted to include old SIC Industries 2931, "Beehive Coke Ovens;" 2932, "Byproduct Coke Ovens;"

3481, "Nails and Spikes;" and 3631, "Insulated Wire and Cable."

<sup>8</sup>The 1954 total for Major Group 34 has been adjusted to include old SIC Industries 3568, "Mechanical Stokers;" 3591, "Valves and Fittings, Except Plumbing;" and 3592, "Fabricated Pipe and Fittings." It has also been adjusted to exclude old SIC Industries 3471, "Lighting Fixtures" and 3481, "Nails and Spikes."

<sup>9</sup>The combined total for Major Groups 35 and 36 has been adjusted to include old SIC Industry 3471, "Lighting Fixtures" and to exclude old SIC Industries 3568, "Mechanical Stokers;" 3591, "Valves and Fittings, Except Plumbing;" 3592, "Fabricated Pipe and Fittings;" and 3631, "Insulated Wire and Cable."

<sup>10</sup>Industry 7699 is a Service Industry, "Machine Shop Repairs."

<sup>11</sup>Although the definition of Industry 3721 is the same under both the old and new SIC, comparability of the 1958 and 1954 figures may be affected by a difference in the method of assigning establishments to this industry. In 1958, an establishment manufacturing complete aircraft was classified in Industry 3721 if its value of work done on aircraft exceeded its value of shipments of any other single industry's products. In 1954, any establishment manufacturing at least one complete aircraft was classified in Industry 3721.

<sup>12</sup>The combined 1954 total for Major Groups 19 and 39 has been adjusted to include old SIC Industry 2274, "Hard Surfaced Floor Coverings" and to exclude old SIC Industry 3971, "Plastic Products, NEC."

# APPENDIX A.--NOTES ON COMPARABILITY OF 1954 AND 1958 DATA FOR SELECTED INDUSTRIES AND INDUSTRY GROUPS

## Part 2.--New SIC - Old SIC Code Conversions for Selected Industries

(An industry is listed below if 1954 data are comparable to 1958 data but in addition:

- a) The industry has the same definition but a different code number under the new SIC; or
- b) An old SIC industry was split into two or more whole industries under the new SIC; or
- c) Two or more old industries were merged into one industry under the new SIC

Also shown are combinations of industry groups which were made to obtain substantially comparable 1954 data)

New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code	New SIC code	Comparable old SIC code
2031	{ 2031 2032	2381	{ 2381 2382	2789	{ 2781 2789	3317 <sup>1</sup>	3393	3537	3565
2046	2094							3562	3593
2086	2081	2432 <sup>1</sup>	{ 2422 2432	2813	2896	3356	3359	3613 } 3622 }	3616
2087	2095	2591	{ 2562 2563	2814	2821	3361 3362 3369 }	3361	3621	3614
2091	2881			2815	2822			3623	3617
2092	2883	2611 2621 2631 2661 }	261	2819	{ 2811 2819	3431 3432 }	3431	3624	3612
2093	{ 2882 2884			2822	2824	3441 3449 }	3441	3633	3581
2094	2886	2642	2651	2823 2824 }	2825	3451	3495	3635 <sup>1</sup>	3584
2095	2889	2643	2661	2892	2826	3452	3494	3636	3583
2096	{ 2092 2093	2644	2693	2893	2891	3461	{ 3461 3463 }	3641	3651
2211	2233	2645	2691	3069 <sup>1</sup>	3099	3471	3468	365 } 366 }	366
2221	2234	2646	2694	3079 <sup>1</sup>	3971			367 }	
2231 <sup>1</sup>	{ 2213 2216	2651 2652 2653 }	2671	3151	{ 3151 3152	3479	{ 3465 3466 3467 }	3652	3663
		2655 <sup>1</sup>	2674	3172 <sup>1</sup>	{ 3172 3986			369 <sup>1</sup>	{ 364 369 }
2259	{ 2255 2259					346 } 347 }	346	3694	3641
2261 2262 2269 }	2261	264 } <sup>1</sup> 265 }	{ 264 265 266 267 269 }	3269	{ 3265 3269	3481	3489	379	{ 3716 3799 }
2284	2223	275 276 } <sup>1</sup>	{ 275 276 2792 }	3271 3272 }	3271	3494	3591	3821 <sup>1</sup> 3822 <sup>1</sup>	3821
2352	{ 2281 2282 2283 2325			3275	3272	3498	3592		
				331 } <sup>1</sup> 339 }	{ 293 331 339 }	3511 3519 }	351	3931	{ 3931 3932 3933 3939 }
		2753	2792			3533	3532		
						3534	3562	3952	{ 3952 3954 }

<sup>1</sup>Also see Part 1 for description of additional minor revision in definition introduced by the new SIC.



## APPENDIX B.—INDUSTRY DESCRIPTIONS

Appendix B, which is included in Volume I, Summary Statistics, and Volume III, Area Statistics, has been omitted from this volume. The information contained in the appendix includes the industry description and the primary product coverage and specialization ratios for each industry. Similar but more extensive information of this type is contained elsewhere in this volume: the industry description in the text preceding the tables for each industry, and the ratios in Table 5A for each industry.





# APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW STANDARD INDUSTRIAL CLASSIFICATION COMPARED WITH THE OLD SIC

## A. "Bridge" between the old and new Standard Industrial Classification

The 1958 Census of Manufactures covered all establishments primarily engaged in manufacturing as defined in the revised edition of the *Standard Industrial Classification Manual* issued by the Bureau of the Budget in 1957. In this revision, extensive modifications of industry definitions were made in some parts of the manufacturing sector. Each establishment report processed in the 1958 Census of Manufactures was classified and tabulated first on the basis of the old SIC industry definitions and then on the basis of the new SIC definitions. The preliminary reports previously issued were tabulated on the old SIC. The final reports of the 1958 Census and the bound volumes contain statistics tabulated according to the new SIC. It should be noted that establishments primarily engaged in activities that have been added to the scope of manufacturing by the new SIC are included in both the old SIC and new SIC tabulations (See below Section B, "Changes in the scope of manufacturing made by the 1957 Standard Industrial Classification").

This appendix provides a "bridge" between the two classification systems by showing how the new SIC industries are related to the old SIC industries. Part 1 gives the derivation of each new SIC 4-digit industry from the old SIC industries in terms of 1958 data. Part 2 is the reverse of Part 1. It shows how each old SIC industry was distributed among the new SIC industries. Additions to the scope of manufacturing, which are listed in Section B below, are included in Part 2 as old SIC industries even though they represent revisions introduced by the new SIC. Additional information on the nature and effects of revisions in industry definitions resulting from the adoption of the new SIC is provided in Section 5 of the Introduction, in the individual industry reports of Volume II, and in Appendix B, "Industry Descriptions," contained in Volumes I and III.

Part 1 provides the following 1958 data for each new SIC industry: (a) total number of establishments, establishments with more than 20 employees, all employees, and adjusted value added by manufacture, and (b) the contribu-

tion of the various old SIC industries to these totals. For example, new Industry 2015, Poultry dressing plants, has a total of 62,389 employees which was built up as follows: 55,635 were previously classified in old Industry 2015; 1,944 were in old Industry 2033 and were reassigned as a result of the transfer of canned poultry plants; 4,490 came from old Industry 2099 because of the transfer of liquid, dried and frozen egg plants; and 320 were classified in various other industries. Part 2 shows the same statistics on the disposition of each old industry. Thus, the totals for old Industry 2015 are 1,131 plants and 55,635 employees, all of which remained in the industry under the new SIC definition; that is, they were assigned to new Industry 2015.

## B. Changes in the scope of manufacturing made by the 1957 Standard Industrial Classification

A number of revisions in the scope of manufacturing were introduced by the 1957 edition of the SIC. Several of these changes, as noted below, had previously been approved as amendments to the 1945 SIC for use in the 1954 Census of Manufactures, and one had already been made for the 1947 Census. The other revisions listed were introduced for the first time in the 1958 Census.

1. Additions to the scope of manufacturing were as follows:

- a. Establishments processing milk (pasteurizing, homogenizing, vitaminizing and bottling)--transferred from trade industries. (Adopted for the 1954 Census.)
- b. Establishments primarily engaged in preparing fresh packaged fish and other seafood--transferred from trade industries. (Adopted for the 1954 Census.)
- c. Apparel and knitting jobbers and leather converters who assign materials to contract factories for fabrication for their account--transferred from trade industries. (Adopted for the 1954 and 1947 Censuses.)
- d. Establishments primarily engaged in producing ready-mixed concrete--transferred from trade industries.
- e. Machine shops solely engaged in repair work--transferred from service trades.

2. Transferred out of manufacturing were the following:

- a. Establishments primarily engaged in re-treading or rebuilding tires--transferred to service trades.

- b. Establishments primarily producing wiping rags--transferred to trade industries. (Adopted for the 1954 Census.)

C. Modifications of the 1957 Standard Industrial Classification for the 1958 Census of Manufactures

The following combinations and rearrangements of SIC industries were made for the 1958 Census:

1957 SIC Industry

1929--Ammunition, n.e.c.

2395--Pleating and Stitching }  
2396--Apparel Findings }

2541--Wood Partitions and Fixtures }  
2542--Metal Partitions and Fixtures }

2799--Service Industries for the }  
Printing Trades, n.e.c. }

2873--Agricultural Pesticides }  
2879--Agricultural Chemicals, n.e.c. }

3591--Machine Shops, Jobbing and Repair }  
3599--Machinery and Parts, Except Electrical. }  
n.e.c. }

3619--Electric Transmission and Distribution }  
Equipment, n.e.c. }

3711--Motor Vehicles }  
3712--Passenger Car Bodies }  
3714--Motor Vehicles Parts and Accessories }

1958 Census Industry

{ 1925--Guided Missiles, Complete  
1929--Ammunition, n.e.c.

2398--Trimmings and Stitching

254--Partitions and Fixtures

SIC industry not used because of insignificant activity in the industry. Establishments, if any, included with other printing service industries.

2873--Agricultural Pesticides

3599--Machine Shops

SIC industry not used because of insignificant activity in the industry. Establishments, if any, classified in other industries according to product.

3717--Motor Vehicles and Parts



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2011	2011	Meat packing plants.....	2,801	977	200,783	1,746,603
2013	----	Prepared meats.....	1,494	496	48,586	442,058
	2013	Prepared meats.....	1,480	493	48,184	435,995
	----	All other industries <sup>1</sup> .....	14	3	402	6,063
2015	----	Poultry dressing plants.....	1,233	594	62,389	310,572
	2015	Poultry dressing plants.....	1,131	518	55,635	266,177
	2033	Canned fruits and vegetables.....	14	8	1,944	9,869
	2099	Food preparations, nec.....	79	66	4,490	30,293
	----	All other industries <sup>1</sup> .....	9	2	320	4,233
2021	2021	Creamery butter.....	1,058	228	17,295	147,207
2022	----	Natural cheese.....	1,203	160	13,461	109,098
	2022	Natural cheese.....	1,195	158	13,351	106,949
	----	All other industries <sup>1</sup> .....	8	2	110	2,149
2023	----	Condensed and evaporated milk.....	313	202	13,445	202,709
	2023	Concentrated milk.....	289	189	12,091	176,022
	2025	Special dairy products.....	24	13	1,354	26,687
2024	----	Ice cream and frozen desserts.....	1,382	454	34,562	393,037
	2024	Ice cream and ices.....	1,379	453	34,487	392,765
	----	All other industries <sup>1</sup> .....	3	1	75	272
2025	2025	Special dairy products.....	107	35	3,571	23,923
2026	----	Fluid milk.....	5,816	2,236	211,468	1,990,805
	2027	Fluid milk and other products.....	5,625	2,183	207,519	1,948,476
	2022	Natural cheese.....	95	26	1,854	19,804
	2025	Special dairy products.....	72	7	789	9,975
	----	All other industries <sup>1</sup> .....	24	20	1,306	12,550
2031	----	Canned and cured seafood.....	333	168	14,713	100,242
	2031	Canned seafood.....	252	142	12,696	87,749
	2032	Cured fish.....	81	26	2,017	12,493
2032	----	Canned specialties.....	107	69	24,186	340,847
	2033	Canned fruits and vegetables.....	100	66	23,986	338,240
	2099	Food preparations, nec.....	7	3	200	2,607
2033	----	Canned fruits and vegetables.....	1,607	913	100,084	808,306
	2033	Canned fruits and vegetables.....	1,523	884	96,906	772,210
	2055	Pickles and sauces.....	84	29	3,178	36,096
2034	2034	Dehydrated fruits and vegetables.....	161	67	7,599	75,529
2035	2035	Pickles and sauces.....	619	205	19,500	164,624
2036	2036	Fresh or frozen packaged fish.....	440	223	17,469	82,368
2037	----	Frozen fruits and vegetables.....	426	263	39,528	323,789
	2037	Frozen fruits and vegetables.....	297	173	25,370	209,444
	2099	Food preparations, nec.....	129	90	14,158	114,345
	----	All other industries <sup>1</sup> .....				
2041	2041	Flour and meal.....	814	250	28,215	393,053
2042	2042	Prepared animal feeds.....	2,379	715	57,313	798,892
2043	2043	Cereal preparations.....	43	25	10,927	243,088
2044	2044	Rice milling.....	72	51	3,843	53,152
2045	2045	Blended and prepared flour.....	117	30	4,894	118,073
2046	2044	Wet corn milling.....	59	26	13,792	249,435
2051	2051	Bread and related products.....	5,985	2,149	256,963	2,111,820
2052	----	Biscuit and crackers.....	334	203	44,333	522,490
	2052	Biscuit and crackers.....	299	180	42,983	505,618
	2099	Food preparations, nec.....	35	23	1,350	16,872
2061	2061	Raw cane sugar.....	50	44	3,011	21,841
2062	2062	Cane sugar refining.....	28	25	15,213	184,824
2063	2063	Beet sugar.....	66	66	10,324	130,393
2071	----	Confectionery products.....	1,390	421	66,395	511,688
	2071	Confectionery products.....	1,367	411	65,722	507,783
	2099	Food preparations, nec.....	23	10	665	3,905
2072	2072	Chocolate and cocoa products.....	28	25	8,271	135,098
2073	2073	Chewing gum.....	26	15	5,344	102,280
2082	2082	Malt liquors.....	258	224	71,494	1,114,590
2083	2083	Malt.....	46	34	2,404	55,087

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2084	2084	Wines and brandy.....	239	73	5,941	114,242
2085	2085	Distilled liquor, except brandy.....	122	91	20,528	444,851
2086	----	Bottled and canned soft drinks.....	4,362	1,411	96,347	844,688
	2081	Bottled soft drinks.....	4,352	1,406	96,087	840,632
	2033	Canned fruits and vegetables.....	10	5	260	4,056
2087	----	Flavorings.....	531	95	9,483	262,223
	2095	Flavorings.....	527	94	9,446	262,025
	----	All other industries <sup>1</sup> .....	4	1	37	198
2091	2881	Cottonseed oil mills.....	214	163	8,355	63,587
2092	----	Soybean oil mills.....	117	83	8,095	139,612
	2883	Soybean oil mills.....	98	83	7,985	138,937
	----	All other industries <sup>1</sup> .....	19	...	110	675
2093	----	Vegetable oil mills, nec.....	46	20	2,252	42,066
	2884	Vegetable oil mills, nec.....	34	11	1,076	13,703
	2882	Linseed oil mills.....	9	8	1,055	17,852
	----	All other industries <sup>1</sup> .....	3	1	121	10,531
2094	----	Grease and tallow.....	539	173	12,384	127,120
	2886	Grease and tallow.....	513	167	11,857	122,579
	----	All other industries <sup>1</sup> .....	26	6	527	4,541
2095	----	Animal oils, nec.....	78	37	2,191	24,475
	2889	Animal oils, nec.....	75	36	2,153	23,985
	----	All other industries <sup>1</sup> .....	3	1	38	490
2096	----	Shortening and cooking oils.....	105	80	12,489	221,519
	2092	Shortening and cooking oils.....	69	50	9,419	158,256
	2093	Margarine.....	36	30	2,699	56,490
	----	All other industries <sup>1</sup> .....			371	6,773
2097	2097	Manufactured ice.....	1,570	170	14,557	107,527
2098	2098	Macaroni and spaghetti.....	214	76	6,825	67,130
2099	----	Food preparations, nec.....	2,687	695	67,992	1,066,017
	2099	Food preparations, nec.....	2,642	670	65,448	1,005,663
	2091	Leavening compounds.....	39	22	2,391	58,809
	----	All other industries <sup>1</sup> .....	6	3	153	1,545
2111	2111	Cigarettes.....	19	16	33,832	1,058,554
2121	2121	Cigars.....	283	114	29,350	183,140
2131	2131	Chewing and smoking tobacco.....	58	28	6,348	86,188
2141	2141	Tobacco stemming and redrying.....	144	122	14,937	85,578
2211	----	Weaving mills, cotton.....	496	395	243,419	1,078,592
	2233	Cotton broad-woven fabrics.....	489	393	242,145	1,070,569
	----	All other industries <sup>1</sup> .....	7	2	1,274	8,023
2221	2234	Weaving mills, synthetics.....	401	310	81,688	468,583
2231	----	Weaving and finishing mills, wool.....	469	311	55,952	336,618
	2213	Woolen and worsted fabrics.....	305	227	49,252	292,365
	2216	Finishing wool textiles.....	74	44	4,771	32,383
	2399	Textile products, nec.....	85	35	1,723	10,709
	----	All other industries <sup>1</sup> .....	5	5	206	1,161
2241	2241	Narrow fabric mills.....	488	242	24,587	142,638
2251	2251	Full-fashioned hosiery mills.....	432	241	33,687	172,996
2252	2252	Seamless hosiery mills.....	659	489	69,483	290,825
2253	----	Knit outerwear mills.....	1,123	633	60,672	339,914
	2253	Knit outerwear mills.....	1,120	632	60,603	339,582
	----	All other industries <sup>1</sup> .....	3	1	69	332
2254	2254	Knit underwear mills.....	140	122	27,918	135,703
2256	2256	Knit fabric mills.....	357	181	18,356	147,394
2259	----	Knitting mills, nec.....	75	38	3,230	14,543
	2255	Knit glove mills.....	24	19	1,808	6,710
	2259	Knitting mills, nec.....	51	19	1,422	7,833
2261	----	Finishing plants, cotton.....	446	174	49,212	289,115
	2261	Finishing textiles, except wool.....	446	174	49,212	289,115
2262	----	Finishing plants, synthetics.....	197	132	16,185	114,825
	2261	Finishing textiles, except wool.....	197	132	16,185	114,825

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2269	----	Finishing plants, nec.....	155	79	7,808	52,005
	2261	Finishing textiles, except wool.....	155	79	7,808	52,005
2271	----	Woven carpets and rugs.....	69	47	18,151	128,444
	2271	Wool carpets and rugs.....	52	39	17,491	125,514
	2273	Carpets and rugs, except wool.....	17	8	660	2,930
2272	----	Tufted carpets and rugs.....	92	72	11,528	108,846
	2271	Wool carpets and rugs.....	13	9	1,267	(D)
	2273	Carpets and rugs, except wool.....	79	63	10,261	(D)
2279	----	Carpets and rugs, nec.....	121	53	3,989	23,176
	2271	Wool carpets and rugs.....	3	2	989	(D)
	2273	Carpets and rugs, except wool.....	118	51	3,000	(D)
2281	----	Yarn mills, except wool.....	356	310	67,836	292,219
	2212	Yarn mills, wool, except carpet.....	17	17	3,743	22,689
	2224	Yarn mills, cotton system.....	316	282	61,929	259,114
	2271	Wool carpets and rugs.....	11	10	1,297	5,824
	----	All other industries <sup>1</sup> .....	12	1	867	4,592
2282	----	Throwing and winding mills.....	195	119	11,862	67,648
	2222	Yarn throwing mills.....	117	88	9,085	50,902
	2224	Yarn mills, cotton system.....	18	4	178	1,085
	2299	Textile goods, nec.....	35	23	2,245	13,948
	----	All other industries <sup>1</sup> .....	25	4	354	1,713
2283	----	Wool yarn mills.....	150	122	15,977	91,212
	2212	Yarn mills, wool, except carpet.....	111	96	12,009	65,197
	2271	Wool carpets and rugs.....	36	26	3,951	25,966
	----	All other industries <sup>1</sup> .....	3	...	17	49
2284	2223	Thread mills.....	86	49	11,213	62,965
2291	2291	Felt goods, nec.....	66	28	4,573	44,443
2292	2292	Lace goods.....	208	66	6,689	34,247
2293	2293	Padding and upholstery filling.....	196	83	7,139	57,303
2294	2294	Processed textile waste.....	183	68	4,607	31,100
2295	2295	Coated fabrics, not rubberized.....	126	64	10,182	100,420
2296	----	Tire cord and fabric.....	23	23	12,214	69,844
	2224	Yarn mills, cotton system.....	23	23	12,214	69,844
2297	2211	Scouring and combing plants.....	81	46	6,075	36,073
2298	2298	Cordage and twine.....	147	71	9,583	65,106
2299	2299	Textile goods, nec.....	138	49	7,862	60,841
2311	----	Men's and boys' suits and coats.....	1,365	763	122,205	642,510
	2311	Men's and boys' suits and coats.....	1,353	757	121,857	641,292
	----	All other industries <sup>1</sup> .....	12	6	348	1,218
2321	2321	Men's dress shirts and nightwear.....	880	606	103,596	421,876
2322	2322	Men's and boys' underwear.....	91	73	12,326	51,621
2323	----	Men's and boys' neckwear.....	362	111	7,734	48,938
	2323	Men's and boys' neckwear.....	362	111	7,663	48,692
	----	All other industries <sup>1</sup> .....			71	246
2327	----	Separate trousers.....	748	367	51,632	209,050
	2327	Separate trousers.....	744	363	51,365	207,866
	----	All other industries <sup>1</sup> .....	4	4	267	1,184
2328	----	Work clothing.....	500	396	64,780	255,481
	2328	Work shirts.....	50	40	6,282	20,482
	2329	Men's and boys' clothing, nec.....	450	356	58,498	234,999
2329	2329	Men's and boys' clothing, nec.....	539	324	32,392	149,951
2331	----	Women's blouses.....	1,260	735	47,484	200,164
	2331	Women's blouses.....	1,236	722	46,317	189,265
	2339	Women's outerwear, nec.....	24	13	1,167	10,899
2335	----	Women's dresses.....	4,653	2,899	184,717	970,963
	2333	Women's unit-priced dresses.....	3,700	2,346	135,606	765,236
	2334	Women's dozen-priced dresses.....	953	553	49,111	205,727
2337	2337	Women's suits, coats, and skirts.....	2,683	1,350	84,145	514,901
2339	----	Women's outerwear, nec.....	1,155	553	43,663	227,598
	2334	Women's dozen-priced dresses.....	251	112	8,162	40,517
	2338	Women's neckwear.....	88	21	1,447	8,300
	2339	Women's outerwear, nec.....	816	420	34,054	178,781

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2341	2341	Women's and children's underwear.....	1,231	720	73,527	347,705
2342	2342	Corsets and allied garments.....	414	279	37,808	248,543
2351	2351	Millinery.....	803	284	17,838	109,133
2352	----	Hats and caps.....	446	169	17,701	91,298
	2325	Men's and boys' cloth hats.....	344	100	7,672	35,891
	2281	Fur-felt hats and hat bodies.....	53	36	6,221	37,222
	2282	Wool-felt hats and hat bodies.....	16	9	1,782	8,265
	2283	Straw hats.....	33	24	2,026	9,920
2361	----	Children's dresses.....	802	487	36,123	167,094
	2361	Children's dresses.....	779	473	34,685	160,628
	2369	Children's outerwear, nec.....	23	14	1,438	6,466
2363	2363	Children's coats.....	370	210	12,798	68,205
2369	2369	Children's outerwear, nec.....	756	377	31,888	146,050
2371	2371	Fur goods.....	1,651	78	9,355	95,411
2381	----	Fabric dress and work gloves.....	228	130	13,941	53,930
	2381	Fabric dress and work gloves.....	101	44	4,176	19,299
	2382	Fabric work gloves.....	127	86	9,765	34,631
2384	2384	Robes and dressing gowns.....	278	155	10,625	56,442
2385	2385	Waterproof outer garments.....	277	136	13,159	73,070
2386	2386	Leather and sheepskin clothing.....	154	71	4,626	27,847
2387	2387	Apparel belts.....	455	144	10,150	53,726
2389	----	Apparel, nec.....	309	93	7,525	41,262
	2383	Suspenders and garters.....	40	9	797	3,982
	2388	Handkerchiefs.....	83	35	2,536	14,535
	2389	Apparel, nec.....	180	46	3,939	21,575
	2342	Corsets and allied garments.....	6	3	253	1,170
2391	----	Curtains and draperies.....	783	206	16,366	87,273
	2391	Curtains and draperies.....	783	206	16,325	87,053
	----	All other industries <sup>1</sup> .....			41	220
2392	2392	Housefurnishings, nec.....	1,205	393	36,769	218,295
2393	2393	Textile bags.....	237	101	9,114	51,638
2394	2394	Canvas products.....	851	124	9,875	53,696
2397	2397	Schiffli-machine embroideries.....	705	48	5,739	44,311
2398	----	Trimnings and stitching.....	2,189	414	32,986	177,784
	2284	Hatters' fur.....	25	8	612	3,421
	2312	Suit and coat findings.....	93	44	2,420	13,549
	2326	Hat and cap materials.....	42	8	623	4,033
	2395	Tucking, pleating, and stitching.....	448	70	5,042	23,929
	2396	Trimnings and art goods.....	739	178	16,557	94,700
	2398	Embroideries, except Schiffli.....	832	102	7,458	37,054
	----	All other industries <sup>1</sup> .....	10	4	274	1,098
2399	----	Textile products, nec.....	919	212	17,930	98,087
	2399	Textile products, nec.....	912	206	16,476	92,428
	3729	Aircraft equipment, nec.....	7	6	1,454	5,659
2411	----	Logging camps and contractors.....	12,805	554	71,505	387,418
	2411	Logging camps and contractors.....	12,782	550	71,309	386,421
	2421	Sawmills and planing mills.....	23	4	196	997
2421	----	Sawmills and planing mills.....	15,636	2,486	245,687	1,194,650
	2421	Sawmills and planing mills.....	15,623	2,483	245,032	1,189,360
	----	All other industries <sup>1</sup> .....	13	3	655	5,290
2426	----	Hardwood dimension and flooring.....	436	263	25,140	110,354
	2421	Sawmills and planing mills.....	340	209	21,546	93,429
	2499	Wood products, nec.....	96	54	3,594	16,925
2429	----	Special product sawmills, nec.....	478	105	7,176	36,123
	2421	Sawmills and planing mills <sup>2</sup> .....	38	...	251	1,495
	2423	Shingle mills.....	219	40	2,731	17,159
	2424	Cooperage stock mills.....	156	44	2,958	10,499
	2425	Excelsior mills.....	65	21	1,236	6,970
2431	----	Millwork plants.....	3,163	713	61,962	412,548
	2431	Millwork plants.....	2,991	700	60,511	404,364
	2561	Window and door screens.....	168	11	1,200	7,680
	----	All other industries <sup>1</sup> .....	4	2	251	504
2432	----	Veneer and plywood plants.....	588	450	59,346	390,131
	2422	Veneer mills.....	288	206	13,103	75,116
	2432	Plywood plants.....	293	242	45,832	312,068
	----	All other industries <sup>1</sup> .....	7	2	411	2,947

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2433	2433	Fabricated wood products.....	374	150	13,550	122,344
2441	----	Nailed wooden boxes and shooks.....	885	259	20,916	102,248
	2443	Cigar boxes.....	7	3	220	1,053
	2444	Wooden boxes.....	858	245	19,480	94,875
	----	All other industries <sup>1</sup> .....	20	11	1,216	6,320
2442	----	Wirebound boxes and crates.....	98	59	9,366	43,109
	2442	Rattan and willow ware.....	18	2	122	520
	2444	Wooden boxes.....	80	57	9,244	42,589
2443	----	Veneer and plywood containers.....	105	65	5,416	18,323
	2441	Fruit and vegetable baskets.....	99	61	5,256	17,722
	2444	Wooden boxes.....	6	4	160	601
2445	2445	Cooperage.....	190	35	3,871	19,843
2491	2491	Wood preserving.....	306	148	10,933	72,508
2499	----	Wood products, nec.....	2,725	598	46,434	267,014
	2499	Wood products, nec.....	2,206	464	34,035	175,711
	2431	Millwork plants.....	18	6	318	2,460
	2432	Plywood plants.....	18	13	1,594	12,870
	2442	Rattan and willow ware.....	36	14	1,246	5,663
	2492	Lasts and related products.....	65	27	2,024	15,307
	2493	Mirror and picture frames.....	346	58	5,738	37,643
	3982	Cork products.....	24	10	907	13,988
	----	All other industries <sup>1</sup> .....	12	6	572	3,372
2511	----	Wood furniture, except upholstered.....	2,816	931	125,320	704,660
	2511	Wood furniture, not upholstered.....	2,810	930	125,192	704,018
	----	All other industries <sup>1</sup> .....	6	1	128	642
2512	----	Wood furniture, upholstered.....	1,761	683	61,485	391,243
	2512	Wood household furniture, upholstered.....	1,756	682	61,442	391,058
	----	All other industries <sup>1</sup> .....	5	1	43	185
2514	----	Metal household furniture.....	627	273	30,704	218,746
	2514	Metal household furniture.....	623	271	30,623	218,373
	----	All other industries <sup>1</sup> .....	4	2	81	373
2515	----	Mattresses and bedsprings.....	1,215	377	31,703	248,801
	2515	Mattresses and bedsprings.....	1,052	289	25,517	207,844
	2512	Wood furniture, upholstered.....	163	88	6,186	40,957
2519	----	Household furniture, nec.....	93	32	2,205	16,176
	2519	Household furniture, nec.....	93	32	2,186	16,122
	----	All other industries <sup>1</sup> .....	0	0	19	54
2521	2521	Wood office furniture.....	150	56	5,821	38,427
2522	2522	Metal office furniture.....	151	88	17,469	173,673
2531	----	Public building furniture.....	390	147	15,932	112,881
	2531	Public-building furniture.....	386	144	15,841	112,088
	----	All other industries <sup>1</sup> .....	4	3	111	793
254-	----	Partitions and fixtures.....	1,848	426	37,747	301,250
	2541	Partitions and fixtures.....	1,844	425	37,526	300,218
	----	All other industries <sup>1</sup> .....	4	1	221	1,032
2591	----	Venetian blinds and shades.....	850	85	11,203	83,442
	2563	Venetian blinds.....	561	57	6,465	42,766
	2562	Window shades <sup>3</sup> .....	289	28	4,738	40,676
2599	----	Furniture and fixtures, nec.....	259	77	7,990	60,189
	2599	Furniture and fixtures, nec.....	84	29	2,823	22,335
	2591	Restaurant furniture.....	168	43	3,102	23,024
	----	All other industries <sup>1</sup> .....	7	5	2,065	14,830
2611	2611	Pulp mills.....	59	48	14,171	196,026
2621	----	Paper mills, except building.....	354	318	131,334	1,541,818
	2612	Paper and paperboard mills.....	354	318	131,334	1,541,818
2631	----	Paperboard mills.....	252	250	57,086	840,057
	2612	Paper and paperboard mills.....	252	250	57,086	840,057
2641	----	Paper coating and glazing.....	340	176	27,794	319,588
	2641	Paper coating and glazing.....	298	152	24,462	283,869
	2699	Paper and board products, nec.....	38	21	2,257	28,377
	----	All other industries <sup>1</sup> .....	4	3	1,075	7,342
2642	2651	Envelopes.....	205	146	17,757	138,318

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2643	----	Bags, except textile bags.....	461	251	39,042	308,874
	2661	Paper bags.....	458	249	38,279	303,587
	----	All other industries <sup>1</sup> .....	3	2	763	5,287
2644	2693	Wallpaper.....	73	29	2,806	21,463
2645	----	Die cut paper and board.....	372	118	12,209	111,164
	2691	Die-cut paper and board.....	369	116	11,798	106,783
	----	All other industries <sup>1</sup> .....	3	2	411	4,381
2646	2694	Pressed and molded pulp goods.....	55	28	4,472	49,819
2649	----	Paper and board products, nec.....	739	324	46,892	463,668
	2699	Paper and board products, nec.....	726	313	43,181	412,206
	3842	Surgical appliances and supplies.....	10	9	3,245	49,559
	----	All other industries <sup>1</sup> .....	3	2	466	1,903
2651	----	Folding paperboard boxes.....	514	341	46,389	391,031
	2671	Paperboard boxes.....	514	341	46,389	391,031
2652	----	Set-up paperboard boxes.....	527	347	23,532	124,892
	2671	Paperboard boxes.....	527	347	23,532	124,892
2653	----	Corrugated shipping containers.....	805	514	70,792	596,934
	2671	Paperboard boxes.....	759	489	69,141	582,416
	2699	Paper and board products, nec.....	46	25	1,651	14,518
2654	----	Sanitary food containers.....	136	125	29,493	309,224
	2699	Paper and board products, nec.....	136	125	29,493	309,224
2655	----	Fiber cans, tubes, drums, etc.....	198	112	10,971	79,548
	2671	Paperboard boxes.....	9	3	358	2,423
	2674	Fiber cans, tubes, drums, and similar products.....	189	109	10,613	77,125
2661	----	Building paper and board mills.....	181	97	20,658	215,050
	2613	Building paper and board mills.....	129	96	20,363	213,369
	2661	Paper bags.....	52	1	295	1,681
2711	2711	Newspapers.....	8,250	1,724	294,258	2,516,921
2721	2721	Periodicals.....	2,323	387	66,028	932,554
2731	2731	Books, publishing and printing.....	903	233	40,069	616,241
2732	2732	Book printing.....	791	205	28,625	226,793
2741	2741	Miscellaneous publishing.....	1,105	164	19,870	206,851
2751	----	Printing: letterpress.....	13,002	1,640	189,078	1,482,604
	2751	Commercial printing.....	12,835	1,580	183,380	1,435,990
	2761	Lithographing.....	125	31	1,651	12,522
	2699	Converted paper and board products, nec.....	28	25	3,409	29,184
	----	All other industries <sup>1</sup> .....	14	4	638	4,908
2752	----	Printing: lithographic.....	3,746	1,026	89,678	797,397
	2761	Lithographing.....	3,703	1,015	88,808	790,501
	2751	Commercial printing.....	36	7	487	4,063
	----	All other industries <sup>1</sup> .....	7	4	383	2,833
2753	2792	Engraving and plate printing.....	528	102	9,047	64,471
2761	----	Manifold business forms.....	704	165	23,618	245,229
	2751	Commercial printing.....	273	115	14,042	143,649
	2761	Lithographing.....	411	37	7,351	80,934
	2782	Blank books and paper ruling.....			2,199	20,383
	----	All other industries <sup>1</sup> .....	20	13	26	263
2771	2771	Greeting cards.....	282	100	21,777	178,563
2782	----	Blankbooks; looseleaf binders.....	434	166	17,872	132,660
	2782	Blankbooks and paper ruling.....	289	95	8,141	59,244
	2783	Looseleaf binders and devices.....	136	64	9,079	69,159
	2751	Commercial printing.....	3	3	227	1,771
	----	All other industries <sup>1</sup> .....	6	4	425	2,486
2789	---	Bookbinding and related work.....	972	294	22,160	132,722
	2781	Bookbinding.....	755	227	17,894	105,021
	2789	Miscellaneous bookbinding work.....	213	65	4,152	26,957
	----	All other industries <sup>1</sup> .....	4	2	114	744

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2791	2791	Typesetting.....	1,188	247	18,011	155,123
2795	2795	Photoengraving.....	914	272	17,251	172,158
2794	2794	Electrotyping and stereotyping.....	226	111	6,759	62,675
2812	2812	Alkalies and chlorine.....	34	32	20,476	306,187
2813	----	Industrial gases.....	491	177	10,642	174,249
	2896	Compressed and liquefied gases.....	491	177	10,642	174,249
2814	2821	Cyclic (coal tar) crudes.....	45	23	2,084	29,993
2815	2822	Intermediate coal tar products.....	115	87	26,218	373,106
2816	----	Inorganic pigments.....	99	57	11,368	235,658
	2852	Inorganic color pigments.....	94	55	11,261	234,294
	----	All other industries <sup>1</sup> .....	5	2	107	1,364
2818	----	Organic chemicals, nec.....	334	185	77,442	1,671,723
	2829	Organic chemicals, nec.....	331	183	77,178	1,664,419
	----	All other industries <sup>1</sup> .....	3	2	264	7,304
2819	----	Inorganic chemicals, nec.....	580	301	89,874	1,468,854
	2819	Inorganic chemicals, nec.....	509	251	84,909	1,369,179
	2811	Sulfuric acid.....	50	38	3,455	72,649
	----	All other industries <sup>4</sup> .....	21	12	1,510	27,026
2821	----	Plastic materials.....	349	196	51,003	871,956
	2823	Plastic materials.....	343	195	50,781	863,991
	----	All other industries <sup>1</sup> .....	6	1	222	7,965
2822	2824	Synthetic rubber.....	18	17	9,252	197,866
2823	----	Cellulosic man-made fibers.....	26	26	42,597	390,310
	2825	Synthetic fibers.....	26	26	42,597	390,310
2824	----	Organic fibers, noncellulosic.....	14	14	18,684	439,638
	2825	Synthetic fibers.....	14	14	18,684	439,638
2831	2831	Biological products.....	116	35	3,692	38,947
2833	----	Medicinals and botanicals.....	129	50	10,246	175,817
	2832	Medicinal chemicals, including botanicals.....	129	50	10,246	175,817
	2833					
2834	----	Pharmaceutical preparations.....	1,114	318	82,002	1,881,524
	2834	Pharmaceutical preparations.....	1,114	318	81,961	1,877,091
	----	All other industries <sup>1</sup> .....				
2841	----	Soap and other detergents.....	608	163	29,603	857,585
	2841	Soap and glycerin.....	245	76	20,638	655,669
	2842	Cleaning and polishing preparations.....	359	85	8,880	201,431
	----	All other industries <sup>1</sup> .....	4	2	85	485
2842	----	Polishes and sanitation goods.....	1,156	188	16,429	295,566
	2842	Cleaning and polishing preparations.....	901	137	11,754	218,852
	2899	Chemical products, nec.....	249	48	4,318	72,831
	----	All other industries <sup>1</sup> .....	6	3	357	3,883
2843	----	Surface active agents.....	142	46	3,122	52,421
	2843	Sulfonated oils and assistants.....	103	28	1,796	25,687
	2829	Organic chemicals, nec.....	17	8	743	16,850
	----	All other industries <sup>1</sup> .....	22	10	583	9,884
2844	----	Toilet preparations.....	748	181	29,464	697,529
	2893	Toilet preparations.....	745	179	29,375	686,540
	----	All other industries <sup>1</sup> .....	3	2	89	10,989
2851	2851	Paints and varnishes.....	1,591	577	57,034	783,285
2852	----	Putty and caulking compounds.....	118	23	1,736	23,610
	2853	Whiting and fillers.....	105	17	1,334	16,989
	----	All other industries <sup>5</sup> .....	13	6	402	6,621
2861	----	Gum and wood chemicals.....	190	41	7,251	85,302
	2861	Hardwood distillation.....	50	12	1,776	10,752
	2862	Softwood distillation.....	79	14	4,193	54,172
	2863	Gum naval stores.....	24	8	467	5,063
	2865	Tanning and dyeing materials.....	27	3	355	4,036
	2611	Pulp mills.....	10	4	460	11,279
2871	2871	Fertilizers.....	283	205	18,728	197,943
2872	2872	Fertilizers, mixing only.....	685	202	12,161	105,845

See footnotes at end of Part 1.

## APPENDIX C.—COMPOSITION OF INDUSTRIES IN THE NEW SIC

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
2873	----	Agricultural pesticides.....	337	101	7,790	110,993
2879	----	Agricultural chemicals, nec.....				
	2897	Insecticides and fungicides.....				
	2899	Chemical products, nec.....				
	----	All other industries <sup>1</sup> .....	3	2	62	700
2891	----	Glue and gelatin.....	274	93	7,890	106,383
	2894	Glue and gelatin.....	242	78	6,853	85,048
	2899	Chemical products, nec.....	32	15	1,037	21,335
2892	2826	Explosives.....	77	58	14,971	131,646
2893	2891	Printing ink.....	302	94	7,960	108,803
2894	2887	Fatty acids.....	12	12	1,558	20,594
2895	2895	Carbon black.....	36	32	3,162	72,641
2899	----	Chemical preparations, nec.....	1,286	217	24,727	364,397
	2892	Essential oils.....	25	9	899	16,533
	2899	Chemical products, nec.....	1,149	164	17,941	278,660
	3985	Fireworks and pyrotechnics.....	67	19	1,628	9,043
	2898	Salt.....	39	24	4,167	59,251
	----	All other industries <sup>1</sup> .....	6	1	92	910
2911	2911	Petroleum refining.....	446	313	146,025	2,119,402
2951	2951	Paving mixtures and blocks.....	563	89	7,797	112,548
2952	2952	Asphalt felts and coatings.....	209	128	15,520	159,449
2992	2992	Lubricating oils and greases.....	306	90	7,568	103,084
2999	2999	Petroleum and coal products, nec.....	84	33	2,256	26,903
3011	----	Tires and inner tubes.....	123	86	89,395	1,179,957
	3011	Tires and inner tubes.....	62	55	87,246	1,155,205
	3099	Rubber industries, nec.....	61	31	2,149	24,752
3021	3021	Rubber footwear.....	27	26	20,359	149,608
3031	3031	Reclaimed rubber.....	16	14	2,215	20,843
3069	3099	Fabricated rubber products, nec.....	1,074	558	119,565	997,254
3079	----	Plastics products, nec.....	3,222	1,143	116,308	928,950
	3971	Plastics products, nec <sup>a</sup> .....	3,222	1,143	116,308	928,950
3111	3111	Leather tanning and finishing.....	578	280	37,130	275,796
3121	3121	Industrial leather belting.....	104	32	3,975	36,300
3131	----	Footwear, cut stock.....	513	235	18,031	98,380
	3131	Footwear, cut stock.....	513	235	17,937	97,850
	----	All other industries <sup>1</sup> .....			94	530
3141	3141	Footwear, except rubber.....	1,115	887	215,311	1,086,260
3142	3142	House slippers.....	164	97	11,520	59,656
3151	----	Leather gloves.....	180	76	6,212	25,999
	3151	Leather dress gloves.....	102	47	3,935	16,171
	3152	Leather work gloves.....	78	29	2,166	8,598
	----	All other industries <sup>1</sup> .....			111	1,230
3161	----	Luggage.....	428	159	15,856	96,560
	3161	Luggage.....	411	147	15,226	93,705
	3986	Jewelry and instrument cases.....	14	9	474	2,244
	----	All other industries <sup>1</sup> .....	3	3	156	611
3171	3171	Handbags and purses.....	620	262	21,953	111,496
3172	----	Small leather goods.....	400	123	13,657	75,791
	3172	Small leather goods.....	237	67	7,534	43,080
	3161	Luggage.....	17	5	383	2,599
	3986	Jewelry and instrument cases.....	146	51	5,740	30,112
3199	----	Leather goods, nec.....	433	74	5,405	31,227
	3192	Saddlery, harness, and whips.....	100	12	1,271	6,775
	3199	Leather goods, nec.....	333	62	4,134	24,452
3211	3211	Flat glass.....	32	31	21,179	263,151
3221	3221	Glass containers.....	100	92	54,937	532,469
3229	3229	Pressed and blown glass, nec.....	140	98	37,108	312,342
3231	----	Products of purchased glass.....	1,031	239	24,024	242,657
	3231	Products of purchased glass.....	1,024	236	23,516	238,882
	----	All other industries <sup>1</sup> .....	7	3	508	3,775
3241	3241	Cement, hydraulic.....	175	170	41,127	724,771
3251	3251	Brick and structural tile.....	569	430	31,087	196,890
3253	----	Ceramic wall and floor tile.....	90	62	13,068	92,779
	3253	Floor and wall tile.....	86	58	12,482	88,442
	3259	Structural clay products, nec.....	4	4	586	4,337

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3255	3255	Clay refractories.....	167	117	12,394	104,898
3259	----	Structural clay products, nec.....	192	117	13,756	95,881
	3254	Sewer pipe.....	70	68	10,199	70,101
	3259	Structural clay products, nec.....	122	49	3,557	25,780
3261	3261	Vitreous plumbing fixtures.....	49	43	9,677	87,295
3262	3262	Vitreous china food utensils.....	29	24	7,640	42,355
3263	3263	Earthenware food utensils.....	34	26	8,555	34,170
3264	3264	Porcelain electrical supplies.....	59	44	9,107	66,074
3269	----	Pottery products, nec.....	584	108	9,240	54,020
	3265	China decorating for the trade.....	36	4	370	2,424
	3269	Pottery products, nec.....	548	104	8,870	51,596
3271	----	Concrete block and brick.....	1,796	336	22,766	190,355
	3271	Concrete products.....	1,796	336	22,766	190,355
3272	----	Concrete products.....	3,455	616	46,182	390,378
	3271	Concrete products.....	3,455	616	46,182	390,378
3273	----	Ready-mixed concrete.....	3,647	944	61,890	676,062
	3273	Ready-mixed concrete.....	3,624	931	61,109	669,931
	----	All other industries.....	23	13	781	6,131
3274	3274	Lime.....	137	76	7,185	73,597
3275	----	Gypsum products.....	126	63	11,502	218,042
	3272	Gypsum products.....	123	62	11,425	216,978
	----	All other industries <sup>1</sup> .....	3	1	77	1,064
3281	3281	Cut-stone and stone products.....	1,001	243	20,348	129,038
3291	3291	Abrasive products.....	354	130	23,955	277,706
3292	3292	Asbestos products.....	109	80	21,292	235,487
3293	3293	Gaskets and insulations.....	282	99	13,494	105,211
3295	----	Minerals: ground or treated.....	391	104	7,906	111,414
	3295	Minerals: ground or treated.....	386	100	7,557	104,682
	----	All other industries <sup>1</sup> .....	5	4	349	6,732
3296	----	Mineral wool.....	135	69	12,294	137,577
	3275	Mineral wool.....	95	61	11,831	132,533
	3299	Nonmetallic mineral products, nec.....	40	8	463	5,044
3297	3297	Nonclay refractories.....	84	66	8,013	102,362
3299	----	Nonmetallic minerals, nec.....	254	51	4,316	31,973
	3299	Nonmetallic mineral products, nec.....	109	32	3,062	24,710
	3298	Statuary and art goods.....	145	19	1,254	7,263
3312	3312	Blast furnaces and steel mills.....	291	260	511,392	6,062,227
3313	3313	Electrometallurgical products.....	37	35	12,689	178,880
3315	----	Steel wire drawing.....	170	103	19,250	196,200
	3392	Wire drawing.....	102	71	15,805	165,883
	3481	Nails and spikes.....	68	32	3,445	30,317
3316	----	Cold finishing of steel shapes.....	78	63	10,943	141,516
	3399	Primary metal industries, nec.....	78	63	10,943	141,516
3317	----	Steel pipe and tubes.....	136	101	23,911	284,096
	3312	Blast furnaces and steel mills <sup>7</sup> .....	4	4	1,439	23,549
	3393	Steel pipe and tubes.....	132	97	22,472	260,547
3321	----	Gray-iron foundries.....	1,310	848	112,670	810,758
	3321	Gray-iron foundries.....	1,297	843	112,263	807,480
	----	All other industries <sup>1</sup> .....	13	5	407	3,278
3322	----	Malleable iron foundries.....	82	74	20,230	127,592
	3322	Malleable iron foundries.....	82	74	19,949	125,473
	----	All other industries <sup>1</sup> .....			281	2,119
3323	3323	Steel foundries.....	256	216	49,133	383,870
3331	3331	Primary copper.....	30	29	14,561	158,122
3332	3332	Primary lead.....	13	13	3,563	36,325
3333	3333	Primary zinc.....	20	20	8,923	71,653
3334	3334	Primary aluminum.....	20	20	17,381	363,836
3339	3339	Primary nonferrous metals, nec.....	29	18	2,658	50,495
3341	3341	Secondary nonferrous metals.....	387	152	14,441	147,262
3351	----	Copper rolling and drawing.....	105	89	40,329	445,371
	3351	Copper rolling and drawing.....	98	85	39,997	441,150
	3392	Wire drawing.....	7	4	332	4,221

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3352	----	Aluminum rolling and drawing.....	185	129	46,879	537,086
	3352	Aluminum rolling and drawing.....	168	112	42,375	475,331
	3497	Metal foil and leaf.....	17	17	4,504	61,755
3356	3359	Rolling and drawing, nec.....	143	73	16,571	174,633
3357	----	Nonferrous wire drawing, etc.....	278	182	56,493	568,911
	3631	Insulated wire and cable.....	172	91	17,105	154,248
	3392	Wire drawing.....	98	86	38,093	397,392
	3351	Copper rolling and drawing.....	5	5	1,286	17,178
	----	All other industries <sup>1</sup> .....	3	...	9	93
3361	----	Aluminum castings.....	955	283	30,045	225,686
	3361	Nonferrous foundries.....	955	283	30,045	225,686
3362	----	Brass, bronze, copper castings.....	665	209	14,861	109,744
	3361	Nonferrous foundries.....	665	209	14,861	109,744
3369	----	Nonferrous castings, nec.....	345	136	17,253	135,311
	3361	Nonferrous foundries.....	345	136	17,253	135,311
3391	3391	Iron and steel forgings.....	301	189	36,456	310,148
3392	----	Nonferrous forgings.....	29	20	5,932	40,963
	3399	Primary metal industries, nec.....	29	20	5,932	40,963
3399	3399	Primary metal industries, nec.....	581	149	9,795	90,656
3411	----	Metal cans.....	222	189	54,238	668,606
	3411	Tin cans and other tinware.....	222	189	54,238	668,606
3421	3421	Cutlery.....	183	72	11,831	126,310
3423	----	Hand and edge tools.....	763	250	30,273	267,316
	3422	Edge tools.....	237	76	6,754	55,422
	3423	Hand tools, nec.....	494	161	21,037	186,098
	3424	Files.....	25	7	2,035	20,068
	----	All other industries <sup>1</sup> .....	7	6	447	5,728
3425	3425	Hand saws and saw blades.....	89	38	5,509	53,658
3429	----	Hardware, nec.....	1,059	454	88,105	754,943
	3429	Hardware, nec.....	1,053	451	87,537	750,783
	----	All other industries <sup>1</sup> .....	6	3	568	4,160
3431	----	Plumbing fixtures.....	63	41	12,432	118,555
	3431	Plumbing fixtures and fittings.....	63	41	12,432	118,555
432	----	Plumbing fittings, brass goods.....	254	84	14,663	120,560
	3431	Plumbing fixtures and fittings.....	254	84	14,663	120,560
3433	----	Nonelectric heating equipment.....	672	303	44,680	432,799
	3439	Heating and cooking apparatus (except electric), nec.....	649	290	43,281	421,195
	3568	Mechanical stokers.....	19	9	693	5,566
	----	All other industries <sup>1</sup> .....	4	4	706	6,038
3441	----	Fabricated structural steel.....	1,861	780	91,252	821,626
	3441	Structural and ornamental work.....	1,851	779	90,707	815,394
	----	All other industries <sup>1</sup> .....	10	1	545	6,232
3442	----	Metal doors, sash, and trim.....	1,546	560	57,897	469,050
	2561	Window and door screens.....	100	42	3,403	29,972
	3442	Metal doors, sash, and trim.....	1,440	516	54,353	437,859
	----	All other industries <sup>1</sup> .....	6	2	141	1,219
3443	----	Boiler shop products.....	1,252	557	90,551	754,972
	3441	Structural and ornamental products.....	14	5	537	3,692
	3443	Boiler shop products.....	1,189	516	81,501	682,298
	3569	General industrial machinery, nec.....	41	33	8,360	66,976
	----	All other industries <sup>1</sup> .....	8	3	153	2,006
3444	----	Sheet-metal work.....	3,159	699	58,800	516,136
	3444	Sheet-metal work.....	3,146	694	58,307	512,843
	----	All other industries <sup>1</sup> .....	13	5	493	3,293
3449	----	Miscellaneous metal work, nec.....	1,591	397	42,122	401,076
	3441	Structural and ornamental work.....	1,585	396	42,043	400,445
	----	All other industries <sup>1</sup> .....	6	1	79	631

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3451	3495	Screw machine products.....	1,792	419	31,836	249,975
3452	3494	Bolts, nuts, washers, and rivets.....	525	283	53,270	504,731
3461	----	Metal stampings.....	2,456	1,041	125,567	1,049,311
	3461	Vitreous-enameled products.....	55	33	5,803	40,582
	3463	Metal stampings.....	2,389	999	117,796	992,037
	----	All other industries <sup>1</sup> .....	12	9	1,968	16,692
3471	3468	Plating and polishing.....	2,646	542	36,471	253,784
3479	----	Metal coating, engraving, etc.....	1,003	192	15,680	108,379
	3465	Enameling and lacquering.....	467	97	7,104	47,723
	3466	Galvanizing.....	199	54	4,376	32,890
	3467	Engraving on metal.....	337	41	4,200	27,766
3481	----	Fabricated wire products, nec.....	1,463	538	55,476	439,940
	3489	Wirework, nec.....	1,459	535	55,129	437,473
	----	All other industries <sup>1</sup> .....	4	3	347	2,467
3491	----	Metal barrels, drums, and pails.....	125	74	9,640	94,548
	3411	Tin cans and other tinware.....	4	4	585	3,318
	3491	Metal barrels, drums, and pails.....	121	70	9,055	91,230
3492	3492	Safes and vaults.....	33	12	3,495	39,537
3493	----	Steel springs.....	90	43	6,758	54,135
	3493	Steel springs.....			5,515	44,384
	----	All other industries <sup>1</sup> .....	90	43	1,243	9,751
3494	----	Valves and pipe fittings.....	588	345	74,994	716,056
	3591	Valves and fittings, except plumbing.....	571	336	74,363	710,045
	3429	Hardware, nec.....	14	9	610	5,817
	----	All other industries <sup>1</sup> .....	3	...	21	194
3496	3496	Collapsible tubes.....	22	20	3,837	25,257
3497	3497	Metal foil and leaf.....	65	30	3,195	35,170
3498	----	Fabricated pipe and fittings.....	286	136	15,214	155,621
	3592	Fabricated pipe and fittings.....	282	134	15,135	154,938
	----	All other industries <sup>1</sup> .....	4	2	79	683
3499	----	Fabricated metal products, nec.....	974	213	20,200	180,132
	3499	Fabricated metal products, nec.....	966	209	19,601	175,193
	----	All other industries <sup>1</sup> .....	8	4	599	4,939
3511	----	Steam engine and turbines.....	28	25	45,347	568,643
	3511	Steam engine and turbines.....	25	23	43,979	558,885
	----	All other industries <sup>1</sup> .....	3	2	1,368	9,758
3519	----	Internal combustion engines.....	112	75	50,225	499,328
	3519	Internal combustion engines.....	109	74		
	----	All other industries <sup>1</sup> .....	3	1	50,225	499,328
3522	----	Farm machinery and equipment.....	1,469	509	108,586	1,087,836
	3521	Tractors.....	92	41	31,656	368,447
	3522	Farm machinery (except tractors).....	1,341	449	75,273	693,302
	3563	Conveyors.....	22	16	1,121	13,061
	----	All other industries <sup>1</sup> .....	14	3	536	13,026
3531	----	Construction machinery.....	579	295	95,304	1,022,801
	3531	Construction machinery.....	541	267	65,689	607,697
	3521	Tractors.....	35	25	28,464	408,197
	----	All other industries <sup>1</sup> .....	3	3	1,151	6,907
3532	----	Mining machinery and equipment.....	173	90	17,808	165,831
	3531	Construction machinery.....	169	88	(D)	(D)
	----	All other industries <sup>1</sup> .....	4	2	(D)	(D)
3533	----	Oil field machines and equipment.....	389	168	31,878	336,788
	3532	Oil-field machinery and tools.....	383	166	31,726	334,765
	----	All other industries <sup>1</sup> .....	6	2	152	2,023
3534	3562	Elevators and moving stairways.....	144	76	9,626	126,270
3535	----	Conveyors.....	420	150	20,789	192,892
	3563	Conveyors.....	409	150	20,743	192,402
	----	All other industries <sup>1</sup> .....	11	...	46	490
3536	----	Hoists, cranes, and monorails.....	81	54	9,520	92,759
	3531	Construction machinery.....	40	24	(D)	(D)
	3563	Conveyors.....	39	29	6,647	64,399
	----	All other industries <sup>1</sup> .....	2	1	(D)	(D)

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3537	----	Industrial trucks and tractors.....	262	96	14,786	117,500
	3565	Industrial trucks and tractors.....	257	95	14,753	117,266
	----	All other industries <sup>1</sup> .....	5	1	33	234
3541	----	Metal-cutting machine tools.....	627	231	52,864	420,961
	3541	Machine tools.....	621	228	52,457	419,274
	----	All other industries <sup>1</sup> .....	6	3	407	1,687
3542	----	Metal forming machine tools.....	291	147	22,502	176,021
	3542	Metalworking machinery.....	287	145	(D)	(D)
	----	All other industries <sup>1</sup> .....	4	2	(D)	(D)
3544	----	Special dies and tools.....	5,745	994	83,308	780,090
	3544	Special dies and tools.....	4,822	832	69,016	655,070
	3594	Industrial patterns and molds.....	874	150	13,297	118,067
	3599	Machine shops.....	34	4	488	3,235
	----	All other industries <sup>1</sup> .....	15	8	507	3,718
3545	----	Machine tool accessories.....	905	297	41,521	348,580
	3545	Metalworking machinery attachments.....	899	295	39,677	336,361
	----	All other industries <sup>1</sup> .....	6	2	1,844	12,219
3548	----	Metalworking machinery, nec.....	362	143	33,328	332,397
	3542	Metalworking machinery.....	312	118	30,424	303,750
	3589	Service and household machines, nec.....	47	23	2,820	27,992
	----	All other industries <sup>1</sup> .....	3	2	84	655
3551	3551	Food products machinery.....	672	240	27,715	268,639
3552	----	Textile machinery.....	553	212	34,313	214,199
	3552	Textile machinery.....	547	210	34,186	213,048
	----	All other industries <sup>1</sup> .....	6	2	127	1,151
3553	3553	Woodworking machinery.....	257	96	12,219	112,936
3554	3554	Paper industries machinery.....	202	97	15,713	123,758
3555	3555	Printing trades machinery.....	442	119	21,453	188,881
3559	----	Special industry machinery, nec.....	1,048	388	50,849	431,117
	3559	Special industry machinery, nec.....	1,031	379	50,124	425,287
	3567	Industrial furnaces and ovens.....	9	6	522	3,958
	----	All other industries <sup>1</sup> .....	8	3	203	1,872
3561	----	Pumps and compressors.....	582	243	60,042	542,037
	3561	Pumps and compressors.....	569	239	59,819	539,615
	----	All other industries <sup>1</sup> .....	13	4	223	2,422
3562	3593	Ball and roller bearings.....	107	81	46,439	407,744
3564	3564	Blowers and fans.....	207	104	15,947	145,050
3565	----	Industrial patterns.....	1,174	96	8,870	78,108
	3594	Industrial patterns and molds.....	1,168	95	8,817	77,678
	----	All other industries <sup>1</sup> .....	6	1	53	430
3566	----	Power transmission equipment.....	470	236	41,782	384,372
	3566	Power transmission equipment.....	460	231	41,565	382,582
	3361	Nonferrous castings.....	8	5	(D)	(D)
	----	All other industries <sup>1</sup> .....	2	...	(D)	(D)
3567	----	Industrial furnaces and ovens.....	201	89	10,288	96,450
	3567	Industrial furnaces and ovens.....	156	64	8,181	80,687
	3619	Electrical industrial apparatus, nec.....	44	24	(D)	(D)
	----	All other industries <sup>1</sup> .....	1	1	(D)	(D)
3569	3569	General industry machinery, nec.....	584	209	28,014	281,423
3571	----	Computing and related machines.....	136	71	80,864	579,103
	3571	Computing and related machines.....	133	69	80,715	578,280
	----	All other industries <sup>1</sup> .....	3	2	149	823
3572	3572	Typewriters.....	18	13	19,779	168,877
3576	3576	Scales and balances.....	72	32	5,347	49,125
3579	3579	Office machines, nec.....	120	72	15,625	173,424
3581	----	Automatic vending machines.....	121	53	7,894	64,694
	3579	Office and store machines, nec.....	80	34	4,347	34,749
	3585	Refrigeration machinery.....	32	18	3,456	29,349
	----	All other industries <sup>1</sup> .....	9	1	91	596
3582	----	Commercial laundry equipment.....	119	47	6,560	65,580
	3582	Laundry and dry-cleaning machinery.....	119	47	6,480	64,717
	----	All other industries <sup>1</sup> .....			80	863

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3584	3584	Vacuum cleaners, industrial.....	18	6	432	4,256
3585	----	Refrigeration machinery.....	625	278	67,715	598,032
	3585	Refrigeration machinery.....	585	267	66,739	589,078
	3997	Soda fountain and bar equipment.....	40	11	976	8,954
3586	3586	Measuring and dispensing pumps.....	32	20	6,201	64,689
3589	----	Service industry machines, nec.....	341	119	11,257	120,900
	3439	Heating and cooking equipment, nec.....	73	28	2,838	26,248
	3589	Service and household machines, nec.....	243	71	6,967	78,543
	3621	Electrical appliances.....	25	20	1,452	16,109
3599	----	Machine shops.....	10,151	1,089	115,535	959,099
	3599	Machine shops.....	10,139	1,087	114,892	953,395
	----	All other industries <sup>1</sup> .....	12	2	643	5,704
3611	----	Electrical measuring instruments.....	492	200	46,923	419,396
	3613	Electrical measuring instruments.....	484	198	45,004	409,594
	----	All other industries <sup>1</sup> .....	8	2	1,919	9,802
3612	----	Transformers.....	175	82	34,601	364,212
	3615	Transformers.....	172	81	34,546	363,351
	----	All other industries <sup>1</sup> .....	3	1	55	861
3613	----	Switchgear and switchboards.....	402	203	52,871	555,044
	3616	Electrical control apparatus.....	402	203	52,871	555,044
3621	3614	Motors and generators.....	378	237	93,541	813,124
3622	3616	Industrial controls.....	216	75	27,150	281,890
3623	3617	Welding apparatus.....	135	70	9,895	112,709
3624	3612	Carbon and graphite products.....	46	35	8,904	102,483
3629	----	Electric industrial goods, nec.....	286	111	16,842	137,547
	3619	Electrical industrial apparatus, nec.....	283	109	15,681	123,483
	----	All other industries <sup>1</sup> .....	3	2	1,161	14,064
3631	----	Household cooking equipment.....	69	55	18,152	181,091
	3439	Heating and cooking apparatus (except electrical).....	55	45	12,810	108,598
	3621	Electrical appliances.....	14	10	5,342	72,493
3632	----	Household refrigerators.....	26	26	41,493	433,369
	3585	Refrigeration machinery.....	26	26	41,493	433,369
3633	----	Household laundry equipment.....	39	33	24,597	324,480
	3581	Domestic laundry equipment.....	36	32	24,513	323,900
	----	All other industries <sup>1</sup> .....	3	1	84	580
3634	----	Electric housewares and fans.....	312	106	29,551	305,514
	3621	Electrical appliances.....	312	106	29,551	305,514
3635	----	Household vacuum cleaners.....	27	14	5,330	84,180
	3584	Vacuum cleaners.....	27	14	5,330	84,180
3636	3583	Sewing machines.....	85	17	9,607	61,991
3639	----	Household appliances, nec.....	94	71	14,622	162,664
	3439	Heating and cooking apparatus (except electric).....	50	38	8,729	80,227
	3589	Service and household machines, nec.....	26	18	4,630	71,927
	3621	Electrical appliances.....	18	15	1,263	10,510
3641	3651	Electric lamps.....	66	52	21,495	270,498
3642	----	Lighting fixtures.....	1,181	431	47,309	397,378
	3471	Lighting fixtures.....	1,177	429	47,231	396,665
	----	All other industries <sup>1</sup> .....	4	2	78	713
3643	----	Current carrying devices.....	422	160	34,808	294,189
	3611	Wiring devices and supplies.....	402	143	30,829	259,211
	3661	Radios and related products.....	20	17	3,979	34,978
3644	----	Noncurrent carrying devices.....	150	93	19,722	214,607
	3611	Wiring devices and supplies.....	150	93	19,722	214,607
3651	----	Radio and TV receiving sets.....	234	144	66,505	593,953
	3661	Radios and related products.....	234	144	66,505	593,953

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3652	3663	Phonograph records.....	94	53	7,421	93,073
3661	----	Telephone; telegraph apparatus.....	95	55	85,544	740,855
	3664	Telephone and telegraph equipment.....	68	54	85,214	737,691
	----	All other industries <sup>1</sup> .....	27	1	330	3,164
3662	----	Radio, TV, communication equipment.....	512	260	129,515	1,297,583
	3661	Radios and related products.....	318	211	118,575	1,199,758
	3669	Communication equipment, nec.....	178	43	10,387	92,112
	----	All other industries <sup>1</sup> .....	16	6	553	5,713
3671	----	Electron tubes, receiving type.....	85	41	36,968	285,799
	3662	Electron tubes.....	85	41	36,968	285,799
3672	----	Cathode ray picture tubes.....	75	30	8,554	67,472
	3662	Electron tubes.....	75	30	8,554	67,472
3673	----	Electron tubes, transmitting.....	48	44	20,146	165,803
	3662	Electron tubes.....	48	44	20,146	165,803
3679	----	Electronic components, nec.....	1,479	737	132,242	914,811
	3661	Radios and related products.....	1,414	684	105,018	693,823
	3662	Electron tubes.....	65	53	27,224	220,988
3691	3691	Storage batteries.....	276	106	14,924	150,061
3692	3692	Primary batteries, dry and wet.....	42	29	8,096	75,431
3693	3693	X-ray and therapeutic apparatus.....	126	33	5,258	58,436
3694	3641	Engine electrical equipment.....	166	98	39,840	366,626
3699	----	Electrical products, nec.....	259	99	10,259	73,581
	3699	Electrical products, nec.....	253	95	9,906	71,349
	3669	Communications equipment, nec.....	6	4	353	2,232
3713	----	Truck and bus bodies.....	562	187	20,009	145,608
	3713	Truck and bus bodies.....	558	185	19,868	144,929
	----	All other industries <sup>1</sup> .....	4	2	141	679
3715	3715	Truck trailers.....	170	93	15,669	131,140
3717	----	Motor vehicles and parts.....	1,551	744	541,510	6,473,927
	3599	Machine shops.....	250	73	5,797	48,445
	3566	Power transmission equipment.....	29	19	4,994	59,717
	3717	Motor vehicles and parts.....	1,264	651	530,658	6,365,106
	----	All other industries <sup>1</sup> .....	8	1	61	659
3721	3721	Aircraft.....	127	82	377,383	3,399,163
3722	3722	Aircraft engines and parts.....	223	175	159,094	1,615,671
3723	3723	Aircraft propellers and parts.....	18	10	15,505	112,301
3729	----	Aircraft equipment, nec.....	1,201	508	213,500	1,797,203
	3729	Aircraft equipment, nec.....	1,129	467	158,794	1,343,699
	3566	Power transmission equipment.....	17	14	1,935	16,583
	1929	Ammunition, nec.....	49	22	50,631	417,833
	----	All other industries <sup>1</sup> .....	6	5	2,140	19,088
3731	3731	Ship building and repairing.....	319	222	119,147	913,687
3732	----	Boat building and repairing.....	1,651	277	25,295	157,309
	3732	Boat building and repairing.....	1,646	276	25,216	156,731
	----	All other industries <sup>1</sup> .....	5	1	79	578
3741	3741	Locomotives and parts.....	25	13	15,282	152,086
3742	----	Railroad and street cars.....	67	44	24,309	167,576
	3742	Railroad and street cars.....	67	44	23,931	165,066
	----	All other industries <sup>1</sup> .....	67	44	378	2,510
3751	3751	Motorcycles, bicycles, and parts.....	51	29	7,578	52,125
3791	----	Trailer coaches, housing type.....	386	209	18,717	127,683
	3716	Automobile trailers.....	386	209	18,717	127,683
3799	----	Transportation equipment, nec.....	256	69	4,761	38,215
	3799	Transportation equipment, nec.....	133	40	2,530	17,672
	3716	Automobile trailers.....	119	27	2,017	18,885
	----	All other industries <sup>1</sup> .....	4	2	214	1,658
3811	----	Scientific instruments.....	567	206	67,456	606,530
	3811	Scientific instruments.....	493	175	63,465	576,059
	3576	Scales and balances.....	7	6	386	2,883
	----	All other industries <sup>1</sup> .....	67	25	3,605	27,588
3821	----	Mechanical measuring devices.....	627	229	50,049	457,126
	3821	Mechanical measuring instruments.....	618	222	48,072	441,340
	3571	Computing and related machines.....	9	7	1,727	12,617
	----	All other industries <sup>1</sup> .....	9	7	250	3,169

See footnotes at end of Part 1.



## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
3822	----	Automatic temperature controls.....	83	44	25,513	258,969
	3821	Mechanical measuring instruments.....	83	44	25,513	258,969
3831	3831	Optical instruments and lenses.....	224	58	7,184	60,387
3841	----	Surgical and medical instruments.....	231	88	10,293	85,153
	3841	Surgical and medical instruments.....	206	66	8,714	72,647
	2532	Professional furniture.....	25	22	1,579	12,506
3842	----	Surgical appliances and supplies.....	590	161	24,179	257,640
	3842	Surgical appliances and supplies.....	561	144	21,826	230,141
	3699	Electrical products, nec.....	25	14	1,984	25,714
	----	All other industries <sup>1</sup> .....	4	3	369	1,785
3843	3843	Dental equipment and supplies.....	249	55	7,242	71,574
3851	3851	Ophthalmic goods.....	246	104	18,223	136,696
3861	3861	Photographic equipment.....	480	159	60,262	788,759
3871	3871	Watches and clocks.....	168	65	23,505	165,158
3872	3872	Watchcases.....	61	24	2,652	18,398
3911	3911	Jewelry, precious metal.....	1,302	183	21,010	165,549
3912	3912	Jewelers' findings and materials.....	249	56	5,101	33,434
3913	3913	Lapidary work.....	326	18	1,904	14,605
3914	3914	Silverware and plated ware.....	209	87	13,852	109,728
3931	----	Musical instruments and parts.....	274	117	17,450	131,703
	3931	Pianos.....	24	22	5,824	37,316
	3932	Organs.....	50	19	2,314	19,252
	3933	Piano and organ parts.....	49	23	3,335	31,133
	3939	Musical instruments, nec <sup>7</sup> .....	151	53	5,977	44,002
3941	3941	Games and toys, nec.....	854	367	42,972	288,863
3942	3942	Dolls.....	485	162	13,860	77,149
3943	3943	Children's vehicles.....	58	33	4,708	31,727
3949	----	Sporting and athletic goods, nec.....	1,210	302	37,164	314,059
	3949	Sporting and athletic goods.....	1,206	299	37,025	313,014
	----	All other industries <sup>1</sup> .....	4	3	139	1,045
3951	----	Pens and mechanical pencils.....	147	66	11,179	90,197
	3951	Pens and mechanical pencils.....	142	64	10,957	88,269
	2899	Chemical products, nec.....	5	2	222	1,928
3952	----	Lead pencils and art goods.....	146	54	6,687	47,909
	3952	Lead pencils.....	53	33	4,891	35,980
	3954	Artists' materials.....	93	21	1,796	11,929
3953	----	Marking devices.....	525	70	5,447	39,940
	3953	Hand stamps and stencils.....	525	70	5,430	39,775
	----	All other industries <sup>1</sup> .....	525	70	17	165
3955	3955	Carbon paper and inked ribbons.....	103	61	5,818	58,951
3961	3961	Costume jewelry.....	1,051	255	25,286	138,043
3962	3962	Artificial flowers.....	431	101	6,770	34,650
3963	----	Buttons.....	356	87	6,462	37,967
	3963	Buttons.....	356	87	6,453	37,908
	----	All other industries <sup>1</sup> .....	356	87	9	59
3964	----	Needles, pins, and fasteners.....	367	128	17,756	127,664
	3964	Needles, pins, and fasteners <sup>7</sup> .....	367	128	17,756	127,664
3981	3981	Brooms and brushes.....	723	179	17,082	137,496
3982	2274	Hard surface floor coverings.....	14	14	7,999	95,145
3983	3983	Matches.....	23	20	5,127	41,776
3984	3984	Candles.....	86	25	2,516	17,668
3987	3987	Lamp shades.....	270	50	3,895	18,577
3988	3988	Morticians' goods.....	592	219	17,362	128,879
3992	3992	Furs, dressed and dyed.....	137	31	2,696	24,112
3993	----	Signs and advertising displays.....	2,725	460	36,170	281,168
	3993	Signs and advertising displays.....	2,721	459	36,100	280,763
	----	All other industries <sup>1</sup> .....	4	1	70	405
3995	3995	Umbrellas, parasols, and canes.....	123	43	2,932	16,602
3999	----	Miscellaneous products, nec.....	1,259	264	27,285	192,313
	3579	Office and store machines, nec.....	26	12	3,100	18,675
	3991	Beauty and barber shop equipment.....	75	22	1,892	16,150
	3994	Hair work.....	130	24	1,593	8,322
	3996	Tobacco pipes.....	32	10	1,122	7,105
	3999	Miscellaneous products, nec.....	986	190	19,279	140,596
	----	All other industries <sup>1</sup> .....	10	6	299	1,465

See footnotes at end of Part 1.

## Part 1.—Derivation of New SIC Industries from Old SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number	Value added by manufacture, adjusted (\$1,000)
New SIC	Old SIC		Total	With 20 or more employees		
1911	1911	Guns, howitzers, and mortars.....	5	4	251	2,942
1921	1921	Artillery ammunition.....	25	17	4,028	26,811
1922	1922	Ammunition loading.....	6	4	1,189	8,985
1925	----	Complete guided missiles.....	26	26	108,431	1,153,021
	1929	Ammunition, nec.....	23	23	100,678	1,104,394
	----	All other industries <sup>1</sup> .....	3	3	7,753	48,627
1929	----	Ammunition, nec.....	19	16	6,114	51,231
	1929	Ammunition, nec.....	19	16	5,875	50,213
	----	All other industries <sup>1</sup> .....			239	1,018
1931	1931	Tanks and tank components.....	17	10	7,069	63,711
1941	----	Sighting and fire control equipment.....	25	20	45,506	457,757
	1941	Sighting and fire control equipment.....	25	20	44,571	448,724
	----	All other industries <sup>1</sup> .....			955	9,033
1951	1951	Small arms, 30 mm and under.....	34	23	8,010	51,005
1961	1961	Small arms ammunition.....	24	12	9,049	82,733
1999	1999	Ordnance and accessories, nec.....	47	22	15,297	162,190

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>These data are for a miscellaneous group of establishments that were classified in the industry because of (a) shifts in their product classification to conform to the new SIC and (b) classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>2</sup>Includes 1 establishment classified in the old Industry 2411, Logging Camps and Contractors.

<sup>3</sup>Includes 1 establishment previously classified in Industry 2394 and 1 establishment in Industry 2561, not shown separately in order to avoid disclosing figures for individual companies.

<sup>4</sup>Includes 19 establishments formerly in Industry 2899, Chemical Products, NEC, which were reclassified into Industry 2819 because of the change in definition of Industry 2819 to include establishments primarily engaged in the manufacture of chemical catalytic preparations.

<sup>5</sup>Includes 12 plants that were formerly classified in the old Industry 2842, Cleaning and Polishing Preparations, and 1 plant formerly classified in Industry 2851, Paint and Varnishes. This reclassification was caused by the transfer of paint and varnish removers and brush cleaners from old Industry 2842 to new Industry 2852.

<sup>6</sup>Includes establishments with 2,500 to 4,999 employees primarily engaged in producing synthetic sausage casings which were classified into this industry from old Industry 2013, Prepared Meats.

Represents establishments which produce seamless pipe from purchased materials. For years prior to 1958 such establishments were included in Industry 3312, but the 1957 edition of the SIC Manual classifies such establishments in Industry 3317 along with other establishments producing pipe and tubes from purchased materials. However, since the product data reported for steel pipe and tubes differentiated by type of pipe, e.g., standard, line, pressure, mechanical, etc., rather than by method of manufacture, it is possible that a few additional establishments may have been misclassified in the steel pipe and tubes industry which properly belonged in the Blast Furnaces and Steel Mills industry in the previous classification system.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2011	<del>2011</del>	Meat packing plants.....	2,801	977	200,783	1,746,603
<del>2013</del>	----	Prepared meats.....	1,500	500	51,451	472,265
	2013	Prepared meats.....	1,480	493	48,184	435,995
	----	All other industries <sup>2 3</sup> .....	20	7	3,267	36,270
2015	2015	Poultry dressing plants.....	1,131	518	55,635	266,177
<del>2021</del>	----	Creamery butter.....	1,066	233	17,567	149,326
	2021	Creamery butter.....	1,058	228	17,295	147,207
	----	All other industries <sup>2</sup> .....	8	5	272	2,119
2022	----	Natural cheese.....	1,290	184	15,205	126,753
	2022	Natural cheese.....	1,195	158	13,351	106,949
	2026	Fluid milk.....	95	26	1,854	19,804
2023	----	Concentrated milk.....	296	194	12,495	180,372
	2023	Condensed and evaporated milk.....	289	189	12,091	176,022
	----	All other industries <sup>2</sup> .....	7	5	404	4,350
2024	----	Ice cream and ices.....	1,389	462	35,125	397,674
	2024	Ice cream and frozen desserts.....	1,379	453	34,487	392,765
	----	All other industries <sup>2</sup> .....	10	9	638	4,909
2025	----	Special dairy products.....	203	55	5,714	60,585
	2023	Condensed and evaporated milk.....	24	13	1,354	26,687
	2025	Special dairy products.....	107	35	3,571	23,923
	2026	Fluid milk.....	72	7	789	9,975
2027	----	Fluid milk and other products.....	5,628	2,184	207,602	1,948,875
	2026	Fluid milk.....	5,625	2,183	207,519	1,948,476
	----	All other industries <sup>2</sup> .....	3	1	83	399
2031	----	Canned seafood.....	252	142	12,696	87,749
	2031	Canned and cured seafoods.....	252	142	12,696	87,749
2032	----	Cured fish.....	81	26	2,017	12,493
	2031	Canned and cured seafoods.....	81	26	2,017	12,493
<del>2033</del>	----	Canned fruits and vegetables.....	1,652	966	123,473	1,243,376
	2032	Canned specialties.....	100	66	23,986	338,240
	2033	Canned fruits and vegetables.....	1,523	884	96,906	772,210
	2015	Poultry dressing plants.....	14	8	1,944	9,869
	2037	Frozen fruits and vegetables.....	2	2	(D)	(D)
	2086	Bottled and canned soft drinks.....	10	5	260	4,056
	----	All other industries <sup>2</sup> .....	3	1	(D)	(D)
2034	2034	Dehydrated fruits and vegetables.....	161	67	7,599	75,529
<del>2035</del>	----	Pickles and sauces.....	705	235	22,952	203,238
	2033	Canned fruits and vegetables.....	84	29	3,178	36,096
	2035	Pickles and sauces.....	621	205	19,500	164,624
	----	All other industries <sup>2</sup> .....		1	274	2,518
2036	2036	Packaged seafood.....	440	223	17,469	82,368
<del>2037</del>	----	Frozen fruits and vegetables.....	303	178	26,288	219,321
	2037	Frozen fruits and vegetables.....	297	173	25,370	209,444
	----	All other industries <sup>2</sup> .....	6	5	918	9,877
2041	2041	Flour and meal.....	814	250	28,215	393,053
2042	2042	Prepared animal feeds.....	2,379	715	57,313	798,892
2043	2043	Cereal breakfast foods.....	43	25	10,927	243,088
2044	2044	Rice milling.....	72	51	3,843	53,152
2045	2045	Flour mixes.....	117	30	4,894	118,073
2051	2051	Bread and related products.....	5,985	2,149	256,963	2,111,820
2052	2052	Biscuit and crackers.....	299	180	42,983	505,618
2061	2061	Raw cane sugar.....	50	44	3,011	21,841
2062	2062	Cane sugar refining.....	28	25	15,213	184,824
2063	2063	Beet sugar.....	66	66	10,324	130,393
2071	2071	Confectionery products.....	1,367	411	65,722	507,785

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2072	2072	Chocolate and cocoa products.....	28	25	8,271	135,098
2073	2073	Chewing gum.....	26	15	5,344	102,280
N 2081	----	Bottled soft drinks.....	4,357	1,407	96,143	840,971
	2086	Bottled and canned soft drinks.....	4,352	1,406	96,087	840,632
	----	All other industries <sup>2</sup> .....	5	1	56	339
2082	2082	Beer and ale.....	258	224	71,494	1,114,590
2083	2083	Malt.....	46	34	2,404	55,087
2084	2084	Wines and brandy.....	239	73	5,941	114,242
2085	2085	Distilled liquor, except brandy.....	122	91	20,528	444,831
2091	----	Leavening compounds.....	39	22	2,391	58,809
	2099	Food preparations, nec.....	39	22	2,391	58,809
N 2092	----	Shortening and cooking oils.....	91	52	9,578	160,461
	2096	Shortening and cooking oils.....	69	50	9,419	158,256
	----	All other industries <sup>2</sup> .....	22	2	159	2,205
2093	----	Margarine.....	34	28	2,699	56,490
	2096	Shortening and cooking oils.....	34	28	2,699	56,490
2094	----	Corn wet milling.....	59	26	13,792	249,435
	2046	Wet corn milling.....	59	26	13,792	249,435
2095	2087	Flavorings.....	527	94	9,446	262,025
2097	2097	Manufactured ice.....	1,570	170	14,557	107,527
2098	2098	Macaroni and spaghetti.....	214	76	6,825	67,130
2099	----	Food preparations, nec.....	2,925	862	86,312	1,173,897
	2015	Poultry dressing plants.....	79	66	.052 4,490	30,923
	2032	Canned specialties.....	7	3	.002 200	2,607
	2052	Biscuit and crackers.....	35	23	.016 1,350	16,872
	2071	Confectionery products.....	25	10	.008 665	3,305
	2099	Food preparations, nec.....	2,642	670	.758 65,448	1,005,663
	2037	Frozen fruits and vegetables.....	139	90	.104 14,159	113,927
	----	All other industries <sup>2</sup> .....				
2111	2111	Cigarettes.....	19	16	33,832	1,058,554
2121	2121	Cigars.....	283	114	29,350	183,140
2131	2131	Chewing and smoking tobacco.....	58	28	6,348	86,188
2141	2141	Tobacco stemming and redrying.....	144	122	14,937	85,578
(2211)	2297	Scouring and combing plants.....	81	46	6,075	36,073
✓ (2212)	----	Yarn mills, wool, except carpet... <i>all to 2228</i> .....	132	114	15,809	88,101
	2281	Yarn mills, except wool.....	17	17	3,743	22,689
	2283	Wool yarn mills.....	111	96	12,009	65,197
	----	All other industries <sup>2</sup> .....	4	1	57	215
✓ (2213)	----	Woolen and worsted fabrics..... <i>all to 2228</i> .....	308	228	49,326	292,706
	2231	Weaving, finishing mills, wool.....	305	227	49,252	292,365
	----	All other industries <sup>2</sup> .....	3	1	74	341
(2216)	----	Finishing wool textiles.....	74	44	4,771	32,383
	2231	Weaving, finishing mills, wool.....	74	44	4,771	32,383
(2222)	----	Yarn throwing mills.....	117	88	9,085	50,902
	2282	Throwing and winding mills.....	117	88	9,085	50,902
(2223)	2284	Thread mills.....	86	49	11,213	62,965
2224	----	Yarn mills, cotton system.....	359	311	75,538	337,461
	2281	Yarn mills, except wool.....	316	282	.822 61,929	259,114
	2296	Tire cord and fabric.....	23	23	.162 12,214	69,844
	2282	Throwing and winding mills.....	20	6	{ 178	1,085
	----	All other industries <sup>2</sup> .....				
(2233)	----	Cotton broad-woven fabrics..... <i>all to 2228</i> .....	492	394	242,451	1,073,743
	2211	Weaving mills, cotton.....	489	393	242,145	1,070,569
	----	All other industries <sup>2</sup> .....	3	1	306	3,174
2234	----	Synthetic broad-woven fabrics.....	404	312	82,583	473,226
	2221	Weaving mills, synthetics.....	401	310	81,688	468,583
	----	All other industries <sup>2</sup> .....	3	2	895	4,643
N 2241	----	Narrow fabric mills.....	490	243	24,633	142,871
	2241	Narrow fabric mills.....	490	243	{ 24,587	142,638
	----	All other industries <sup>2</sup> .....				
					46	233

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2251	2251	Full-fashioned hosiery mills.....	432	241	33,687	172,996
2252	2252	Seamless hosiery mills.....	659	489	69,483	290,825
2253	2253	Knit outerwear mills.....	1,120	632	60,603	339,582
2254	2254	Knit underwear mills.....	140	122	27,918	135,703
2255	----	Knit glove mills.....	24	19	1,808	6,710
	2259	Knitting mills, nec.....	24	19	1,808	6,710
2256	2256	Knit fabric mills.....	357	181	18,356	147,394
2259	2259	Knitting mills, nec.....	51	19	1,422	7,833
2261	----	Finishing textiles, except wool.....	809	393	73,553	457,962
2261		Finishing plants, cotton.....	446	174	49,212	289,115
2262		Finishing plants, synthetics.....	197	132	16,185	114,825
2269		Dyeing and finishing textiles, nec.....	155	79	7,808	52,005
----		All other industries <sup>2</sup> .....	11	8	348	2,017
2271	----	Wool carpets and rugs.....	115	86	24,995	180,247
2271		Woven carpets and rugs.....	52	39	17,491	125,514
2272		Tufted carpets and rugs.....	13	9	1,267	(D)
2279		Carpets and rugs, nec.....	3	2	989	(D)
2281		Yarn mills, except wool.....	11	10	1,297	5,824
2283		Wool yarn mills.....	36	26	3,951	25,966
2273	----	Carpets and rugs, except wool.....	214	122	13,921	112,009
2271		Woven carpets and rugs.....	17	8	660	2,930
2272		Tufted carpets and rugs.....	79	63	10,261	(D)
2279		Carpets and rugs, nec.....	118	51	3,000	(D)
2274	----	Hard-surface floor coverings.....	16	16	8,091	93,411
3982		Hard-surface floor coverings.....			7,999	93,145
----		All other industries <sup>2</sup> .....	16	16	92	266
2281	----	Fur-felt hats and hat bodies.....	64	36	6,278	37,507
2352		Hats and caps.....	53	36	6,221	37,222
----		All other industries <sup>2</sup> .....	11	...	57	285
2282	----	Wool-felt hats and hat bodies.....	23	9	1,809	8,405
2352		Hats and caps.....	16	9	1,782	8,265
----		All other industries <sup>2</sup> .....	7	...	27	140
2283	----	Straw hats.....	37	24	2,058	10,010
2352		Hats and caps.....	33	24	2,026	9,920
----		All other industries <sup>2</sup> .....	4	...	32	90
2284	----	Hatter's fur.....	25	8	612	3,421
2398		Trimnings and stitching.....	25	8	612	3,421
2291	2291	Felt goods, nec.....	66	28	4,573	44,443
2292	----	Lace goods.....	211	68	6,769	34,698
2292		Lace goods.....	208	66	6,689	34,247
----		All other industries <sup>2</sup> .....	3	2	80	451
2293	2293	Padding and upholstery filling.....	196	83	7,139	57,303
2294	2294	Processed textile waste.....	183	68	4,607	31,100
2295	----	Coated fabric, except rubberized.....	128	66	10,527	103,213
2295		Coated fabric, not rubberized.....			10,182	100,420
----		All other industries <sup>2</sup> .....	128	66	345	2,793
2298	2298	Cordage and twine.....	147	71	9,583	65,106
2299	----	Textile goods, nec.....	175	72	10,119	74,919
2299		Textile goods, nec.....	138	49	7,862	60,841
2282		Throwing and winding mills.....			2,245	13,948
----		All other industries <sup>2</sup> .....	37	23	12	130
2311	2311	Men's and boys' suits and coats.....	1,353	757	121,857	641,292
2312	----	Suit and coat findings.....	93	44	2,420	13,549
2398		Trimnings and stitching.....	93	44	2,420	13,549
2321	2321	Men's dress shirts and nightwear.....	880	606	103,596	421,876
2322	----	Men's and boys' underwear.....	94	75	12,487	51,984
2322		Men's and boys' underwear.....	91	73	12,326	51,621
----		All other industries <sup>2</sup> .....	3	2	161	363
2323	2323	Men's and boys' neckwear.....	360	110	7,663	48,692

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2325	----	Men's and boys' cloth hats.....	346	101	7,746	36,160
	2352	Hats and caps.....	346	101	7,672	35,891
	----	All other industries <sup>2</sup> .....			74	269
2326	----	Hat and cap materials.....	42	8	623	4,033
	2398	Trimnings and stitching.....	42	8	623	4,033
2327	----	Separate trousers.....	748	366	51,592	208,684
	2327	Separate trousers.....	744	363	51,365	207,866
	----	All other industries <sup>2</sup> .....	4	3	227	818
2328	----	Work shirts.....	50	40	6,282	20,482
	2328	Work clothing.....	50	40	6,282	20,482
2329	----	Men's and boys' clothing, nec.....	989	680	90,890	384,950
	2328	Work clothing.....	450	356	58,498	234,999
	2329	Men's and boys' clothing, nec.....	539	324	32,392	149,951
2331	2331	Blouses.....	1,236	722	46,317	189,265
2333	----	Dresses, unit price.....	3,700	2,346	135,606	765,236
	2335	Women's dresses.....	3,700	2,346	135,606	765,236
2334	----	Dresses, dozen price.....	1,204	665	57,273	246,244
	2335	Women's dresses.....	953	553	49,111	205,727
	2339	Women's outerwear, nec.....	251	112	8,162	40,517
2337	----	Women's suits, coats, and skirts.....	2,685	1,350	84,159	514,947
	2337	Women's suits, coats, and skirts.....	2,685	1,350	84,145	514,901
	----	All other industries <sup>2</sup> .....			14	46
2338	----	Women's neckwear and scarfs.....	88	21	1,447	8,300
	2339	Women's outerwear, nec.....	88	21	1,447	8,300
2339	----	Women's outerwear, nec.....	840	433	35,221	189,680
	2331	Women's blouses.....	24	13	1,167	10,899
	2339	Women's outerwear, nec.....	816	420	34,054	178,781
2341	2341	Women's and children's underwear.....	1,231	720	73,527	347,705
2342	----	Corsets and allied garments.....	423	284	38,144	249,974
	2342	Corsets and allied garments.....	414	279	37,808	248,543
	2389	Apparel, nec.....	6	3	253	1,170
	3042	Surgical appliances and supplies.....	3	2	83	261
2351	2351	Millinery.....	803	284	17,838	109,133
2361	2361	Children's dresses.....	779	473	34,685	160,628
2363	2363	Children's coats.....	370	210	12,798	68,205
2369	----	Children's outerwear, nec.....	779	391	33,326	152,516
	2361	Children's dresses.....	23	14	1,438	6,466
	2369	Children's outerwear, nec.....	756	377	31,888	146,050
2371	2371	Fur goods.....	1,651	78	9,355	95,411
2381	----	Fabric dress gloves.....	101	44	4,176	19,299
	2381	Fabric dress and work gloves.....	101	44	4,176	19,299
2382	----	Fabric work gloves.....	127	86	9,765	34,631
	2381	Fabric dress and work gloves.....	127	86	9,765	34,631
2383	----	Suspenders and garters.....	40	9	797	3,982
	2389	Apparel, nec.....	40	9	797	3,982
2384	2384	Robes and dressing gowns.....	278	155	10,625	56,442
2385	----	Waterproof outer garments.....	279	138	13,395	73,859
	2385	Waterproof outer garments.....	279	138	13,159	73,070
	----	All other industries <sup>2</sup> .....			236	789
2386	2386	Leather and sheeplined clothing.....	154	71	4,626	27,847
2387	----	Belts.....	457	146	10,222	53,994
	2387	Apparel belts.....	457	146	10,150	53,726
	----	All other industries <sup>2</sup> .....			72	268
2388	----	Handkerchiefs.....	83	35	2,536	14,535
	2389	Apparel, nec.....	83	35	2,536	14,535
2389	----	Apparel, nec.....	182	46	3,954	21,622
	2389	Apparel, nec.....	182	46	3,939	21,575
	----	All other industries <sup>2</sup> .....			15	47

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code			Establishments, number		All employees, number	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2391	2391	Curtains and draperies.....	781	205	16,325	87,053
2392	----	Housefurnishings, nec.....	1,209	396	37,005	219,425
	2392	Housefurnishings, nec.....	1,205	393	36,769	218,295
	----	All other industries <sup>2</sup> .....	4	3	236	1,130
2393	2393	Textile bags.....	237	101	9,114	51,638
2394	----	Canvas products.....	853	125	9,902	53,820
	2394	Canvas products.....	853	125	9,875	53,696
	----	All other industries <sup>2</sup> .....			27	124
2395	----	Tucking, pleating, and stitching.....	448	70	5,042	23,929
	2398	Trimnings and stitching.....	448	70	5,042	23,929
2396	----	Trimnings and art goods.....	739	178	16,557	94,700
	2398	Trimnings and stitching.....	739	178	16,557	94,700
2397	----	Schiffli machine embroideries.....	707	49	5,807	44,581
	2397	Schiffli machine embroideries.....	703	48	5,739	44,311
	----	All other industries <sup>2</sup> .....	4	1	68	270
2398	----	Embroideries, except Schiffli.....	832	102	7,458	37,054
	2398	Trimnings and stitching.....	832	102	7,458	37,054
2399	----	Fabricated textile products, nec.....	1,009	242	18,283	104,304
	2231	Weaving, finishing mills, wool.....	85	35	1,723	10,709
	2399	Textile products, nec.....	912	206	16,476	92,428
	3717	Motor vehicles and parts.....	8	1	61	659
	----	All other industries <sup>2</sup> .....	4	...	23	508
2411	----	Logging camps and contractors.....	12,793	550	71,367	386,625
	2411	Logging camps and contractors.....	12,782	550	71,309	386,421
	----	All other industries <sup>2</sup> .....	11	...	58	204
2421	----	Sawmills and planing mills.....	16,046	2,709	268,496	1,292,640
	2421	Sawmills and planing mills.....	15,623	2,483	245,032	1,189,360
	2426	Hardwood dimension and flooring.....	340	209	21,546	95,429
	2429	Special product sawmills, nec.....	38	...	251	1,495
	2411	Logging camps and contractors.....	23	4	196	997
	----	All other industries <sup>2</sup> .....	22	13	1,471	7,359
2422	----	Veneer mills.....	288	206	13,103	75,116
	2432	Veneer and plywood plants.....	288	206	13,103	75,116
2423	----	Shingle mills.....	219	40	2,731	17,159
	2429	Special product sawmills, nec.....	219	40	2,731	17,159
2424	----	Cooperage stock mills.....	156	44	2,958	10,499
	2429	Special product sawmills, nec.....	156	44	2,958	10,499
2425	----	Excelsior mills.....	65	21	1,236	6,970
	2429	Special product sawmills, nec.....	65	21	1,236	6,970
2431	----	Millwork plants.....	3,021	713	61,441	410,623
	2431	Millwork plants.....	2,991	700	60,511	404,364
	2499	Wood products, nec.....	18	6	318	2,460
	----	All other industries <sup>2</sup> .....	12	7	612	3,799
2432	----	Plywood plants.....	313	257	47,706	326,756
	2432	Veneer and plywood plants.....	293	242	45,832	312,068
	2499	Wood products, nec.....			1,594	12,870
	----	All other industries <sup>2</sup> .....	20	15	280	1,818
2433	2433	Prefabricated wood products.....	374	150	13,550	122,344
2441	----	Fruit and vegetable baskets.....	99	61	5,256	17,722
	2443	Veneer and plywood containers.....	99	61	5,256	17,722
2442	----	Rattan and willow ware.....	54	16	1,368	6,183
	2499	Wood products, nec.....	36	14	1,246	5,663
	2442	Wire bound boxes and crates.....	18	2	122	520
2443	----	Cigar boxes.....	7	3	220	1,053
	2441	Nailed wooden boxes and shooks.....	7	3	220	1,053

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2444	----	Wooden boxes.....	944	306	28,884	138,065
	2441	Nailed wooden boxes.....	858	245	19,480	94,875
	2442	Wirebound boxes and crates.....	80	57	9,244	42,589
	2443	Veneer and plywood containers.....	6	4	160	601
2445	2445	Cooperage.....	190	35	3,871	19,843
2491	2491	Wood preserving.....	306	148	10,933	72,508
2492	----	Lasts and related products.....	65	27	2,024	15,307
	2499	Wood products, nec.....	65	27	2,024	15,307
2493	----	Mirror and picture frames.....	346	58	5,738	37,643
	2499	Wood products, nec.....	346	58	5,738	37,643
2499	----	Wood products, nec.....	2,311	521	37,757	193,234
	2426	Hardwood dimension and flooring.....	96	54	3,594	16,925
	2499	Wood products, nec.....	2,206	464	34,035	175,711
	----	All other industries <sup>2</sup> .....	9	3	128	598
NC 2511	----	Wood house furniture, not upholstered.....	2,816	931	125,263	704,278
	2511	Wood furniture, not upholstered.....	2,810	930	125,192	704,018
	----	All other industries <sup>2</sup> .....	6	1	71	260
NC 2512	----	Upholstered household furniture.....	1,922	771	67,655	432,194
	2512	Wood furniture, upholstered.....	1,756	682	61,442	391,058
	2515	Mattresses and bedsprings.....	163	88	6,186	40,957
	----	All other industries <sup>2</sup> .....	3	1	27	179
NC 2514	----	Metal household furniture.....	627	273	30,704	218,989
	2514	Metal household furniture.....	623	271	30,623	218,373
	----	All other industries <sup>2</sup> .....	4	2	81	616
2515	2515	Mattresses and bedsprings.....	1,052	289	25,517	207,844
NC 2519	----	Household furniture, nec.....	93	33	2,215	16,304
	2519	Household furniture, nec.....	93	33	2,186	16,122
	----	All other industries <sup>2</sup> .....	93	33	29	182
2521	2521	Wood office furniture.....	150	56	5,821	38,427
2522	2522	Metal office furniture.....	151	88	17,469	173,673
2531	----	Public-building furniture.....	388	146	16,052	113,785
	2531	Public-building furniture.....	388	146	15,841	112,088
	----	All other industries <sup>2</sup> .....	388	146	211	1,697
2532	----	Professional furniture.....	94	50	7,431	57,786
	3841	Surgical and medical instruments.....	25	22	1,579	12,506
	----	All other industries <sup>2</sup> .....	69	28	5,852	45,280
NC 2541	----	Partitions and fixtures.....	1,848	428	37,853	305,196
	254-	Partitions and fixtures.....	1,844	425	37,526	300,218
	----	All other industries <sup>2</sup> .....	4	3	327	4,978
2561	----	Window and door screens.....	272	54	4,628	37,803
	2431	Millwork plants.....	168	11	1,200	7,680
	3442	Metal doors, sash, and trim.....	100	42	3,403	29,972
	----	All other industries <sup>2</sup> .....	4	1	25	151
2562	----	Window shades.....	287	26	4,692	40,456
	2591	Venetian blinds and shades.....	287	26	4,692	40,456
2563	----	Venetian blinds.....	561	57	6,465	42,766
	2591	Venetian blinds and shades.....	561	57	6,465	42,766
NC 2591	----	Restaurant furniture.....	172	45	3,187	23,844
	2599	Furniture and fixtures, nec.....	168	43	3,102	23,024
	----	All other industries <sup>2</sup> .....	4	2	85	820
2599	2599	Furniture and fixtures, nec.....	84	29	2,823	22,335
2611	----	Pulp mills.....	69	52	14,631	207,305
	2611	Pulp mills.....	59	48	14,171	196,026
	2861	Gum and wood chemicals.....	10	4	460	11,279
2612	----	Paper and paperboard mills.....	606	568	188,420	2,381,875
	2621	Paper mills, except building.....	354	318	131,334	1,541,818
	2631	Paperboard mills.....	252	250	57,086	840,057
2613	2661	Building paper and board mills.....	129	96	20,363	213,369

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2641	----	Paper coating and glazing.....	302	155	24,976	288,724
2641	2641	Paper coating and glazing.....	298	152	24,462	283,869
----	----	All other industries <sup>2</sup> .....	4	3	514	4,855
2651	----	Envelopes.....	207	146	17,767	138,416
2652	2652	Envelopes.....	207	146	17,757	138,318
----	----	All other industries <sup>2</sup> .....			10	98
2661	----	Paper bags.....	510	250	38,574	305,268
2643	2643	Bags, except textile bags.....	458	249	38,279	303,587
----	----	All other industries <sup>2</sup> .....	52	1	295	1,681
2671	----	Paperboard boxes.....	1,846	1,202	140,713	1,115,617
2651	2651	Folding paperboard boxes.....	514	341	46,389	391,031
2652	2652	Set-up paperboard boxes.....	527	347	23,532	124,892
2653	2653	Corrugated shipping containers.....	759	489	69,141	582,416
2655	2655	Fiber cans, tubes, drums, etc.....	9	3	358	2,423
----	----	All other industries <sup>2</sup> .....	37	22	1,293	14,855
2674	----	Fiber cans, tubes, drums, etc.....	189	109	10,613	77,125
2655	2655	Corrugated shipping containers.....	189	109	10,613	77,125
2691	----	Die-cut paper and board.....	371	118	11,843	106,924
2645	2645	Die-cut paper and board.....	371	118	11,798	106,783
----	----	All other industries <sup>2</sup> .....			45	141
2693	2644	Wallpaper.....	73	29	2,806	21,463
2694	----	Pulp goods, pressed and molded.....	55	28	4,472	49,819
2646	2646	Pressed and molded pulp goods.....	55	28	4,472	49,819
2699	----	Paper and board products, nec.....	981	516	81,298	802,626
2641	2641	Paper coating and glazing.....	38	21	2,257	28,377
2649	2649	Paper and board products, nec.....	726	313	43,181	412,206
2653	2653	Corrugated shipping containers.....	46	25	1,651	14,518
2654	2654	Sanitary food containers.....	136	125	29,493	309,224
2751	2751	Printing: letterpress.....	28	25	3,409	29,184
2752	2752	Printing: lithographic.....	4	4	373	2,689
----	----	All other industries <sup>2</sup> .....	3	3	934	6,428
2711	2711	Newspapers.....	8,250	1,724	294,258	2,516,921
2721	2721	Periodicals.....	2,323	387	66,028	932,554
2731	2731	Books: publishing.....	903	233	40,069	616,241
2732	2732	Book printing.....	791	205	28,625	226,793
2741	2741	Miscellaneous publishing.....	1,105	164	19,870	206,851
2751	----	Commercial printing.....	13,160	1,710	198,425	1,587,832
2751	2751	Printing: letterpress.....	12,835	1,580	183,380	1,435,990
2752	2752	Printing: lithographic.....	36	7	487	4,063
2761	2761	Manifold business forms.....	273	115	14,042	143,649
----	----	All other industries <sup>2</sup> .....	16	8	516	4,130
2761	----	Lithographing.....	4,248	1,086	98,035	885,276
2751	2751	Printing: letterpress.....	125	31	1,651	12,522
2752	2752	Printing: lithographic.....	3,703	1,015	88,808	790,501
2761	2761	Manifold business forms.....	411	37	7,351	80,934
----	----	All other industries <sup>2</sup> .....	9	3	225	1,319
2771	2771	Greeting cards.....	282	100	21,777	178,563
2781	----	Bookbinding.....	757	227	17,898	105,032
2789	2789	Bookbinding and related work.....	757	227	17,894	105,021
----	----	All other industries <sup>2</sup> .....			4	11
2782	----	Blankbooks and paper ruling.....	310	110	10,840	83,239
2761	2761	Manifold business forms.....	18	13	2,199	20,383
2782	2782	Blankbooks; looseleaf binders.....	289	95	8,141	59,244
----	----	All other industries <sup>2</sup> .....	3	2	500	3,612
2783	----	Looseleaf binders and devices.....	138	65	9,150	69,594
2782	2782	Blankbooks; looseleaf binders.....	136	64	9,079	69,159
----	----	All other industries <sup>2</sup> .....	2	1	71	435

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
NC 2789	----	Miscellaneous bookbinding work.....	215	67	4,290	27,858
	2789	Bookbinding and related work.....	213	65	4,152	26,957
	----	All other industries <sup>2</sup> .....	2	2	138	901
	2791	Typesetting.....	1,188	247	18,011	155,125
	2792	Engraving and plate printing.....	528	102	9,047	64,471
	2793	Photoengraving.....	914	272	17,251	172,158
	2794	Electrotyping and stereotyping.....	226	111	6,759	62,675
	2811	Sulfuric acid.....	50	38	3,455	72,649
	2819	Inorganic chemicals, nec.....	50	38	3,455	72,649
	2812	Alkalies and chlorine.....	34	32	20,476	306,187
	2819	Inorganic chemicals, nec.....	509	251	84,909	1,369,179
	2821	Cyclic (coal tar) crudes.....	45	23	2,084	29,993
	2822	Intermediates and organic colors.....	115	87	26,218	373,106
	2815	Intermediate coal tar products.....	115	87	26,218	373,106
	2823	Plastics materials.....	343	195	50,781	863,991
	2824	Synthetic rubber.....	18	17	9,232	197,866
	2825	Synthetic fiber.....	42	41	61,496	837,667
	2823	Cellulosic man-made fibers.....	26	26	42,597	390,310
	2824	Organic fibers, noncellulosic.....	16	15	18,684	439,638
	----	All other industries <sup>2</sup> .....			215	7,719
	2826	Explosives.....	77	58	14,971	131,646
	2829	Organic chemicals, nec.....	350	193	78,321	1,687,452
	2818	Organic chemicals, nec.....	331	183	77,178	1,664,419
	2843	Surface active agents.....	19	10	743	16,850
	----	All other industries <sup>2</sup> .....			400	6,183
	2831	Biological products.....	116	35	3,692	38,947
	2832	Medicinal chemicals (including botanicals).....	129	50	10,246	175,817
	2833	Medicinals and botanicals.....	129	50	10,246	175,817
	2834	Pharmaceutical preparations.....	1,116	318	82,027	1,887,397
	2834	Pharmaceutical preparations.....	1,113	317	81,961	1,877,091
	----	All other industries <sup>2</sup> .....	3	1	66	10,306
	2841	Soap and glycerin.....	251	78	20,722	657,005
	2841	Soap and other detergents.....	245	76	20,638	655,669
	----	All other industries <sup>2</sup> .....	6	2	84	1,336
	2842	Cleaning and polishing preparations.....	1,295	238	21,569	435,367
	2841	Soap and other detergents.....	359	85	8,880	201,431
	2842	Polishes and sanitation goods.....	901	137	11,754	218,852
	2843	Surface active agents.....	20	9	528	8,799
	2852	Putty and calking compounds.....	12	5	330	5,554
	----	All other industries <sup>2</sup> .....	3	2	77	731
	2843	Sulfonated oils and assistants.....	105	28	1,799	25,847
	2843	Surface active agents.....			1,796	25,687
	----	All other industries <sup>2</sup> .....	105	28	3	160
	2851	Paints and varnishes.....	1,593	579	57,106	784,352
	2851	Paints and varnishes.....			57,034	783,285
	----	All other industries <sup>2</sup> .....	1,593	579	72	1,067
	2852	Inorganic color pigments.....	96	57	11,531	238,050
	2816	Inorganic pigments.....			11,261	234,294
	----	All other industries <sup>2</sup> .....	96	57	270	3,756
	2853	Whiting and fillers.....	107	18	1,393	17,698
	2852	Putty and calking compounds.....			1,334	16,989
	----	All other industries <sup>2</sup> .....	107	18	59	709
	2861	Hardwood distillation.....	50	12	1,776	10,752
	2861	Gum and wood chemicals.....	50	12	1,776	10,752
	2862	Softwood distillation.....	79	14	4,193	54,172
	2861	Gum and wood chemicals.....	79	14	4,193	54,172

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
2863	----	Gum naval stores.....	24	8	467	5,063
	2861	Gum and wood chemicals.....	24	8	467	5,063
2865	----	Tanning and dyeing materials.....	27	3	355	4,036
	2861	Gum and wood chemicals.....	27	3	355	4,036
2871	2871	Fertilizers.....	283	205	18,728	197,943
2872	2872	Fertilizers, mixing only.....	685	202	12,161	105,845
2881	2091	Cottonseed oil mills.....	214	163	8,355	53,587
2882	----	Linseed oil mills.....	9	8	1,055	17,832
	2093	Vegetable oil mills, nec.....	9	8	1,055	17,832
2883	----	Soybean oil mills.....	100	85	8,142	149,909
	2092	Soybean oil mills.....	100	85	7,985	138,937
	----	All other industries <sup>2</sup> .....			157	10,972
2884	----	Vegetable oil mills, nec.....	34	11	1,076	13,703
	2093	Vegetable oil mills, nec.....	34	11	1,076	13,703
2886	----	Grease and tallow.....	531	169	12,072	125,605
	2094	Grease and tallow.....	513	167	11,857	122,579
	----	All other industries <sup>2</sup> .....	18	2	215	3,026
2887	2894	Fatty acids.....	12	12	1,558	20,594
2889	2095	Animal oils, nec.....	75	36	2,153	23,985
2891	2893	Printing ink.....	302	94	7,960	108,803
2892	----	Essential oils.....	25	9	899	16,533
	2899	Chemical preparations, nec.....	25	9	899	16,533
2893	2844	Toilet preparations.....	745	179	29,375	686,540
2894	2891	Glue and gelatin.....	242	78	6,853	85,048
2895	----	Carbon black.....	42	34	3,278	74,019
	2895	Carbon black.....	36	32	3,162	72,641
	----	All other industries <sup>2</sup> .....	6	2	116	1,378
2896	----	Compressed and liquefied gases.....	491	177	10,642	174,249
	2813	Industrial gases.....	491	177	10,642	174,249
2897	----	Insecticides and fungicides.....	299	86	6,467	84,589
	2873	Agricultural pesticides.....	296	84	6,247	78,385
	----	All other industries <sup>2</sup> .....	3	2	220	6,204
2898	----	Salt.....	39	24	4,167	59,251
	2899	Chemical preparations, nec.....	39	24	4,167	59,251
2899	----	Chemical products, nec.....	1,501	259	26,105	432,463
	2842	Polishes and sanitation goods.....	249	48	4,318	72,831
	2873	Agricultural pesticides.....	38	15	1,481	31,908
	2891	Glue and gelatin.....	31	14	1,015	20,902
	2899	Chemical preparations, nec.....	1,149	164	17,941	278,660
	3951	Pens and mechanical pencils.....	5	2	222	1,928
	----	All other industries <sup>2</sup> .....	29	16	1,128	26,234
2911	2911	Petroleum refining.....	446	313	146,025	2,119,402
2951	2951	Paving mixtures and blocks.....	563	89	7,797	112,548
2952	2952	Roofing felts and coatings.....	209	128	15,520	159,449
2992	2992	Lubricants, nec.....	306	90	7,568	103,084
2999	2999	Petroleum and coal products, nec.....	84	33	2,256	26,903
3011	3011	Tires and inner tubes.....	62	55	87,246	1,155,205
3021	3021	Rubber footwear.....	27	26	20,359	149,608
3031	3031	Reclaimed rubber.....	16	14	2,215	20,843
3099	----	Rubber industries, nec.....	1,138	590	122,114	1,026,006
	3011	Tires and inner tubes.....	61	31	2,149	24,752
	3069	Fabricated rubber products, nec.....	1,074	558	119,565	997,254
	----	All other industries <sup>2</sup> .....	3	1	400	4,000
3111	3111	Leather tanning and finishing.....	578	280	37,130	275,796
3121	3121	Industrial leather belting.....	104	32	3,975	36,300
3131	3131	Footwear cut stock.....	513	234	17,937	97,850
3141	3141	Footwear, except rubber.....	1,115	887	215,311	1,086,260
3142	3142	House slippers.....	164	97	11,520	59,656
3151	----	Leather dress gloves.....	104	48	4,086	16,680
	3151	Leather gloves.....	104	48	3,935	16,171
	----	All other industries <sup>2</sup> .....			151	509
3152	----	Leather work gloves.....	76	28	2,166	8,598
	3151	Leather gloves.....	76	28	2,166	8,598

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>2</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3161	----	Luggage.....	428	152	15,609	96,304
	3161	Luggage.....	411	147	.975 15,226	93,705
	3172	Small leather goods.....	17	5	.025 383	2,599
3171	----	Hand bags and purses.....	622	264	22,109	112,107
	3171	Hand bags and purses.....	622	264	{ 21,953	111,496
	----	All other industries <sup>2</sup> .....				
					156	611
3172	3172	Small leather goods.....	237	67	7,534	43,080
3192	----	Saddlery, harness, and whips.....	100	12	1,271	6,775
	3199	Leather goods, nec.....	100	12	1,271	6,775
3199	3199	Leather goods, nec.....	333	62	4,134	24,452
3211	3211	Flat glass.....	32	31	21,179	263,151
3221	----	Glass containers.....	102	93	55,272	537,230
	3221	Glass containers.....	102	93	{ 54,937	532,469
	----	All other industries <sup>2</sup> .....				
					335	4,761
3229	3229	Pressed and blown glass, nec.....	140	98	37,108	312,342
3231	3231	Products of purchased glass.....	1,024	236	23,516	238,882
NC 3241	----	Cement, hydraulic.....	177	170	41,141	725,032
	3241	Cement, hydraulic.....	177	170	{ 41,127	724,771
	----	All other industries <sup>2</sup> .....				
					14	261
NC 3251	----	Brick and hollow tile.....	572	432	31,396	199,090
	3251	Brick and structural tile.....	569	430	31,087	196,890
	----	All other industries <sup>2</sup> .....	3	2	309	2,200
3253	----	Floor and wall tile.....	86	58	12,482	88,442
	3253	Ceramic wall and floor tile.....	86	58	12,482	88,442
3254	----	Sewer pipe.....	69	67	9,969	68,409
	3259	Structural clay products, nec.....	69	67	9,969	68,409
3255	3255	Clay refractories.....	167	117	12,394	104,898
3259	----	Structural clay products, nec.....	126	53	4,143	30,117
	3253	Ceramic wall and floor tile.....	4	4	586	4,337
	3259	Structural clay products, nec.....	122	49	3,557	25,780
3261	3261	Vitreous plumbing fixtures.....	49	43	9,677	87,293
3262	3262	Vitreous-china food utensils.....	29	24	7,640	42,355
3263	3263	Earthenware food utensils.....	34	26	8,555	34,170
3264	3264	Porcelain electrical supplies.....	59	44	9,107	66,074
3265	----	China decorating for the trade.....	36	4	370	2,424
	3269	Pottery products, nec.....	36	4	370	2,424
3269	3269	Pottery products, nec.....	548	104	8,870	51,596
NC 3271	----	Concrete products.....	5,270	963	69,597	585,115
	3271	Concrete block and brick.....	1,796	336	22,766	190,355
	3272	Concrete products.....	3,455	616	46,182	390,378
	----	All other industries <sup>2</sup> .....	19	11	649	4,382
3272	3275	Gypsum products.....	123	62	11,425	216,978
3273	3273	Ready-mixed concrete.....	3,624	931	61,109	669,931
NC 3274	----	Lime.....	139	78	7,237	74,101
	3274	Lime.....	139	78	{ 7,185	73,597
	----	All other industries <sup>2</sup> .....				
					52	504
3275	3296	Mineral wool.....	95	61	11,831	132,533
3281	3281	Cut-stone and stone products.....	1,001	243	20,348	129,038
NC 3291	----	Abrasive products.....	356	130	23,980	278,026
	3291	Abrasive products.....	356	130	{ 23,955	277,706
	----	All other industries <sup>2</sup> .....				
					25	320
3292	3292	Asbestos products.....	109	80	21,292	235,487
3293	3293	Gaskets and asbestos insulations.....	282	99	13,494	105,211
3295	3295	Minerals: ground or treated.....	386	100	7,557	104,682
NC 3297	----	Nonclay refractories.....	89	71	8,459	111,408
	3297	Nonclay refractories.....	83	66	7,995	102,238
	----	All other industries <sup>2</sup> .....	6	5	464	9,170

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3298	----	Statuary and art goods.....	145	19	1,254	7,263
	3299	Nonmetallic minerals, nec.....	145	19	1,254	7,263
3299	----	Nonmetallic mineral products, nec.....	148	39	3,503	29,578
	3296	Mineral wool.....	39	7	441	4,868
	3299	Nonmetallic minerals, nec.....	109	32	3,062	24,710
3312	----	Steel works and rolling mills.....	295	264	512,831	6,085,776
	3312	Blast furnaces and steel mills.....	291	260	511,392	6,062,227
	3317	Steel pipe and tubes.....	4	4	1,439	23,549
3313	3313	Electrometallurgical products.....	37	35	12,689	178,880
3321	3321	Gray-iron foundries.....	1,297	843	112,263	807,480
3322	3322	Malleable-iron foundries.....	80	73	19,949	125,473
3323	3323	Steel foundries.....	256	216	49,133	383,870
3331	3331	Primary copper.....	30	29	14,561	158,122
3332	3332	Primary lead.....	13	13	3,563	36,325
3333	3333	Primary zinc.....	20	20	8,923	71,653
3334	3334	Primary aluminum.....	20	20	17,331	383,836
3339	3339	Primary nonferrous metals, nec.....	29	18	2,658	50,495
3341	3341	Secondary nonferrous metals.....	387	152	14,441	147,262
3351	----	Copper rolling and drawing.....	103	90	41,283	458,328
	3351	Copper rolling and drawing.....	98	85	39,997	441,150
	3357	Nonferrous wire drawing.....	5	5	1,286	17,178
3352	3352	Aluminum rolling and drawing.....	168	112	42,375	475,331
3359	----	Nonferrous rolling and drawing, nec.....	143	73	16,571	174,633
	3356	Rolling and drawing, nec.....	143	73	16,571	174,633
3361	----	Nonferrous foundries <sup>4</sup> .....	1,991	642	63,344	480,153
	3361	Aluminum castings.....	955	283	30,045	225,686
	3362	Brass, bronze, copper castings.....	665	209	14,861	109,744
	3369	Nonferrous castings, nec.....	345	136	17,253	135,311
	3366	Power transmission equipment.....	8	5	(D)	(D)
	----	All other industries <sup>2</sup> .....	18	9	(D)	(D)
3391	3391	Iron and steel forgings.....	301	189	36,456	310,148
3392	----	Wire drawing.....	207	161	54,230	567,496
	3315	Steel wire drawing.....	102	71	15,805	165,883
	3351	Copper rolling and drawing.....	7	4	332	4,221
	3357	Nonferrous wire drawing, etc.....	98	86	38,093	397,392
3393	----	Welded and heavy-riveted pipe.....	132	97	22,472	260,547
	3317	Steel pipe and tubes.....	132	97	22,472	260,547
3399	----	Primary metal industries, nec.....	690	234	28,062	283,603
	3316	Cold finishing of steel shapes.....	78	63	10,943	141,516
	3392	Nonferrous forgings.....	29	20	5,932	40,963
	3399	Primary metal industries, nec.....	583	151	9,795	90,656
	----	All other industries <sup>2</sup> .....			1,392	10,468
3411	----	Tin cans and other tinware.....	226	193	54,823	671,924
	3411	Metal cans.....	222	189	54,238	668,606
	3491	Metal barrels, drums, and pails.....	4	4	585	3,318
3421	----	Cutlery.....	186	74	12,061	127,223
	3421	Cutlery.....	183	72	11,831	126,310
	----	All other industries <sup>2</sup> .....	3	2	230	913
3422	----	Edge tools.....	237	76	6,754	55,422
	3423	Edge tools.....	237	76	6,754	55,422
3423	----	Hand tools, nec.....	494	161	21,037	186,098
	3423	Edge tools.....	494	161	21,037	186,098
3424	----	Files.....	25	7	2,035	20,068
	3423	Edge tools.....	25	7	2,035	20,068
3425	----	Hand-saws and saw blades.....	91	40	5,549	53,966
	3425	Hand-saws and saw blades.....	91	40	5,509	53,658
	----	All other industries <sup>2</sup> .....			40	308
3429	----	Hardware, nec.....	1,070	462	88,826	762,026
	3429	Hardware, nec.....	1,053	451	87,537	750,783
	3494	Valves and pipe fittings.....	14	9	610	5,817
	----	All other industries <sup>2</sup> .....	3	2	679	5,426

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3431	----	Plumbing fixtures and fittings <sup>4</sup> .....	323	127	28,093	244,932
	3431	Plumbing fixtures.....	63	41	12,432	118,555
	3432	Plumbing fittings, brass goods.....	254	84	14,663	120,560
	----	All other industries <sup>2</sup> .....	6	2	998	5,817
3439	----	Heating and cooking apparatus, nec.....	829	402	67,904	637,846
	3433	Nonelectric heating equipment.....	649	290	43,281	421,195
	3589	Service industry machines, nec.....	73	28	2,838	26,248
	3631	Household cooking equipment.....	55	45	12,810	108,598
	3639	Household appliances, nec.....	52	39	8,729	80,227
	----	All other industries <sup>2</sup> .....			246	1,578
3441	----	Structural and ornamental products.....	3,436	1,175	132,750	1,215,839
	3441	Fabricated structural steel.....	1,851	779	90,707	815,394
	3449	Miscellaneous metal work, nec.....	1,585	396	42,043	400,445
3442	3442	Metal doors, sash, and trim.....	1,440	516	54,353	437,859
3443	3443	Boiler shop products.....	1,189	516	81,501	682,298
3444	----	Sheet-metal work.....	3,151	697	58,509	516,260
	3444	Sheet-metal work.....	3,146	694	58,307	512,843
	----	All other industries <sup>2</sup> .....	5	3	202	3,417
3461	----	Vitreous-enameled products.....	55	33	5,803	40,582
	3461	Metal stampings.....	55	33	5,803	40,582
3463	----	Metal stampings.....	2,407	1,009	118,553	996,770
	3461	Metal stampings.....	2,389	999	117,796	992,037
	----	All other industries <sup>2</sup> .....	18	10	757	4,733
3465	----	Enameling and lacquering.....	467	97	7,104	47,723
	3479	Metal coating, engraving, nec.....	467	97	7,104	47,723
3466	----	Galvanizing.....	199	54	4,376	32,890
	3479	Metal coating, engraving, nec.....	199	54	4,376	32,890
3467	----	Engraving on metal.....	337	41	4,200	27,726
	3479	Metal coating, engraving, etc.....	337	41	4,200	27,726
3468	3471	Plating and polishing.....	2,646	542	36,471	253,784
3471	----	Lighting fixtures.....	1,207	430	47,444	397,995
	3642	Lighting fixtures.....	1,177	429	47,231	396,665
	----	All other industries <sup>2</sup> .....	30	1	213	1,330
3481	----	Nails and spikes.....	70	34	3,534	30,971
	3315	Steel wire drawing.....	70	34	3,445	30,317
	----	All other industries <sup>2</sup> .....			89	654
3489	----	Wirework, nec.....	1,467	538	55,448	439,804
	3481	Fabricated wire products, nec.....	1,459	535	55,129	437,473
	----	All other industries <sup>2</sup> .....	8	3	319	2,331
3491	3491	Metal barrels, drums, and pails.....	121	70	9,055	91,230
3492	----	Safes and vaults.....	35	13	3,546	40,285
	3492	Safes and vaults.....	35	13	3,495	39,537
	----	All other industries <sup>2</sup> .....			51	748
3493	3493	Steel springs.....	88	41	5,515	44,384
3494	----	Bolts, nuts, washers, and rivets.....	528	286	53,573	507,038
	3452	Bolts, nuts, washers, and rivets.....	525	283	53,270	504,731
	----	All other industries <sup>2</sup> .....	3	3	303	2,307
3495	3451	Screw machine products.....	1,792	419	31,836	249,975
3496	3496	Collapsible tubes.....	22	20	3,837	25,257
3497	----	Metal foil.....	32	47	7,699	96,925
	3352	Aluminum rolling and drawing.....	17	17	4,504	61,755
	3497	Metal foil and leaf.....	65	30	3,195	35,170
3499	----	Fabricated metal products, nec.....	974	211	19,750	176,295
	3499	Fabricated metal products, nec.....	966	209	19,601	175,193
	----	All other industries <sup>2</sup> .....	8	2	149	1,102
3511	3511	Steam engines and turbines.....	25	23	43,979	558,885
3519	----	Internal combustion engines.....	110	75	51,540	508,843
	3511	Steam engines and turbines.....	1	1	51,540	508,843
	3519	Internal combustion engines.....	109	74		

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3521	----	Tractors.....	129	68	60,325	779,524
	3522	Farm machinery and equipment.....	92	41	.525 31,656	368,447
	3531	Construction machinery.....	37	27	.472 28,464	408,197
	----	All other industries <sup>2</sup> .....			205	2,880
NC 3522	----	Farm machinery (except tractors).....	1,346	449	75,300	693,449
	3522	Farm machinery and equipment.....	1,341	449	75,273	693,302
	----	All other industries <sup>2</sup> .....	5	...	27	147
NC 3531	----	Construction and mining machinery.....	754	381	83,400	777,015
	3531	Construction machinery.....	541	267	65,689	607,697
	3532	Mining machinery and equipment.....	169	88	(D)	(D)
	3536	Hoists, cranes, and monorails.....	40	24	(D)	(D)
	----	All other industries <sup>2</sup> .....	4	2	93	726
NC 3532	----	Oil field machinery and tools.....	387	167	32,349	337,354
	3533	Oil field machines and equipment.....	383	166	31,726	334,765
	----	All other industries <sup>2</sup> .....	4	1	623	2,589
NC 3541	----	Machine tools.....	624	230	54,216	431,306
	3541	Metal-cutting machine tools.....	621	228	52,457	419,274
	----	All other industries <sup>2</sup> .....	3	2	1,759	12,032
3542	----	Metalworking machinery.....	608	267	(D)	(D)
	3542	Metal-forming machine tools.....	287	145	(D)	(D)
	3548	Metalworking machinery, nec.....	312	118	30,424	303,750
	----	All other industries <sup>2</sup> .....	9	4	(D)	(D)
3544	----	Special dies and tools.....	4,827	835	70,666	665,910
	3544	Special dies and tools.....	4,822	832	69,016	655,070
	----	All other industries <sup>2</sup> .....	5	3	1,650	10,840
NC 3545	----	Metalworking machinery attachments.....	902	296	39,726	337,008
	3545	Machine tool accessories.....	899	295	39,677	336,361
	----	All other industries <sup>2</sup> .....	3	1	49	647
3551	3551	Food-products machinery.....	672	240	27,715	268,639
3552	3552	Textile machinery.....	547	210	34,186	213,048
3553	3553	Woodworking machinery.....	257	96	12,219	112,936
3554	3554	Paper-industries machinery.....	202	97	15,713	123,758
3555	3555	Printing-trades machinery.....	442	119	21,453	188,881
3559	----	Special industry machinery, nec.....	1,042	386	51,815	434,343
	3559	Special industry machinery, nec.....	1,031	379	50,124	425,287
	----	All other industries <sup>2</sup> .....	11	7	1,691	9,056
3561	----	Pumps and compressors.....	572	241	61,233	549,977
	3561	Pumps and compressors.....	569	239	59,819	539,615
	----	All other industries <sup>2</sup> .....	3	2	1,414	10,362
(3562)	----	Elevators and escalators.....	144	76	9,626	126,270
	3534	Elevators and moving stairways.....	144	76	9,626	126,270
3563	----	Conveyors.....	473	198	31,099	289,938
	3522	Farm machinery and equipment.....	22	16	.354 1,121	13,061
	3535	Conveyors.....	409	150	.881 20,743	192,402
	3536	Hoists, cranes, and monorails.....	39	29	.881 6,647	64,399
	----	All other industries <sup>2</sup> .....	3	3	2,588	20,076
NC 3564	----	Blowers and fans.....	209	106	15,989	145,492
	3564	Blowers and fans.....	209	106	15,947	145,050
	----	All other industries <sup>2</sup> .....			42	442
✓ (3565)	----	Industrial trucks and tractors.....	259	95	14,768	117,641
	3537	Industrial trucks and tractors.....	259	95	14,753	117,266
	----	All other industries <sup>2</sup> .....			15	375
3566	----	Power-transmission equipment.....	510	265	49,063	464,171
	3566	Power-transmission equipment.....	460	231	.847 41,565	382,582
	3717	Motor vehicles and parts.....	29	19	.152 4,994	59,717
	3729	Aircraft equipment, nec.....	17	14	.129 1,935	16,583
	----	All other industries <sup>2</sup> .....	4	1	569	5,289
(3567)	----	Industrial furnaces.....	165	70	8,703	84,645
	3559	Special industry machinery, nec.....	9	6	.060 522	3,958
	3567	Industrial furnaces and ovens.....	156	64	.940 8,181	80,687

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3568	----	Mechanical stokers.....	19	9	693	5,566
	3433	Nonelectric heating equipment.....	19	9	693	5,566
3569	----	General industrial machinery, nec.....	628	244	36,460	348,667
	3443	Boiler shop products.....	41	33	.237 8,360	66,976
	3569	General industry machinery, nec.....	584	209	.768 28,014	281,423
	----	All other industries <sup>2</sup> .....	3	2	86	268
3571	----	Computing and related machines.....	140	74	82,442	590,897
	3571	Computing and related machines.....	133	69	.979 80,715	578,280
	3821	Mechanical measuring devices.....	7	5	.121 1,727	12,617
3572	3572	Typewriters.....	18	13	19,779	168,877
3576	----	Scales and balances.....	79	38	5,733	52,008
	3576	Scales and balances.....	72	32	.753 5,347	49,125
	3811	Scientific instruments.....	7	6	.167 386	2,883
3579	----	Office and store machines, nec.....	226	118	23,072	226,848
	3579	Office machines, nec.....	120	72	.679 15,625	173,424
	3581	Automatic vending machines.....	80	34	.168 4,347	34,749
	3999	Miscellaneous products, nec.....	26	12	.135 3,100	18,675
3581	----	Domestic laundry equipment.....	39	33	24,550	324,280
	3633	Household laundry equipment.....	36	32	24,513	323,900
	----	All other industries <sup>2</sup> .....	3	1	37	380
NC 3582	----	Laundry and dry-cleaning machinery.....	119	47	6,489	64,904
	3582	Commercial laundry equipment.....	119	47	6,480	64,717
	----	All other industries <sup>2</sup> .....			9	187
3583	3636	Sewing machines.....	85	17	9,607	61,991
3584	----	Vacuum cleaners.....	48	23	5,834	89,353
	3584	Vacuum cleaners, industrial.....	18	6	.674 432	4,256
	3635	Household vacuum cleaners.....	27	14	.214 5,330	84,180
	----	All other industries <sup>2</sup> .....	3	3	72	917
3585	----	Refrigeration machinery.....	643	311	111,688	1,051,796
	3581	Automatic vending machines.....	32	18	.638 3,456	29,349
	3585	Refrigeration machinery.....	585	267	.66 66,739	589,078
	3632	Household refrigerators.....	26	26	.372 41,493	433,369
NC 3586	----	Measuring and dispensing pumps.....	34	21	6,231	64,899
	3586	Measuring and dispensing pumps.....	34	21	6,201	64,689
	----	All other industries <sup>2</sup> .....			30	210
✓ 3589	----	Service and household machines, nec.....	320	113	14,500	179,365
	3548	Metalworking machinery, nec.....	47	23	.194 2,820	27,992
	3589	Service industry machines, nec.....	243	71	→ .480 6,967	78,543
	3639	Household appliances, nec.....	26	18	.311 4,630	71,927
	----	All other industries <sup>2</sup> .....	4	1	83	903
3591	----	Valves and fittings, except plumbing.....	574	339	75,198	717,175
	3494	Valves and pipe fittings.....	571	336	74,363	710,045
	----	All other industries <sup>2</sup> .....	3	3	835	7,130
3592	3498	Fabricated pipe and fittings.....	282	134	15,135	154,938
3593	3562	Ball and roller bearings.....	107	81	46,439	407,744
✓ 3594	----	Industrial patterns and molds.....	2,046	246	22,159	196,271
	3544	Special dies and tools.....	874	150	.660 13,297	118,067
	3565	Industrial patterns.....	1,168	95	.33 8,817	77,678
	----	All other industries <sup>2</sup> .....	4	1	45	526
3599	----	Machine shops.....	10,547	1,197	122,910	1,018,724
	3599	Machine shops.....	10,139	1,087	.935 114,892	953,395
	3717	Motor vehicles and parts.....	250	73	.047 5,797	48,445
	----	All other industries <sup>2</sup> .....	158	37	2,221	16,884
3611	----	Wiring devices and supplies.....	556	237	50,689	474,348
	3643	Current carrying devices.....	402	143	30,829	259,211
	3644	Noncurrent carrying devices.....	150	93	19,722	214,607
	----	All other industries <sup>2</sup> .....	4	1	138	530
3612	3624	Carbon and graphite products.....	46	35	8,904	102,483
NC 3613	----	Electrical measuring instruments.....	507	199	45,151	410,497
	3611	Electric measuring instruments.....	484	198	45,004	409,594
	----	All other industries <sup>2</sup> .....	23	1	147	903

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3614	3621	Motors and generators.....	378	237	93,541	813,124
3615	3612	Transformers.....	172	81	34,546	363,351
3616	----	Electrical control apparatus.....	618	278	80,021	836,934
	3613	Switchgear and switchboards.....	402	203	52,871	555,044
	3622	Industrial controls.....	216	75	27,150	281,890
3617	----	Electrical welding apparatus.....	135	70	9,895	112,709
	3623	Welding apparatus.....	135	70	9,895	112,709
3619	----	Electrical industrial apparatus, nec.....	334	136	17,592	139,101
	3567	Industrial furnaces and ovens.....	44	24	(D)	(D)
	3629	Electric industrial goods, nec.....	283	109	15,681	123,483
	----	All other industries <sup>2</sup> .....	7	3	(D)	(D)
3621	----	Electrical appliances.....	402	162	39,686	424,771
	3589	Service industry machines, nec.....	25	20	1,452	16,109
	3631	Household cooking equipment.....	14	10	5,342	72,493
	3634	Electric housewares and fans.....	312	106	29,551	305,514
	3639	Household appliances, nec.....	18	15	1,263	10,510
	----	All other industries <sup>2</sup> .....	33	11	2,078	20,145
3631	----	Insulated wire and cable.....	172	91	17,105	154,248
	3557	Nonferrous wire drawing, etc.....	172	91	17,105	154,248
3641	----	Engine electrical equipment.....	168	99	39,879	366,807
	3694	Engine electrical equipment.....	168	99	39,840	366,626
	----	All other industries <sup>2</sup> .....			39	181
3651	----	Electric lamps (bulbs).....	66	52	21,495	270,498
	3641	Electric lamps.....	66	52	21,495	270,498
3661	----	Radios and related products.....	2,023	1,066	305,108	2,592,100
	3643	Current carrying devices.....	20	17	3,979	34,978
	3651	Radios and TV receiving sets.....	234	144	66,505	593,953
	3662	Radio, TV, communication equipment.....	318	211	118,575	1,199,758
	3679	Electronic components, nec.....	1,414	684	105,018	693,823
	----	All other industries <sup>2</sup> .....	37	10	11,031	69,588
3662	----	Electronic tubes.....	282	169	92,939	740,651
	3671	Electron tubes, receiving type.....	85	41	36,968	285,799
	3672	Cathode ray picture tubes.....	75	30	8,554	67,472
	3673	Electron tubes, transmitting.....	48	44	20,146	165,803
	3679	Electronic components, nec.....	65	53	27,224	220,988
	----	All other industries <sup>2</sup> .....	9	1	47	589
3663	3652	Phonograph records.....	94	53	7,421	93,073
3664	----	Telephone and telegraph equipment.....	73	57	85,337	738,724
	3661	Telephone; telegraph apparatus.....	68	54	85,214	737,691
	3662	Radio, TV, communication equipment.....	5	3	123	1,033
3669	----	Communication equipment, nec.....	186	47	10,757	94,415
	3662	Radio, TV, communication equipment.....	178	43	10,387	92,112
	3699	Electrical products, nec.....	8	4	353	2,232
	----	All other industries <sup>2</sup> .....			17	71
3691	3691	Storage batteries.....	276	106	14,924	150,061
3692	3692	Primary batteries.....	42	29	8,096	75,431
3693	----	X-ray and therapeutic apparatus.....	128	34	5,291	58,696
	3693	X-ray and therapeutic apparatus.....	128	34	5,258	58,436
	----	All other industries <sup>2</sup> .....			33	260
3699	----	Electrical products, nec.....	279	110	11,911	97,214
	3699	Electrical products, nec.....	253	95	9,906	71,349
	3842	Surgical appliances and supplies.....	26	15	1,984	25,714
	----	All other industries <sup>2</sup> .....			21	151
3713	----	Truck and bus bodies.....	560	185	19,871	144,937
	3713	Truck and bus bodies.....	560	185	19,868	144,929
	----	All other industries <sup>2</sup> .....			3	8
3715	----	Truck trailers.....	172	94	15,695	131,539
	3715	Truck trailers.....	172	94	15,669	131,140
	----	All other industries <sup>2</sup> .....			26	399
3716	----	Automotive trailers.....	505	236	20,734	146,568
	3791	Trailer coaches.....	386	209	18,717	127,683
	3799	Transportation equipment, nec.....	119	27	2,017	18,885

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3717	3717	Motor vehicles and parts.....	1,264	651	530,658	6,365,106
3721	3721	Aircraft.....	127	82	377,383	3,399,163
3722	----	Aircraft engines.....	225	177	159,137	1,616,004
	3722	Aircraft engines and parts.....	225	177	{ 159,094 43	1,615,671 333
	----	All other industries <sup>2</sup> .....				
3723	3723	Aircraft propellers.....	18	10	15,505	112,301
3729	----	Aircraft equipment, nec.....	1,142	477	162,436	1,367,386
	2399	Textile products, nec.....	7	6	1,454	5,659
	3729	Aircraft equipment, nec.....	1,129	467	158,794	1,343,699
	----	All other industries <sup>2</sup> .....	6	4	2,188	18,028
3731	----	Ship building and repairing.....	323	225	119,588	918,396
	3731	Ship building and repairing.....	319	222	119,147	913,687
	----	All other industries <sup>2</sup> .....	4	3	441	4,709
3732	3732	Boat building and repairing.....	1,646	276	25,216	156,731
3741	3741	Locomotives and parts.....	25	13	15,282	152,086
3742	3742	Railroad and street cars.....	65	43	23,931	165,066
3751	3751	Motorcycles and bicycles.....	51	29	7,578	52,125
3799	3799	Transportation equipment, nec.....	133	40	2,530	17,672
3811	3811	Scientific instruments.....	493	175	63,465	576,059
3821	----	Mechanical measuring instruments.....	705	268	74,021	705,730
	3821	Mechanical measuring devices.....	618	222	48,072	441,340
	3822	Automatic temperature controls.....	83	44	25,513	258,969
	----	All other industries <sup>2</sup> .....	4	2	436	5,421
3831	3831	Optical instruments and lenses.....	224	58	7,184	60,387
3841	3841	Surgical and medical instruments.....	206	66	8,714	72,647
3842	----	Surgical appliances and supplies.....	571	153	25,071	279,700
	2649	Paper and board products, nec.....	10	9	3,245	49,559
	3842	Surgical appliances and supplies.....	561	144	21,826	230,141
3843	3843	Dental equipment and supplies.....	249	55	7,242	71,574
3851	3851	Ophthalmic goods.....	246	104	18,223	136,696
3861	3861	Photographic equipment.....	480	159	60,262	788,759
3871	3871	Watches and clocks.....	168	65	23,505	165,158
3872	3872	Watchcases.....	61	24	2,652	18,398
3911	----	Jewelry, precious metal.....	1,304	184	21,039	165,848
	3911	Jewelry, precious metal.....	1,304	184	{ 21,010 29	165,549 299
	----	All other industries <sup>2</sup> .....				
3912	3912	Jewelers' findings.....	249	56	5,101	33,434
3913	----	Lapidary work.....	328	19	1,943	14,885
	3913	Lapidary work.....	328	19	{ 1,904 39	14,605 280
	----	All other industries <sup>2</sup> .....				
3914	3914	Silverware and plated ware.....	209	87	13,852	109,728
3931	----	Pianos.....	24	22	5,824	37,316
	3931	Musical instruments and parts.....	24	22	5,824	37,316
3932	----	Organs.....	50	19	2,314	19,252
	3931	Musical instruments and parts.....	50	19	2,314	19,252
3933	----	Piano and organ parts.....	449	23	3,335	31,133
	3931	Musical instruments and parts.....	49	23	3,335	31,133
3939	----	Musical instruments, nec.....	150	52	4,630	33,394
	3931	Musical instruments and parts.....	150	52	4,630	33,394
3941	----	Games and toys, nec.....	856	368	43,044	289,616
	3941	Games and toys, nec.....	856	368	{ 42,972 72	288,863 753
	----	All other industries <sup>2</sup> .....				
3942	3942	Dolls.....	485	162	13,860	77,149
3943	----	Children's vehicles.....	60	35	4,960	33,234
	3943	Children's vehicles.....	60	35	{ 4,708 252	31,727 1,507
	----	All other industries <sup>2</sup> .....				

See footnotes at end of Part 2.



## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
3949	----	Sporting and athletic goods.....	1,208	299	37,041	313,148
	3949	Sporting and athletic goods, nec.....	1,208	299	37,025	313,014
	----	All other industries <sup>2</sup> .....			16	134
3951	3951	Pens and mechanical pencils.....	142	64	10,957	88,269
3952	3952	Lead pencils and crayons.....	53	33	4,891	35,980
3953	----	Hand stamps and stencils.....	523	70	5,430	39,775
	3953	Marking devices.....	523	70	5,430	39,775
3954	----	Artists' materials.....	93	21	1,796	11,929
	3952	Lead pencils and art goods.....	93	21	1,796	11,929
3955	3955	Carbon paper and inked ribbons.....	103	61	5,818	58,951
3961	----	Costume jewelry.....	1,053	256	25,380	138,360
	3961	Costume jewelry.....	1,053	256	25,286	138,043
	----	All other industries <sup>2</sup> .....			94	317
3962	3962	Artificial flowers.....	431	101	6,770	34,650
3963	----	Buttons.....	357	87	6,458	37,937
	3963	Buttons.....	354	87	6,453	37,908
	----	All other industries <sup>2</sup> .....	3	...	5	29
3964	----	Needles, pins, and fasteners.....	368	129	17,758	127,671
	3964	Needles, pins, and fasteners.....	368	129	17,706	127,390
	----	All other industries <sup>2</sup> .....			52	281
3971	3079	Plastics products, nec.....	3,208	1,136	113,066	894,440
3981	----	Brooms and brushes.....	725	181	17,362	140,498
	3981	Brooms and brushes.....	723	179	17,082	137,496
	----	All other industries <sup>2</sup> .....	2	2	280	3,002
3982	----	Cork products.....	35	11	956	14,355
	2499	Wood products, nec.....	24	10	907	13,988
	----	All other industries <sup>2</sup> .....	11	1	49	367
3983	3983	Matches.....	23	20	5,127	41,776
3984	3984	Candles.....	86	25	2,516	17,668
3985	----	Fireworks and pyrotechnics.....	67	19	1,628	9,043
	2899	Chemical preparations, nec.....	67	19	1,628	9,043
3986	----	Jewelry and instrument cases.....	160	60	6,214	32,356
	3161	Luggage.....	14	9	474	2,244
	3172	Small leather goods.....	146	51	5,740	30,112
3987	3987	Lamp shades.....	270	50	3,895	18,577
3988	3988	Morticians' goods.....	592	219	17,362	128,879
3991	----	Beauty and barber-shop equipment.....	75	22	1,892	16,150
	3999	Miscellaneous products, nec.....	75	22	1,892	16,150
3992	----	Furs, dressed and dyed.....	139	32	2,731	24,363
	3992	Furs, dressed and dyed.....	139	32	2,696	24,112
	----	All other industries <sup>2</sup> .....			35	251
3993	----	Signs and advertising displays.....	2,723	461	36,189	281,381
	3993	Signs and advertising displays.....	2,723	461	36,100	280,763
	----	All other industries <sup>2</sup> .....			89	618
3994	----	Hairwork.....	130	24	1,593	8,322
	3999	Miscellaneous products, nec.....	130	24	1,593	8,322
3995	3995	Umbrellas, parasols, and canes.....	123	43	2,932	16,602
3996	----	Tobacco pipes.....	32	10	1,122	7,105
	3999	Miscellaneous products, nec.....	32	10	1,122	7,105
3997	----	Soda-fountain and bar equipment.....	40	11	976	8,954
	3585	Refrigeration machinery.....	40	11	976	8,954
3999	3999	Miscellaneous products, nec.....	986	190	19,279	140,596

See footnotes at end of Part 2.

## Part 2.—Distribution of Old SIC Industries Among New SIC Industries: 1958—Continued

Industry code		Industry title	Establishments, number		All employees, number <sup>1</sup>	Value added by manufacture, adjusted <sup>1</sup> (\$1,000)
Old SIC	New SIC		Total <sup>1</sup>	With 20 or more employees <sup>1</sup>		
1911	1911	Guns, over 30 mm.....	5	4	251	2,942
1921	1921	Artillery ammunition.....	25	17	4,028	26,811
1922	1922	Ammunition loading.....	6	4	1,189	8,985
1929	----	Ammunition, nec.....	89	59	157,184	1,572,440
	1925	Complete guided missiles.....	23	23	100,678	1,104,394
	1929	Ammunition, nec.....	17	14	5,875	50,213
	3729	Aircraft equipment, nec.....	49	22	50,631	417,853
1931	1931	Tanks and tank components.....	17	10	7,069	63,711
1941	1941	Sighting and fire control equipment.....	23	19	44,571	448,724
1951	1951	Small arms.....	34	23	8,010	51,005
1961	1961	Small arms ammunition.....	24	12	9,049	82,733
1999	1999	Ordnance and accessories, nec.....	47	22	15,297	162,190

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The old SIC industry totals in Part 2 may in some instances represent slight revisions of the corresponding 1958 old SIC totals shown in tables 1, 1A, and 2A of the industry reports in Volume II, Industry Statistics.

<sup>2</sup>These data are for a miscellaneous group of establishments that were transferred to other industries because of (a) shifts in their product classification to conform to the new SIC, and (b) classification errors for small establishments that were not corrected since they were not statistically significant.

<sup>3</sup>Includes establishments with 2,500 to 4,999 employees, primarily engaged in producing synthetic sausage casings, which have been transferred to new SIC Industry 3079, "Plastics Products, NEC."

<sup>4</sup>Figures differ from table 2A of the industry report because the latter excludes a number of establishments reclassified into other industries as a result of SIC revisions.



## APPENDIX D.-CENSUS REPORT FORMS AND PUNCH CARDS

Approximately 200 different report forms ("standard" forms) were used in collecting information in the 1958 Census of Manufactures. Nearly all of these were variations of Form MC-35Q shown on pages D-2 thru D-9 of this appendix. Such forms were sent to larger manufacturing plants. Items 1 through 16 are the same on nearly all such forms. Items 17 and 18, while similar in general purpose, are different for each industry or group of related industries depending upon the materials used or the products manufactured. Items 19 thru 21 are similarly adapted to the special characteristics of individual industries.

In addition to the standard forms, thirty report forms ("short" forms) were used for small establishments. The size cut-off for use of short forms varied with the size composition of the industry, generally ranging from 4 to 10 employees. In a few industries these small establishments were typical and accounted for a significant proportion of the industry's total in their aggregate. In such cases modified versions of short forms were used.

On short forms, data requirements typically were limited to a relatively few key items, the chief variation among them being in the list of product classes preprinted in the shipments inquiry. A typical short form, MC-36Z, is also reproduced in this appendix.

Instructions for preparing the 1958 Census "standard" report forms are also shown below. No separate instructions were provided for "short" forms.

Additional forms used to cover separate central administrative offices and auxiliary units, plants under construction but not in operation during 1958, distribution of manufacturers' sales by class of customer, etc., are described in the introductory text which appears at the beginning of this Volume.

The basic punch card used in tabulating the 1958 Census data is shown on page D-19.

**ORIGINAL**

Form  
MC-35Q

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

# 1958 CENSUS OF MANUFACTURES INDUSTRIAL FURNACES AND OVENS

CENSUS USE ONLY		Location		F/O
0				
0-1	0-2			

## PLEASE READ ENCLOSED INSTRUCTIONS BEFORE COMPLETING REPORT.

Please complete and return this form in the return envelope to the Bureau of the Census, Jeffersonville, Indiana, **not later than 30 days** after you receive it.

ITEM 1A NAME OF ESTABLISHMENT	NAME
(In answering Item 1B, parts (1) through (5) below, be sure your answers relate to the ACTUAL PHYSICAL LOCATION of your establishment, which may be different from its mailing address.)	
ITEM 1B LOCATION OF ESTABLISHMENT	1. STATE
	2. COUNTY
	3. Is this establishment within the legal boundary of a municipality? Yes <input type="checkbox"/> No <input type="checkbox"/>
	If "Yes," (a) Enter name of the municipality. (Enter name only if establishment is within legal boundary)
	(b) Type of municipality. (Check applicable box) <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Borough <input type="checkbox"/> Other (Specify) _____
	4. STREET AND NUMBER AT ESTABLISHMENT LOCATION (If establishment location cannot be described by street and number, give name (and number, if any) of road or highway and sufficient information to locate establishment, e. g., Rt. 25, 3 miles South of Charlesville.)
	5. Is this establishment within a town or township? Yes <input type="checkbox"/> No <input type="checkbox"/>
	IF "YES," ENTER NAME OF TOWN OR TOWNSHIP
For establishments in New England, New Jersey, and Pennsylvania	

Form approved, Budget Bureau No. 41-58101

**CONFIDENTIAL.**—This report is required by Act of Congress, approved August 31, 1954, (13 U.S.C. 131 and 224). Your report is confidential and only sworn Census employees will have access to it. It cannot be used for purposes of taxation, investigation or regulation.

In correspondence pertaining to this report  
please refer to this file number  
MC-35Q (3517)

A

(Please correct any errors in name and address)

### ITEM 2A FEDERAL SOCIAL SECURITY EMPLOYER IDENTIFICATION NUMBER

Federal Social Security Employer Identification Number of this establishment (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)

(Enter all 9 digits)

### ITEM 2B COMPANY ORGANIZATION

(a) Does this company operate more than one place of business under the same Employer Identification Number (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)? Yes ☐ No ☐

(b) Does this company own or control another company? Yes ☐ No ☐

(c) Is this company owned or controlled by another company? If "Yes," is checked in Part (c), give name and address of owning or controlling company.

(Check one)

(1) ☐ Individual proprietor

(x) ☐ Partnership (Specify number of working partners \_\_\_\_\_)

(0) ☐ Corporation (Do not include any form of coop. ass'n)

(8) ☐ Cooperative association (corporate or noncorporate)

(9) ☐ Other (Specify) \_\_\_\_\_

### ITEM 2C FORM OF OWNERSHIP



1830

## Form MC-35Q — Industrial Furnaces and Ovens—Continued

Page 2

ITEM 6 COST OF MATERIALS, FUELS, ELECTRIC ENERGY, CONTRACT WORK, ETC. DURING 1958 (\$000)	On lines <b>a</b> and <b>c</b> , report the cost of all items <b>actually consumed or put into production in 1958</b> , whether purchased, withdrawn from inventories, or received from other establishments of this company. If your records do not show actual amounts consumed, this may be computed by adding purchases (or receipts) during the year to opening inventory and subtracting closing inventory. Purchase records instead of consumption records may be used for any major material, if purchases closely approximate consumption, and for all minor materials and supply items. "Cost" refers to amounts actually paid or payable after discounts, and includes freight and other direct charges incurred in acquiring the items. For materials, parts, etc. transferred from other establishments of this company, report the approximate commercial value as received.	Item	1958 Thousands of dollars		KEY
		a. Materials, parts, components, containers, supplies, etc., consumed	\$		2-1
		b. Products bought and resold without further manufacture	\$		2-2
		c. Fuels consumed	\$		2-3
		d. Purchased electric energy	\$		2-4
		e. Cost of contract work done for you by others on your materials	\$		2-5
		f. <b>Total cost (Sum of a through e)</b>	\$		2-6*
ITEM 7 INVENTORIES OF THIS ESTABLISHMENT (\$000)	Report all inventories held by this establishment at the beginning and end of 1958. Inventories should be reported at approximate current costs, if feasible; otherwise at book values.	Kind of inventory	Value of inventories (Thousands of dollars)		KEY
			Beginning of 1958	End of 1958	3
		a. Finished products inventories	\$		3-1
		b. Work-in-process inventories	\$		3-2
		c. Materials, supplies, fuels, etc. inventories	\$		3-3
		d. <b>Total inventories (Sum of a, b, and c)</b>	\$		3-8*
ITEM 8 CAPITAL EXPENDITURES FOR THIS ESTABLISHMENT DURING 1958 (Exclude expenditures for land) (\$000)	Expenditures refer to all costs actually incurred during 1958 which are chargeable to the fixed assets accounts of this establishment and which are of the type for which depreciation accounts are ordinarily maintained. Do <b>not</b> include the cost of maintenance and repairs charged as current operating expense. If, during 1958, you did not make any expenditure for this establishment of the kind described above, enter "None" on line d.	Type of capital expenditure (Excluding land)	Expenditures (Thousands of dollars)		KEY
		a. New structures and additions to plant (incl. major alterations, capitalized repairs and improvements)	\$		4
		b. New machinery and new equipment (including capitalized repairs and improvements)	\$		4-1
		c. Used plant and used equipment acquired from others	\$		4-2
		d. <b>Total capital expenditures (Sum of a, b, and c)</b>	\$		4-3
ITEM 9 QUANTITY OF ELECTRIC ENERGY USED DURING 1958 (Thousands of kilowatt hours)	Include on line a, all electric energy purchased for light, heat and power. Do not include electric energy purchased for resale. Include on line b, all electric energy generated in this establishment whether for use by this establishment or for sale. Include on line c, sales or transfers of electric energy generated by this establishment.	a. Purchased electric energy	Thousands of KWH		4-4
		b. Generated electric energy (Gross less generating-station use)			4-5
		c. Electric energy sold or transferred to other plants			4-6
					4-7*



(Please continue on next page.)

Form MC-35Q

1958 CENSUS OF MANUFACTURES

INDUSTRIAL FURNACES AND OVENS-Continued

CENSUS USE ONLY

NAME OF ESTABLISHMENT (Same as address box)

ESTABLISHMENT IDENTIFICATION NO

ITEM 16

(Not applicable to this industry)

ITEM 17

SELECTED MATERIALS CONSUMED DURING 1958

REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS

General.—This inquiry calls for a breakdown of your consumption of materials, parts, containers, and supplies, etc., during 1958, as reported in Item 6a of this form. Separate figures are required for each material listed below if your consumption of the material during 1958 amounted to \$5,000 or more. If you consumed some of the listed material but less than \$5,000 worth, please check the box provided for this purpose. The cost of materials, supplies, etc., which are not listed separately plus the value of the listed materials for which your 1958 consumption is less than \$5,000 should be reported on the line for "All other materials, components, parts, containers, and supplies consumed." The total cost in Item 17 should, therefore, agree with Item 6a.

Cols. D and E—Consumption of Materials Received From Other Establishments.—Report the quantity (Col. D) and delivered cost (Col. E) for each of the purchased materials actually consumed or put into production during the year, whether received from other companies, withdrawn from inventory, or received from other establishments of this company. Do not include materials produced in this establishment and used in further fabrication or assembly.

Col. D—Quantity.—Report the quantities actually consumed in terms of

the unit of measure specified in Col. C. If you do not have actual consumption records, but if purchases closely approximate consumption, your purchase figures may be used in reporting the item. However, if, for one of the items specifically listed, consumption differs significantly from purchases, please derive consumption figures by adding beginning inventory to purchases during the year and then subtracting closing inventory. Purchase data may be reported for minor materials and supply items.

Col. E—Delivered Cost.—Report amounts actually paid or payable after discounts, and include freight and direct charges incurred in acquiring the quantities of the listed materials consumed during 1958. For materials transferred from other establishments of this company, please estimate the commercial value of the material.

Line 11—All Other Materials and Components, Parts, Containers, and Supplies Consumed.—This figure may be derived by subtracting the sum of the material costs on lines 1-10 from total cost of all materials, parts, components, containers, and supplies consumed during 1958, as reported in Item 6a. This figure should also include the cost of the listed materials which are checked in Col. G because your 1958 consumption was less than \$5,000.

6	6-1	6-2	6-3X	6-5
Material	Census material code	Unit of measure	Consumption of materials received from other establishments	Delivered cost (In thousands of dollars)
A	B	C	D	E
Carbon steel	1 331211	1 Short tons		\$
Bars and bar shapes	2 331212	2 Short tons		\$
Sheet and strip	3 331213	3 Short tons		\$
Plates	4 331215	5 Short tons		\$
Structural shapes	5 331217	7 Short tons		\$
Wire and wire products				

Mill shapes and forms (except castings)

Carbon steel

Bars and bar shapes

Sheet and strip

Plates

Structural shapes

Wire and wire products

Line No.

1

2

3

4

5

If you consumed some but less than \$5,000 worth of the listed material, enter check in this column (include the cost of all materials checked with "all other materials, components, etc." line 11)

G

1

1

1

1

1



ITEM 18 PRODUCTS AND SERVICES OF THIS ESTABLISH- MENT DURING 1958	All other carbon steel mill shapes and forms . . . . .	6	331219	9	Short tons	\$	<input type="checkbox"/> 1
	Alloy steel (except stainless) Bars and bar shapes . . . . .	7	331221	4	Short tons	\$	<input type="checkbox"/> 1
	All other alloy steel mill shapes and forms . . . . .	8	331225	8	Short tons	\$	<input type="checkbox"/> 1
	Stainless steel mill shapes and forms . . . . .	9	331231	7	Short tons	\$	<input type="checkbox"/> 1
	<b>Steel castings</b> (rough and semifinished, received from foundry)	10	332311	5	Short tons	\$	<input type="checkbox"/> 1
	<b>All other materials and components, parts, containers, and supplies consumed</b>	11	970099	0		\$	
<b>Total</b> (Sum of lines 1-11; should be the same as Item 6a)		12				\$	

**REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS**  
Report separately each product listed; do not combine product lines.

**Total Shipments and Interplant Transfers (Col. (D) and Col. (E)).—**  
Report in these columns the quantity and selling value, f. o. b. plant, of all products made in this establishment which were physically shipped from this establishment during 1958. **Include** products shipped on consignment, whether or not sold at the end of the year. **Deduct** returned goods. **Include** products made for you by others on commission from your own materials. **Exclude** products made in this establishment on commission for others from their materials. **Exclude** items, such as "private brand" products, purchased from others for resale by you.

For value of shipments, report the net selling value, f. o. b. plant, of your total shipments of each product listed. The reported figures should repre-

sent values f. o. b. plant **after** discounts and allowances and should not include freight charges or excise taxes.

**Include** products transferred to other establishments of your company (such as other manufacturing plants or separate sales branches). Their "value" should be the nearest approximation to the commercial selling value, f. o. b. plant, and not the cost of production.

**Resales (Line 23).—**Report on this line the invoice sales value of products sold in the same condition as purchased, and which are not made part of any products included under "Products Made in This Establishment." This applies regardless of the brand names under which the products are resold. (The cost of such resold goods should be reported in Item 6b.)

a. Products Made in This Establishment	Product A	Line No.	7-IX Census product code B-1	Unit of measure B-2	7-4 Total shipments and interplant transfers	
					Quantity D	Value f. o. b. plant (In thousand of dollars) E
Indus- trial furnaces and ovens	Fuel fired furnaces	1	35672 11	9	No. of units	\$
	Metal melting (including blast furnaces and cupolas)	2	35672 21	0	No. of units	\$
	Metal processing and heat treating (such as annealing, hardening, carburizing, and porcelain enameling furnaces)	3	35672 32	4	No. of units	\$
	Kilns, cement, wood and chemical	4	35672 34	0	No. of units	\$
	Other nonmetallic (including kilns and lehrs)	5	35672 61	4	No. of units	\$
	Hot rolling, forging, forming and extruding					

(OVER)

## Form MC-35Q—Industrial Furnaces and Ovens—Continued

Page 4

ITEM 18		7	7-1X	7-2	7-3	7-4
PRODUCTS AND SERVICES, ETC.—Con.	Product	Line No.	Census product code	Unit of measure	Total shipments and interplant transfers	
					Quantity	Value f. o. b. plant (in thousands of dollars)
a. Products Made in This Establishment—Con.	<b>Industrial furnaces and ovens (continued)</b>					
	Fuel fired industrial ovens	6	35672 41 2	No. of units		\$
	Electric furnaces (excluding induction)	7	35671 11 6	No. of units		\$
	Metal melting	8	35671 21 7	No. of units		\$
	Metal processing and heat treating (such as annealing, hardening, carburizing, and porcelain enameling furnaces)	9	35671 31 8	No. of units		\$
	Nonmetallic (including kilns and lehrs)	10	35671 43 5	No. of units		\$
	Electric (including infrared) industrial ovens	11	35673 11 2			\$
	Parts, attachments, and components for industrial furnaces and ovens, including electric heating units (sold separately)	12	36191 13 0	No. of units		\$
	Induction furnaces and heating equipment	13	36191 15 6	No. of units		\$
	Radio frequency types (including spark gap)	14	36191 51 8	No. of units		\$
b. Contract Work	Line and motor-generator set frequency types	15				\$
	Dielectric heating equipment	16				\$
	(Specify kind and unit of measure)	17				\$
		18				\$
	Receipts for work done for others on their own materials (Describe products worked on and kind of work)	19	93000 00 0			\$
c. Miscellaneous Receipts	Receipts for repair work	20	99983 00 0			\$
	Receipts for installation (or construction) of products of this establishment (See special instruction sheet on reporting of installation costs in Items 4, 6, and 17)	21	99985 00 6			\$
	Other miscellaneous receipts (sales of scrap, etc.)	22	99980 00 1			\$



d. Resales	Sales of products <b>bought and resold without further manufacture, processing, or assembly</b> in this establishment		23 99989 00 8			\$
e. Total—(Sum of lines 1-23)			24 77000 00 8			\$
ITEM 19 FACTORY AND FIELD ASSEMBLY OF INDUSTRIAL FURNACES AND OVENS	Of the total value of shipments of industrial furnaces and ovens, and induction and dielectric heating equipment reported in Item 18 (Total Col. E, lines 1-14 above), report the value of shipments for 1958 which were:		Industrial furnaces and ovens		8-1 Code	8-2 Value of shipments (Thousands of dollars)
	a. Field assembled				44	\$
	b. Factory assembled				55	\$
ITEM 20 SELECTED METAL- WORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTAB- LISHMENT DURING 1958	Indicate in column (B) by checking appropriate boxes, whether or not the specified operations were performed in this establishment during 1958. A check should be entered in either the "Yes" box or "No" box for each operation. Where the "Yes" box is checked, show in column (C) the approximate number of production workers on all shifts usually engaged in the specified operation.					
	Operation A	Line No.	Was this operation performed in this establishment during 1958 B		8-1 Census code	8-2 Number of production workers (on all shifts) usually employed when operated (Estimate if necessary) C
	Machine shop	1	Yes <input type="checkbox"/>	No <input type="checkbox"/>	09	
	Plate or structural fabrication	2	Yes <input type="checkbox"/>	No <input type="checkbox"/>	12	
	Stamping, blanking, and forming	3	Yes <input type="checkbox"/>	No <input type="checkbox"/>	13	
	Painting, lacquering, and enameling	4	Yes <input type="checkbox"/>	No <input type="checkbox"/>	14	
ITEM 21	(Not applicable to this industry)					
ITEM 22	NAME AND ADDRESS OF PERSON WHO SHOULD BE CONTACTED IF QUESTIONS ARISE REGARDING THIS REPORT				TELEPHONE NO	
ITEM 23 CERTIFICATION	This report is substantially accurate and covers the period from _____ to _____					
	DATE	TITLE	SIGNATURE OF AUTHORIZED PERSON			

U. S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

## 1958 CENSUS OF MANUFACTURES

The purpose of this pamphlet is to assist you in filling out the enclosed Census of Manufactures form(s). Please read the instructions for each item before entering your figures. Note that all value figures are to be reported in *thousands* of dollars, all man-hour figures are to be reported in *thousands* of hours, and all electric energy figures are to be reported in *thousands* of kilowatt-hours.

### A. WHO SHOULD REPORT?

Every concern which receives a form is required to submit a separate census report for each of its manufacturing establishments in the Continental United States, Alaska, Hawaii, the Virgin Islands, and Guam. Concerns with more than one establishment must submit a separate re-

port for each establishment operated during all or any part of 1958. Your report should be returned to the Census Office shown on the enclosed envelope *within 30 days of its receipt*.

### B. WHAT IS A MANUFACTURING ESTABLISHMENT?

A manufacturing establishment is a single physical location where industrial operations are performed; for example, a factory, mill, or plant. Where a single physical location comprises two or more units which are engaged in distinct or separate manufacturing activities, and for which separate records are available or for which substantially accurate reports can be prepared, each such unit shall be treated as a separate establishment. In the preparation of such reports a limited amount of prorating or estimating may be necessary. An establishment is not necessarily identical with the business concern or firm which may consist of one or more establishments. It is also to be distinguished from organizational departments or other subdivisions within an establishment. Units at different physical locations, even though engaged in the same line of manufacturing, processing, and assembly, should be reported as separate establishments.

If you have not received a sufficient number of forms to cover all manufacturing establishments operated by your concern during the report year, please write the Bureau of the Census for additional copies, indicating the type

of activity which is not covered by the form(s) sent you. In corresponding for this, or any other reason, be sure to include in your letter the Census reference number which appears in the address box of the form sent you.

Please note that establishments engaged in the activities listed below are considered to be manufacturing for the purposes of this Census:

Assembling from purchased components	Sawmills
Apparel jobbing and contracting	Wood preserving
Publishing: book, magazine, periodical, etc.	Plating, galvanizing, polishing, etc., material owned by others
Printing	Job casting, stamping, machining
Machine shops, including those operating on a job order basis	Milk pasteurizing and bottling
Ready mixed concrete	Ship and boat repairing
Logging camps and logging	Lapidary work
	Rebuilding on a factory basis

If a manufacturing establishment had custodial or other employment, made shipments or had inventories during 1958, a report should be submitted for the location even though it was not in production during that year.

### C. WHAT KIND OF ACTIVITIES SHOULD THE ESTABLISHMENT REPORTS COVER?

Each report should cover all the production activities (manufacturing, fabricating, processing, and assembling) *conducted within the establishment*. It should also include activities such as the maintenance of plant and equipment, receiving, shipping, warehousing, storage, research, record keeping, health, safety, cafeteria, and other services, *when carried on at the same physical lo-*

*cation by the manufacturing establishment*. Your report should exclude sales branches, sales offices, research laboratories, retail stores, and general administrative offices, *if they are operated as separate establishments*. Separate Census reports should be submitted for each of these establishments.

REPORT ALL DOLLAR FIGURES, MAN-HOURS, AND KILOWATT-HOURS IN THOUSANDS



**D. WHAT PERIOD SHOULD EACH REPORT COVER?**

Each report should cover the calendar year 1958. If your book records are not on a calendar year basis, carefully prepared estimates for this period will be accepted. If, however, this procedure will involve you in considerable additional costs, and the ending date of your fiscal year is not more than two months from December 31, 1958, you may report on a fiscal basis. As in the 1954 Census, however, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year.

**E. HOW SHOULD MULTIPLE ESTABLISHMENT COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS AND MATERIALS?**

In order to provide accurate information for individual industries and States, it is necessary for each establishment of a multiple establishment organization to report as though it were operated as an independent manufacturing establishment. For example, where a single company operates a textile mill and also manufactures apparel, the transfer of fabrics from one establishment to the other should be reported at *approximately commercial value* and *not* at the cost of production. This requires that a company operating two or more establishments assign to the individual products transferred to other plants for further processing a reasonable proportion of the profits and the overhead costs. It is recognized that estimates will often be involved.

The dates given in the certification should show the exact period for which this report is made. Thus, if an establishment began to operate or ceased to operate within the year, the dates given will show that only part of a year is covered by the report. Where an establishment was operated during the year by two or more owners, complete the report only for that part of the year 1958 in which you owned and operated the establishment.

If the product section of the form (Item 18) calls for "interplant transfers" separately, it means transfers between *manufacturing* establishments of your company unless otherwise specified on the report form. The products reported at "transfer values" by the shipping establishments of your company should be reported by your receiving establishments as materials consumed (or inventories of materials, etc.) at the same values, except for the addition of freight and other direct handling charges.

These instructions apply to all establishments for which separate establishment reports are being submitted, including those at the same location as well as those at different locations.

**ITEMS ON THE REPORT FORM**

**Items 1 and 2.** (See instructions on Form.)

**Item 3. Payrolls.**—Report the gross earnings paid in calendar year 1958 to employees on the payroll at this establishment, *including* commissions, dismissal pay, paid bonuses, vacation and sick-leave pay, and compensation in kind, and *prior* to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. (You should follow the definition of salaries and wages that is used for calculating the withholding tax.) *Include* salaries of officers at this establishment, if a corporation; *exclude* payments to proprietor or partners, if an unincorporated concern. *Exclude* payments to members of armed forces and pensioners carried on your active payroll.

**Item 4. Number of Employees.**—Report employees at this establishment who worked or received pay for any part of the pay period (preferably one week) ended nearest the 15th of the specified months (i. e., March, May, August, and November for "production workers" and March *only* for "all other employees"). *Include* all persons on paid sick leave, paid holidays, and paid vacation during these pay periods; *exclude* members of armed forces and pensioners carried on your active rolls. *Include* officers at this establishment, if a corporation; *exclude* proprietor or partners, if an unincorporated concern. (You may follow the definition of employees specified by your State Employment Security Agency.)

**Items 4e and 4f.** Add the four production worker em-

ployment figures on lines 4a-4d and enter total on line 4e; *divide* this total by *FOUR* and enter the result on line 4f. In cases where the establishment did not operate in all four periods, the sum shown in 4e should still be divided by four.

**Item 5. Plant Man-Hours of Production Workers, by Quarter.**—"Plant man-hours" of production workers are designed to measure the over-all activity of the plant during each quarter. The requested figures consist of all man-hours worked or paid for, except hours paid for vacations, holidays or sick leave, when the employee was *not* at the plant. *Include* actual overtime hours, not straight-time equivalent hours. If employee elects to work during the vacation period, report only actual hours worked by such employee.

**Item 6. Cost of Materials, Fuels, Electric Energy, Contract Work, Etc.**

**What to Include in This Item.**—Report total costs of materials, supplies, semi-finished goods, fuels, etc., actually consumed or put into production during 1958 by your establishment.

**Definition of Consumption.**—Include costs of materials, supplies, semi-finished goods, etc., used during 1958. Include costs of such items received prior to 1958 if they were consumed during 1958. Do not include items received in 1958 if they were not consumed that year. If your records do not show actual amounts consumed or put into production during the year, but purchases closely



approximate consumption, purchase figures may be used in completing Items 6a, 6c, and 6d. This applies especially to minor materials and supply items. If, for any major item, however, consumption differs significantly from purchases, consumption should be computed from your records of purchases (receipts) and inventories of materials as follows: Add the cost of material received during the year to cost of material on hand at the beginning of the year and from this total subtract cost of material on hand at the end of the year. The resulting figure represents consumption during the year. *In addition to items purchased from other companies you should be sure to include materials, fuels, supplies, etc., received from other establishments of your company.*

**Definition of Cost.**—"Cost" refers to direct charges actually paid or payable for items consumed or put into production during the year. It should represent the net cost after discounts and should include freight charges and other direct charges incurred by the establishment in acquiring these materials.

The cost reported for materials, etc., received from other plants of your company or from a central materials depot (whether at the same or different physical location) should approximate the commercial values of these materials plus freight and other direct handling charges. Wherever possible, these figures should be checked with the values reported by the plant producing and transferring the goods and should exceed the shipment values reported for the producing plant by the addition of freight or other direct handling charges involved.

**Item 6a. Cost of Materials, Parts, Components, Containers, Supplies, Etc., Consumed.**—The figures reported in Item 6a should cover materials, supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance, and (4) owned by you but consumed by other companies to make products for your establishment.

Report the total delivered cost of *all* raw materials, semi-finished goods, parts, components, containers, scrap, and supplies used or put into production during 1958 by this establishment. For semi-finished goods, parts, or components produced *during* 1958 and incorporated into finished products at the same plant *during* 1958, include the cost of raw materials used rather than the value of the intermediate products.

*Include* only physical goods used or put into production and not services used or overhead charges. *Exclude* such services as advertising, telephone, telegram and cable, insurance, developmental and research services provided by other establishments, services of engineering, management, marketing and other professional consultants, etc., unless charges for such services are included in the prices paid for materials. *Exclude*, in addition, such overhead items as depreciation charges against plant and equipment, rent and rental allowances, interest payments, royalties, and patent fees. *Exclude* materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which are chargeable to fixed assets accounts. Products purchased and

resold without further manufacture or processing or assembly should be included in *Item 6b*.

**Item 6b. Cost of Products Bought and Resold Without Further Manufacture, Processing or Assembly in This Establishment During 1958.**—Report the cost of all products bought and resold in the *same* condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products thus resold is to be reported in Item 18 on the line for "Resales.")

**Item 6c. Fuels Consumed.**—Report the total amount actually paid or payable during 1958 for all fuels consumed for heat, power, or the generation of electricity. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels and purchased steam. The cost of fuels used as raw materials (e. g., natural gas in the production of carbon black) should be included in Item 6a.

**Item 6d. Purchased Electric Energy.**—Report the total amount actually paid or payable for electric energy purchased during 1958 from other companies, or received from other establishments of your company. *Exclude* the value of electricity generated at this establishment.

**Item 6e. Cost of Work Done for You by Others on Your Own Materials During 1958 (Contract Work).**—If any work was done by others on production materials furnished by your establishment, report the total payments made during 1958 for such work, including freight out and in. *Exclude* the cost of materials worked on, which should be included in Item 6a.

**Item 7. Inventories of This Establishment.**—Where a company operates more than one establishment (i. e., plant, sales branch, retail stores, etc.) the inventories held by each establishment should be included on Census reports for that establishment. Inventories should be reported at approximate current costs, if feasible; otherwise at book values.

**Item 8. Capital Expenditures for This Establishment During 1958 (Exclude expenditures for land).**—Capital expenditures cover: New structures and additions (including major alterations, capitalized repairs and improvements) to your plant (whether on contract or by your own forces); new machinery and new equipment; capitalized repairs and improvements to your existing machinery and equipment; and "used" plant and equipment acquired from others. Such expenditures during 1958 may be determined by the following computation: Additions completed during the year, plus construction-in-progress at the end of the year, minus construction-in-progress at the beginning of the year.

**Item 8a. New Structures and Additions to Plant.**—Report total expenditures during 1958 for new construction, major alterations, capitalized repairs, and improvements of buildings (including all new elevators, cranes, heating and ventilating equipment, essentially a part of the buildings), other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types

REPORT ALL DOLLAR FIGURES, MAN-HOURS, AND KILOWATT-HOURS IN THOUSANDS



of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities, etc.).

**Item 8b. New Machinery and New Equipment.**—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include new machinery and equipment purchased for replacement purposes, as well as for additions to capacity. Include the value of improvements and capitalized repairs to machinery and equipment as well as the value of new machinery and equipment transferred from other establishments of this company or produced and used at this establishment. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks and other similar equipment.

**Item 8c. Used Plant and Used Equipment Acquired From Others.**—Report total expenditures at this establishment for old or existing plant and for second-hand equipment acquired from others (including the U. S. Government).

**Item 9. Quantity of Electric Energy Used During 1958.**—Report all quantities of electrical energy in thousands of kilowatt-hours.

**Item 9a. Purchased Electric Energy.**—Enter the quantity of electric energy (in thousands of kilowatt-hours) for which the cost was reported on line 6d.

**Item 9b. Generated Electric Energy.**—Enter here the total quantity of electrical energy generated in this plant during 1958 although a part of such energy may have been sold or transferred.

**Item 9c. Electric Energy Sold or Transferred to Other Plants.**—Include here only that electrical energy which was generated in this establishment and then sold to

other companies or transferred to other plants of your company.

**Items 10-15.**—(See instructions on form.)

**Item 16. Fuels Consumed During 1958.**—(*This item is included on selected report forms.*) Report this item only if your total fuel cost reported in Item 6c is \$5 thousand or more. Include all fuels purchased from other companies or transferred from other establishments of your company. Do not include fuel that was produced and used at this establishment for power or heat; for example, fuel oil produced and consumed at petroleum refineries. Include fuel used as raw materials in Item 17; for example, crude petroleum, coal used in making coke, and gas used in making carbon black. Some forms provide for a check-box on type of fuel oil consumed. "Distillate (light)" fuel oil includes Grade Nos. 1 through 4 and P. S. 100 and 200. "Residual (heavy)" fuel oil includes Grade Nos. 5 and 6 and P. S. 300 and 400. If over 90 percent of the fuel oil used was of one type, check only the principal type.

*If your gas is billed in therms, convert as follows:*

- a. *For natural gas—1 therm equals 100 cubic feet*
- b. *For manufactured gas—6 therms equal 100 cubic feet.*

**Items 17-22.**—(See instructions on form.)

**Item 23. Certification.**—Enter the month and day of the beginning and end of year your report covers. If a calendar year report: "From January 1 to December 31, 1958;" if a fiscal year, specify which (such as "From December 1, 1957 to November 30, 1958).". If a part year report is submitted specify the actual period covered: for example, January 1, 1958 to August 15, 1958, or June 1 to December 31, 1958.

BUREAU OF THE CENSUS 1958 CENSUS OF MANUFACTURES										CARD TYPE	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	FIELD 6	FIELD 7	FIELD 8	FIELD 9	FIELD 10	LONG FORM CARD	
0000000000										00	SERIAL NUMBER	LOCATION CODE	F O	FORM NUMBER RECODE	INITIAL INDUSTRY CODE	PRODUCTION WORKERS WAGES (000)	OTHER EMPLOYEES SALARIES (000)	TOTAL SALARIES AND WAGES (000)	PRODUCTION WORKERS			
1111111111										01	NOVEMBER NUMBER	TOTAL QUARTER NUMBER	AVERAGE NUMBER	OTHER EMPLOYEES MARCH NUMBER	ALL EMPLOYEES AVERAGE NUMBER	JANUARY-MARCH (000)	APRIL-JUNE (000)	JULY-SEPTEMBER (000)	OCTOBER-DECEMBER (000)	TOTAL (000)		
2222222222										02	COST OF MATERIALS, FUELS, ELECTRIC ENERGY, CONTRACT WORK, ETC.,											
3333333333										03	INVENTORIES AT BEGINNING OF YEAR											
4444444444										04	INVENTORIES AT END OF YEAR											
5555555555										05	CAPITAL EXPENDITURES DURING YEAR											
6666666666										06	QUANTITY OF ELECTRIC ENERGY USED											
7777777777										07	QUANTITY OF SHIPMENTS AND TRANSFERS											
8888888888										08	MULTIPLE USE COLUMNS											
9999999999										99	MULTIPLE USE COLUMNS											
1 2 3 4 5 6 7 8 9 10										11	MULTIPLE USE COLUMNS											
11 12 13 14 15 16 17 18 19 20										21	MULTIPLE USE COLUMNS											
21 22 23 24 25 26 27 28										29	MULTIPLE USE COLUMNS											
29 30 31 32 33 34										35	MULTIPLE USE COLUMNS											
35 36 37 38 39 40										41	MULTIPLE USE COLUMNS											
41 42 43 44 45 46 47 48										49	MULTIPLE USE COLUMNS											
49 50 51 52 53 54 55 56										57	MULTIPLE USE COLUMNS											
57 58 59 60 61 62										63	MULTIPLE USE COLUMNS											
63 64 65 66 67 68										69	MULTIPLE USE COLUMNS											
69 70 71 72 73 74										75	MULTIPLE USE COLUMNS											
75 76 77 78 79 80											MULTIPLE USE COLUMNS											



INST.  
MC-35Q

Department of Commerce  
Bureau of the Census

1958 CENSUS OF MANUFACTURES

Supplemental Instructions for Form MC-35Q, "Industrial Furnaces  
and Ovens"

The following instructions supplement the "General Instructions to Manufacturers  
for Preparing Reports"

INSTALLATION (OR CONSTRUCTION) OF PRODUCTS OF YOUR OWN MANUFACTURE

(These instructions apply to companies engaged in installing or erecting their own manufactured products.)

Where your product is installed or erected by a labor force separate from the regular force attached to your manufacturing establishment, do not include installation costs.—The separate labor force may consist either of a distinct group of your employees not attached to your manufacturing plant, or of local labor hired by you in the field, or a combination of both of these. This labor force should be omitted from the sections on employment and payrolls (Items 3 and 4); the value of the installation services should not be included in the section on products shipped (Item 18); and, the amounts reported for cost of materials, etc. (Item 6), should be restricted to factory operations. However, include in Items 3b and 4g engineering and supervisory personnel on your regular plant payroll who may be engaged in installing or testing your products. If your records do not provide exact figures to serve as the basis for segregating these installation costs, carefully prepared estimates will be acceptable.

When your product is installed or erected by the regular labor force of your manufacturing plant, operating out of the plant itself, installation costs and the value of installation services should be included.—In installations of this type the employees will not be a separate group of workers located away from the premises of the manufacturing plant.

Include these workers engaged in installing your products in Items 3 and 4, "Payrolls and Employment 1958."

Receipts for installation services should be reported separately on line 21, Item 18.

Do not include these receipts in the value of industrial furnaces and ovens as reported on lines 1-11, Item 18.

If your records do not provide exact figures on the value of installation work, carefully prepared estimates will be acceptable.

In no case should installation costs (or the value of the service) be included in your report where the installing or erecting is performed by a separate company, whether the services of that company have been contracted for by your customer or by yourself.

Please state in the Remarks Section of this form whether you install or erect your manufactured products.—If you do such installing or erecting, you should further indicate whether or not the installation costs and value of such services are included in your report (using the above instructions as the basis for reporting).

Return this copy to  
Bureau of Census**ORIGINAL**  
**Form MC-36Z**U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS**1958 CENSUS OF MANUFACTURES  
ELECTRICAL MACHINERY, EQUIPMENT,  
AND SUPPLIES**

CENSUS USE ONLY		Location				F/O
0						
0-1		0-2				

**PLEASE READ ENCLOSED INSTRUCTIONS BEFORE COMPLETING REPORT.**Please complete and return this form to the Bureau of Census, Jeffersonville, Indiana,  
**not later than 30 days** after you receive it.

<b>ITEM 1A NAME OF ESTABLISHMENT</b>	NAME	
(In answering Item 1B, parts (1) through (5) below, be sure your answers relate to the ACTUAL PHYSICAL LOCATION of your establishment, which may be different from its mailing address.)		
<b>ITEM 1B LOCATION OF ESTABLISHMENT</b>	1. STATE	2. COUNTY
<b>3. Is this establishment within the legal boundary of a municipality?</b>		
Yes <input type="checkbox"/> No <input type="checkbox"/>		
If "Yes," (a) Enter name of the municipality. (Enter name only if establishment is within legal boundary)		
(b) Type of municipality. (Check applicable box)		
<input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Borough <input type="checkbox"/> Other (Specify) _____		
<b>4. STREET AND NUMBER AT ESTABLISHMENT LOCATION</b> (If establishment location cannot be described by street and number, give name (and number, if any) of road or highway and sufficient information to locate establishment, e. g., Rt. 25, 3 miles South of Charlesville.)		
<b>5. Is this establishment within a town or township?</b>		
Yes <input type="checkbox"/> No <input type="checkbox"/>		
IF "YES," ENTER NAME OF TOWN OR TOWNSHIP		

Form approved; Budget Bureau No. 41-58101.

**CONFIDENTIAL.**—This report is required by Act of Congress, approved August 31, 1954, (13 U. S. C. 131 and 224). Your report is confidential and only sworn Census employees will have access to it. It cannot be used for purposes of taxation, investigation or regulation.In correspondence pertaining to this report  
please refer to this file number

MC-36Z (3630) ▲

(Please correct any errors in name and address)

**ITEM 2A  
FEDERAL SOCIAL  
SECURITY  
EMPLOYER  
IDENTIFICATION  
NUMBER**

Federal Social Security Employer Identification Number of this establishment (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)

(Enter all 9 digits)

**ITEM 2B  
COMPANY  
ORGANIZATION**

(a) Does this company operate more than one place of business under the same Employer Identification Number (Item 10 of Employer's Quarterly Tax Report, Treasury Form 941)?

Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

(b) Does this company own or control another company?

Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

(c) Is this company owned or controlled by another company? If "Yes," is checked in Part (c), give name and address of owning or controlling company.

(Check one)

(1) ☐ Individual proprietor(x) ☐ Partnership (Specify number of working partners \_\_\_\_\_)(0) ☐ Corporation (Do not include any form of coop. ass'n)(8) ☐ Cooperative association (corporate or noncorporate)(9) ☐ Other (Specify) \_\_\_\_\_



## IMPORTANT—Enter all value figures in THOUSANDS OF DOLLARS

ITEM 3 TOTAL 1958 PAYROLLS	Total 1958 payrolls: wages, salaries, bonuses, commissions and other remunerations paid in entire year 1958, before deductions. (Exclude payments to proprietors or partners, if an unincorporated firm. You may follow the definition of salaries and wages that is used for calculating the withholding tax.)					Amount (Thousands of dollars)	Key
					\$		0-5
ITEM 4 NUMBER OF PAID EMPLOYEES	Total number of paid employees during the pay period ended nearest the 15th of the following months in 1958. (Exclude proprietor or partners, if an unincorporated concern. You may follow the definition of employees specified by your State Employment Security Agency.)					March      0-6 May      0-7 August      0-8 November	0-9 *
ITEM 5	(Not applicable to this industry)						
ITEM 6 COST OF MATERIALS, FUELS, ELECTRICITY, ETC.						Cost (Thousands of dollars)	1
	a. Cost of materials, parts, components, supplies, containers, fuel and electric energy consumed during 1958					\$	1-1
	b. Cost of products bought and resold <b>without</b> further manufacture, processing, or assembly in this establishment during 1958					\$	1-2
	c. Cost of work done for you by others on your own materials (contract work) during 1958					\$	1-3
	d. Total cost (Sum of a, b, and c)					\$	1-4
ITEM 7 INVENTORIES OF THIS ESTABLISH- MENT	(Report value of all inventories of this establishment, including finished products, work-in-process, materials, supplies, fuel, etc. Do not include goods held by you, but owned by others.)					Value (Thousands of dollars)	
	a. Beginning of 1958 inventories					\$	1-5
	b. End of 1958 inventories					\$	1-6
ITEM 8 CAPITAL EXPENDI- TURES DURING 1958	Report all expenditures during 1958 for new plant, new equipment, and new machinery that are chargeable to the fixed assets accounts of this establishment and are of the type for which depreciation accounts are maintained. Include major alterations and capitalized repairs but do <b>not</b> include expenditures for land or for used plant and equipment. If no capital expenditures were made during the year, insert "None."					Amount (Thousands of dollars)	1-7 *
ITEMS 9-17	(Not applicable to this industry)						

(OVER)

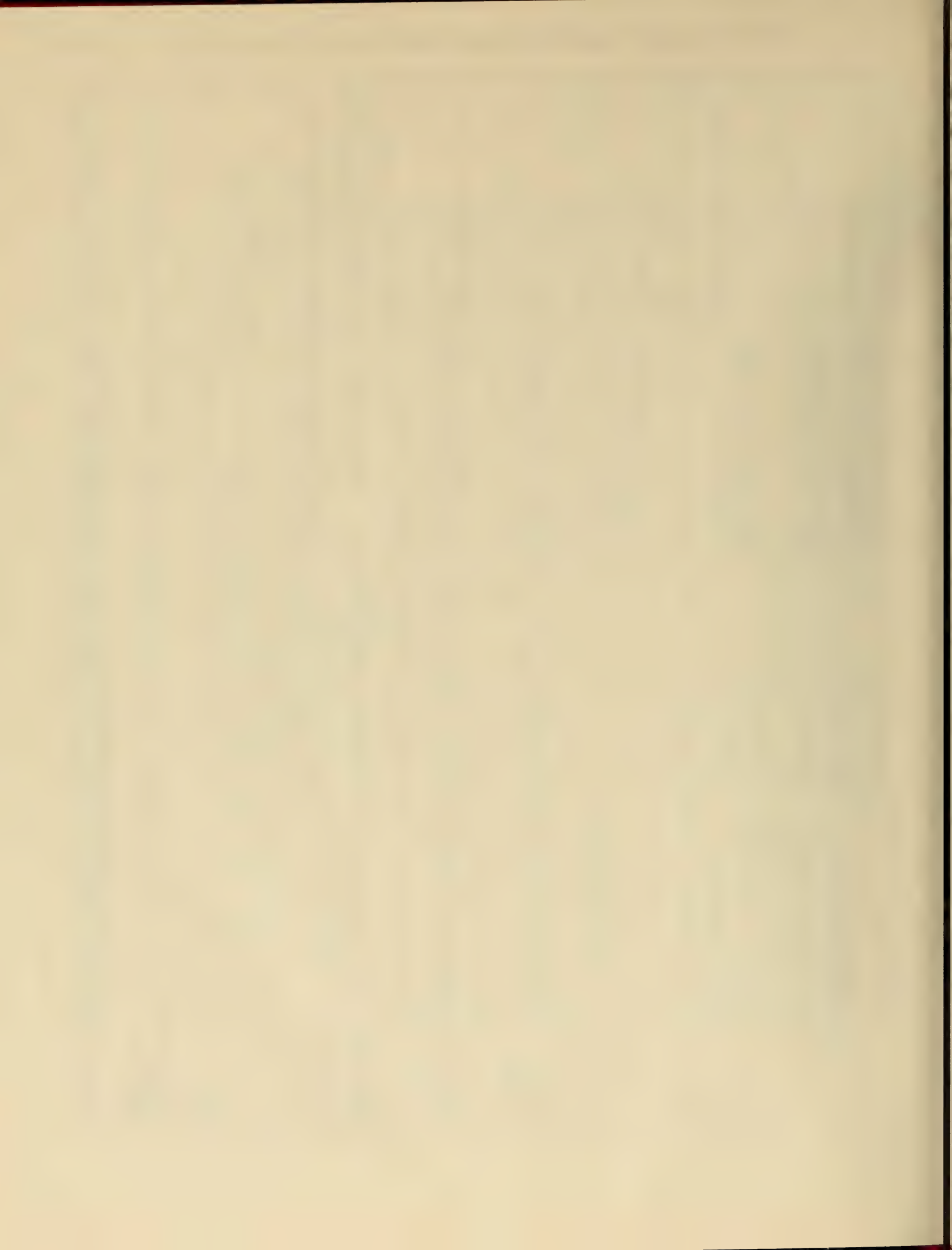
## Form MC-36Z—Electric Machinery, Equipment, and Supplies—Continued

Page 2

ITEM 18 PRODUCTS AND SERVICES OF THIS ESTABLISH- MENT DURING 1958	Nature of Activity.—Describe briefly the kinds of activity at this establishment. Cover all activities, both manufacturing and nonmanufacturing. For manufactured products, indicate process of manufacture, materials used, and type of products made. Examples: "Make mica parts for radios," "Rebuild TV picture tubes," "Assemble electric sockets," "Rewind motors."					REPORT ALL VALUE FIGURES IN THOUSANDS OF DOLLARS				
	Enter on line 39, Column E below the total receipts from products shipped or services sold by this establishment during 1958. Account for all receipts of this establishment. Then report separately in Column E the value of shipments of each product listed. Do not combine product lines. If some or all of the products you made in 1958 are not listed, please list each such product on a separate line under "All other products" (lines 31-35) and enter in Column E the 1958 value of shipments.									
	7	7-1XX	7-4	7-1XX	7-4	7	7-1XX	7-4	7-1XX	7-4
	Product class description A	Line No.	Product class code B	Value of shipments and receipts (In thousands of dollars) E		Product class description A	Line No.	Product class code B	Value of shipments and receipts (In thousands of dollars) E	
a. Products Made in this Establishment	Wiring devices, current carrying	1	36111 99	8 \$		Electrical equipment for internal combustion engines except ignition harness and cable sets	17	36412 99	0 \$	
	Wiring devices, noncurrent carrying	2	36112 99	1 \$		Phonograph needles and cutting styli	18	36611 00	7 \$	
	Integrating instruments, electric	3	36131 99	0 \$		Radio and T.V. broadcast equipment, radar and sonar equipment; broadcast antennas; transceivers	19	36614 99	2 \$	
	Test equipment for testing electrical, radio, and communication circuits and motors	4	36132 99	3 \$		Electronic type components for communications equipment	20	36615 99	5 \$	
	Other electrical measuring instruments (except tripping transformers) (Specify kind)	5	36133 97	0 \$		Recorders (except office wire and tape dictating machines) and recording wire and tape; amplifiers; projection audio equipment; public address systems	21	36616 99	8 \$	
	Rewinding electric motors	6	95120 51	5 \$		Picture tubes, TV, including rebuilt	22	36621 99	4 \$	
	Parts for motors and generators	7	36146 11	4 \$		Phonograph records	23	36631 99	5 \$	
	Parts for electric transformers	8	36153 99	8 \$		Intercommunication equipment; railroad signals, electric	24	36691 11	9 \$	
	Industrial electrical control equipment except railway and motor vehicle controllers	9	36162 99	6 \$		Street traffic electric signals	25	36693 11	5 \$	
	Arc welding machines, components and accessories excluding electrodes	10	36171 99	4 \$		Storage batteries, SLI type	26	36911 99	2 \$	
	Arc welding electrodes	11	36172 99	7 \$		Medical, dental, and industrial X-ray equipment, components, and tubes	27	36931 99	4 \$	



	High frequency induction and dielectric heating apparatus	12	36191 99	6 \$			28	36932 99	7 \$	
	Coil windings, electrical	13	36193 81	7 \$						
	Electric fans, except industrial type	14	36211 99	1 \$			29	36993 99	6 \$	
	Small electrical appliances, household	15	36213 99	7 \$						
	Insulated wire and cable, except communication	16	36312 99	7 \$			30	36313 99	0 \$	
	All other products (Specify kind)						31		\$	
<b>b. Miscellaneous Receipts</b>	Receipts for work done for others on their own materials (Contract work). (Describe products worked on and kind of work)						32		\$	
							33		\$	
							34		\$	
							35		\$	
<b>c. Resales</b>	Receipts for repair work, installation of own products, and sale of scrap and refuse						36	93000 99	6 \$	
	Sales of products bought and resold without further manufacture, processing, or assembly in this establishment						37	99980 99	7 \$	
							38	99989 99	4 \$	
<b>d. Total—</b> (Sum of lines 1-38)							39	77000 99	4 \$	
<b>ITEMS 19-22</b> (Not applicable to this industry).										
Remarks										
<b>ITEM 23</b> <b>CERTIFICATION</b>		This report is substantially accurate and prepared by _____ on _____ Date _____ Signature _____								





# APPENDIX E.—PROVISIONS OF LAW RELATING TO CENSUS OF MANUFACTURES

(From Title 13 United States Code)

SECTION 131. The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades, service establishments, and transportation (exclusive of means of transportation for which statistics are required by law to be filed with, and are compiled and published by, a designated regulatory body), in the year 1954 and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof: Provided, That the censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades and service establishments, directed to be taken in the year 1954 relating to the year 1953, shall be taken instead in the year 1955 relating to year 1954. The censuses provided for in this section shall include the United States and its Territories and such Possessions as the Secretary may determine.

SECTION 224. Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge

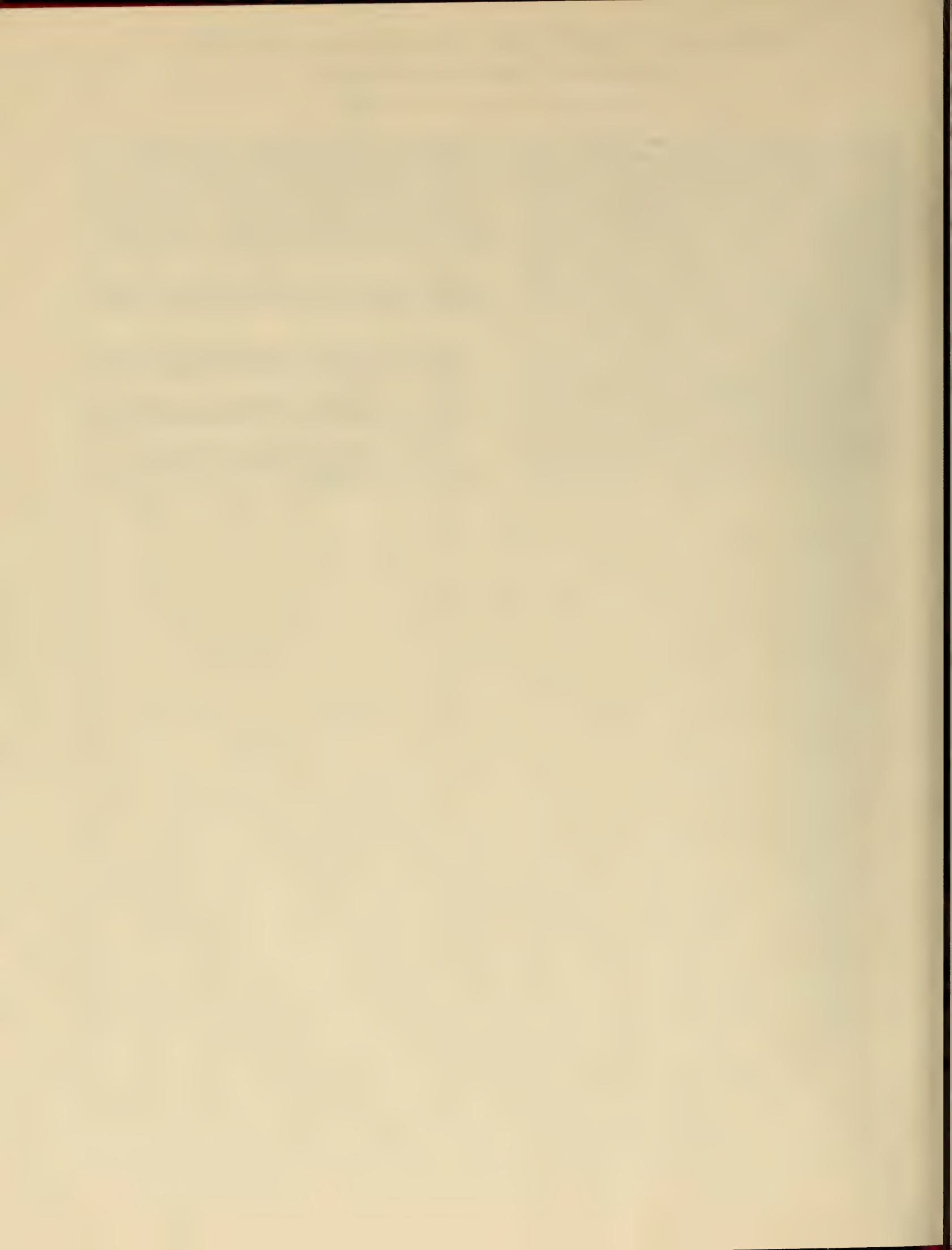
all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.

SECTION 9. (a) Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may . . .

(1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or

(2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or

(3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.





# APPENDIX F.—ALPHABETIC INDEX OF MANUFACTURED PRODUCTS

This index is designed primarily to assist the user in finding the numeric code for manufactured products and locating data for specific products in table 6A "Quantity and Value of Products Shipped." Included in this index are approximately 7,000 individual product lines listed on the 1958 Census of Manufactures report forms as well as alternate descriptions of some of these lines and listings of items included in "all other" categories. Accordingly, data do not appear for every alphabetic entry in this index; conversely, table 6A may contain greater detail by size, type of material, etc., than is shown in this index for particular items. Where a product line appears in more than one table 6A, the page numbers are shown for each table 6A.

Census code classifications are based on the 1957 edition of the Standard Industrial Classification Manual issued by the Bureau of the Budget; the Census expansion of 4-digit classifications to 5 and 7 digits is shown in table 6A.

Product	Code	Page	Product	Code	Page
<b>A</b>			<b>Agricultural--Continued</b>		
Abrasive paper stock.....	2621759	26A-13	Machinery (except tractors).....	3522300-898	35A-13-20
Abrasive points; wheels; disks, dental.	3843061	38A-22	Organic chemicals, except		
Abrasives: metallic; nonmetallic.....	3291117-498	32E-15	preparations.....	2818411	28A-19
Absorbent cotton, sterilized.....	3842127	38A-21	Air and gas compressors, except		
Accordions and parts.....	3931498	39B-12	refrigeration compressors.....	3561411-67	35E-17
Account books, other than sales books..	2782111	27C-15	Air brushes, artists'.....	3952211	39C-15
Accounting machines.....	3571212	35F-10	Air-conditioning equipment.....	35851--	35G-16-17
Acetate, cellulose (plastics).....	2821111-25	28B-12	Aircraft--		
Acetate yarn.....	28231--	28B-14	Complete.....	3721110-959	37B-11
Acetic acid natural, hardwood			Engines.....	37221,37222	37B-11
distillation.....	2861231	28F-12	Engine instruments, except flight...	3821111	38A-20
Acetic acid, synthetic.....	2818211	28A-19	Flight instruments and automatic		
Acetylene.....	2813210	28A-17	pilots.....	3811111	38A-20
Acetylene welding and cutting apparatus	3548321-31	35C-19	Hardware.....	3429131	34A-16
Acids (see also specific kind):			Landing gear.....	3729198	37B-11
Acetic (synthetic); lactic; tartaric)	2818211	28A-19	Nautical and navigational instruments	3811111-98	38A-20
Chlorosulfonic.....	2819421	28A-20	Parts, not elsewhere classified.....	3729198	37B-11
Chromic.....	2819431	28A-20	Propellers, complete.....	3723011	37B-11
Fatty.....	2894011-81	28G-16	Air washers.....	3564231	35E-19
Inorganic, except nitric and sulfuric	2819411-98	28A-20	Alarms and signalling systems, electric	3662341-49	36D-19
Nitric.....	2819111	28A-20	Albums and scrap books.....	2782131	27C-15
Organic, natural.....	2818551	28A-19	Alcohol:		
Organic, synthetic.....	2818598	28A-19	Ethyl, industrial.....	2848511-21	28A-19
Perchloric.....	2819498	28A-20	Grain (for beverage purposes).....	2085111-381	20G-14
Phosphoric.....	2819481-85	28A-20	Methyl, natural.....	2861241	28F-12
Sulfuric.....	2819511-71	28A-20	Ale.....	2082019,	20G-13
Tannic, natural.....	2818551	28A-19	41, 63		
Activated carbon.....	2819924-26	28A-22	Alfalfa meal.....	2042431-35	20D-14
Acylic chemicals; misc.....	2818211	28A-19	Alkalies.....	2812231-481	28A-17
Adding machines.....	3571212	35F-10	Alkaloids and salts, medicinal (bulk		
Additives, ferroalloy.....	3312195,	33A-15	uncompounded).....	2833121-28	28C-9
	3313012		Alloys (see also specific kind).....	3341111-641	33C-16-18
Addressing machines.....	3579010	35F-11	Aluminum--		
Adhesive--			Base alloys.....	3334111,	33C-17
Plaster.....	3842124	38A-21		3341111,	
Tape, cellophane.....	2641451	26B-14		3352011	
Tape, pressure sensitive, except			Castings.....	3361011-61	33D-24
rubber.....	2641411-71	26B-14	Compounds, except alum-oxide.....	2819611-71	28A-21
Tape, surgical.....	3842124	38A-21	Foil, converted.....	3497031-39	34E-23
Adhesives, except sizes.....	2891111-83	28G-15	Foil, plain.....	3352311-21	33D-18
Adhesives, synthetic resin.....	2821313-26	28B-12	Forgings.....	3392033-35	33E-9
Adobe brick.....	3259298	32B-13	Refined, unalloyed.....	3334211	33C-17
Advertising sign displays and novelties	3993211-311	39E-16	Rolling and drawing, except wire....	3352213-655	33D-18
Aerosols--			Alums.....	2819671	28A-21
Nonpersonal deodorants.....	2842381	28D-13	Ammeters.....	3611331, 85	36A-17
Pest control.....	2842112	28D-13	Ammonia; anhydrous; aqua; liquor.....	2819131-33	28A-20
Shaving preparations.....	2844135, 54	28D-14	Ammonia (coke-oven).....	3312141	33A-15
Aggregate, exfoliated vermiculites....	3296145	32E-17	Ammonia, household.....	2842371	28D-13
Aggregate, lightweight, except			Ammonium compounds.....	2819141-59	28A-20
vermiculite.....	3295011	32E-16	Ammunition boxes; metal.....	3499011	34E-23
Agricultural--			Ammunition; explosives, loading		
Edged hand tools.....	3423211	34A-16	machinery, and equipment.....	3559589	35D-17
Hand tools, except edged.....	3423341	34A-16	Amplifiers, radio, household type.....	3651362	36D-17
Insecticides and fungicides.....	2873011-77	28F-13, 14			

Product	Code	Page	Product	Code	Page
Amusement machines, coin-operated, except phonographs.....	3999212-98	39E-16	Asphalted-felt-base floor and wall covering.....	3982212-51	39D-13
Analgesics.....	2834612-68	28C-10	Aspirin (acetylsalicylic acid).....	2834617	28C-10
Andirons.....	3429552	34A-17	Aspirin compounds, noneffervescent....	2834618	28C-10
Anesthesia apparatus.....	3841081	38A-21	Assistants and finishes: textile; leather.....	2843011-71	28D-14
Anesthetics.....	2834911-15	28C-11	Athletic and sporting goods.....	3949114-298	39B-13
Animal dips.....	2879031	28F-14	Atlases, publishing.....	2741365	27A-20
Animal feeds, prepared.....	2042101-435	20D-14	Audio equipment, complete units.....	3651331-66	36D-17
Animal oils.....	2095011-71	20H-14	Auger bits (edge tools).....	3423271	34A-16
Anklets.....	2252321-45	22B-21	Autographic registers.....	3579010	35F-11
Anode copper.....	3331111	33C-16	Automatic pilots, aircraft.....	3811111	38A-20
Antacids, pharmaceutical preparations..	2834412-16	28C-10	Automobile lifts (service station and garage types).....	3534031	35B-21
Ant poison.....	2842112-15	28D-13	Automobiles.....	3717111	37A-12
Antennas, complete units, broadcast equipment.....	3662231	36D-19	Automotive--		
Antibiotic pharmaceutical preparations (human use).....	2834212-56	28C-9	Engines and parts (rebuilt), except carburetors.....	3717711	37A-12
Antibiotics (bulk, uncompounded).....	2833181-89, 2833211-15	28C-9	Maintenance equipment.....	3548411	35C-19
Antifreeze preparations, automobile....	2899335-36	28G-16	Replacement parts (see also specific kind).....	3717600	37A-12
Antihistamines, pharmaceutical preparations.....	2834351-59	28C-10	Sealed beam lamps.....	3641031-32	36C-12
Antimonial lead.....	3332331, 3341321	33C-17, 19	Wire and cable.....	3357973-98	33D-23
Antimony compounds, chemical.....	2819991	28A-23	Awnings and canopies, sheet-metal....	3444371	34C-22
Antimony, unalloyed: refined.....	3339779, 3341689	33C-17	Awnings, canvas'.....	2394021	23E-18
Antiseptics, medicinal.....	2834925-30	28C-11	Axes.....	3423231	34A-16
Antitoxins and antitoxic serums.....	2831111-227	28C-9	Axle shafts, motor vehicle, replacement parts.....	3717600	37A-12
Apparel (see also specific kind):			<b>B</b>		
Outerwear, of knit fabric.....	2253---	22B-22-23	Babassu oil.....	2093262-67	20H-13
Play garments, women's, misses', and juniors'.....	2339322-29	23B-19	Babbitt metal, lead-base.....	3332332, 3341331	33C-16
Underwear, of knit fabric.....	2254---	22B-23	Babbitt metal, tin-base.....	3332335, 3341335	33C-16
Washable service, men's.....	23282--	23A-28	Baby carriages.....	3943011	39B-12
Washable service, women's, misses', and juniors'.....	2339211	23B-19	Baby--		
Work clothing, men's and boys'.....	2328---	23A-28	Foods, canned.....	2032111-98	20C-17
Appliances, electrical, small household	3634312-98	36B-15-16	Oils.....	2844517	28D-15
Appliance wire and cord.....	3357621-29, 3699621-29	33D-22-23	Pants, plastic and rubberized.....	2385071	23D-20
Aprons, household.....	2339211	36E-13	Pants, rubber.....	3069853	30A-17
Aprons, rubberized or plastic.....	2385076	23B-19	Bacon, slab.....	2011635, 2013635	20A-13
Arctics, rubber and cloth.....	3021041-45	23D-20	Bacon, sliced.....	2011641, 2013641	20A-12
Arc-welding equipment.....	3623111-253	30A-15	Bacteriological materials.....	2831131	28C-9
Arm bands, elastic.....	2389021	36A-20-21	Badges, made from fabric.....	2399041	23E-19
Arms, small, 30mm and under.....	1951232-281	23D-20	Badges, metal.....	3999361	39E-16
Arsenic compounds, including white arsenic.....	2819992	39E-17	Bagasse.....	2061081	20F-12
Arsenical insecticides and fungicides..	2873011-13	28A-23	Bagging, jute (for baling cotton).....	2299251	22F-19
Arsenical preparations (weed killers)..	2873091	28F-13	Bags:		
Art glassware, machine made.....	3229124, 3231639	28F-14	Canvas.....	2393012	23E-18
Art goods, stamped for embroidering....	2398431	32A-13-14	Cellophane.....	2643241	26B-15
Artificial flowers, except glass.....	3962011	23E-18	Grocers' and variety.....	2643111	26B-14
Artists' brushes, except air brushes...	3981311	39C-16	Foil or foil backed paper.....	2643257-59	26B-15
Artists' materials.....	3952211	39D-13	Laundry and wardrobe.....	2392081	23E-17
Asbestos--		39C-15	Luggage.....	3161011-98	31B-13
Brake linings.....	3292211-15	32E-15	Paper.....	2643111-351	26B-14-15
Cement, siding and shingles.....	3292411-51	32E-16	Plastic.....	2643221-45	26B-15
Gaskets.....	3293211	32E-16	Punching.....	3949298	39B-13
Insulations.....	3293331-51	32E-16	Rubber.....	3069771	30A-17
Millboard.....	3292798	32E-16	Sleeping.....	2399031	23E-19
Packing.....	3293311-19	32E-16	Textile, except laundry and wardrobe.	2393012-98	23E-18
Paper and asbestos filled paper.....	2613131, 2661212	26A-14	Bait, artificial, fishing.....	3949116	39B-13
Pipe, conduit and duct.....	3292771	32E-16	Bakery machinery.....	3551261-91	35D-14
Textiles.....	3292711-31	32E-16	Bakery products.....	2051111-2052231	20E-12-14
Ash cans, metal, stamped.....	3461861-81	34D-19	Baking powder.....	2099411-15	20I-11
Asphalt.....	2911911-51	29A-13	Balances' and scales, except laboratory	3576011-83	35F-10-11
Asphalt and tar paving materials, liquid.....	2951011-15	29A-14	Balances and scales, laboratory.....	3811271	38A-20
Asphalt and tar paving mixtures and blocks.....	2951051	29A-14	Bale ties, wire.....	3315955, 3481955	33A-18, 34E-20
Asphalt floor tile.....	3292511	32E-16	Baler twine.....	2298133	22F-18
Asphalt roofing and siding.....	2952311-35	29A-14-15	Balers, stationary (hay; straw).....	3522600	35A-16
Asphalt roof cement, solid.....	2952211	29A-14	Ball and roller bearing components....	3562411-51	35E-18
			Ball bearings, complete.....	3562112-51	35E-18
			Balloons, rubber.....	3069868-69	30A-17
			Balls--baseball, basketballs, football.	3949261-63, 67-73	39B-13



Product	Code	Page	Product	Code	Page
Balls:			Bedsprings, except hospital.....	2515311-51	25A-18
Golf.....	3949231	39B-13	Bedsprings, hospital.....	2515371	25A-18
Rubber, except sporting goods.....	3069879	30A-17	Beef:		
Tennis.....	3949233	39B-13	Canned, except dog and cat food.....	2011811, 2013811	20A-13
Bandages (surgical dressings).....	3842122-23	38A-21	Dried (except packed in glass or tin)	2011171	20A-12
Bandeaux.....	2342113-19	23C-25	Fresh and frozen.....	2011112-71	20A-12
Bands and caps, cellulose.....	2821231	28B-12	Beehive coke oven products.....	3312111-21	33A-15
Bands, rubber.....	3069873	30A-17	Beer, bottled and canned.....	2082014-71	20G-13
Barber-shop equipment.....	3999311	39E-16	Beer-dispensing equipment.....	3585751	35G-20
Barbiturates, pharmaceutical preparations.....	2834711-39	28C-10	Beer, root, bottled and canned.....	20860-5, 15, 25, 35, 45	20G-14- 15
Barges.....	3731110-51	37C-17	Beet--		
Barium carbonate (precipitated).....	2819901	28A-22	Molasses, whole or straighthouse....	2063071-81	20F-12
Barium compounds.....	2819901-06	28A-22	Pulp.....	2063283-87	20F-12
Barn equipment.....	3522841	35A-18	Sirup and molasses, edible.....	2063061	20F-12
Barnyard equipment.....	3522841	35A-18	Sugar, refined.....	2063001-51	20F-12
Barometers.....	3821333	38A-20	Belting, leather: industrial.....	3121011-51	31A-14
Barrels, metal shipping.....	3491210-312	34E-21- 22	Belting and belts, rubber.....	3069111-98	30A-15- 16
Barrels, wood.....	2445012-59	24C-15	Belts:		
Bars:			Apparel, made of any material.....	2387111-251	23D-20
Aluminum and aluminum-base alloy....	3352411	33D-18	Garter.....	2389071	23D-20
Candy, except solid chocolate.....	2071112-51	20F-13	Rubber.....	3069111-98	30A-15- 16
Concrete, reinforcing, fabricated....	3449352	34C-23	Surgical, elastic.....	3842141	38A-21
Copper and copper-base alloy, rolled and drawn.....	3351211, 31	33D-18	Benches, school'.....	2531139	25B-16
Nickel.....	3356069	33D-20	Bending board.....	2631211, 312, 551	26A-13
Steel, hot-rolled.....	3312441	33A-16	Bending machines, metalworking.....	3542120	35C-16
Baseball equipment, except uniforms....	3949261-66	39B-13	Berries, canned, except cranberries....	2033118	20C-18
Baseball uniforms.....	2329241	23A-28	Berry cups, veneer and splint.....	2443061	24C-15
Basketballs.....	3949271	39B-13	Beryllium compounds.....	2819998	28A-23
Baskets: fruit, vegetable.....	2443031-81	24C-15	Beverage--		
Baskets: reed, rattan; willow.....	2499511	24C-16	Bases (except sirups).....	2087213-29	20G-15
Bassinets, hospital furniture.....	3841095	38A-21	Cooling and dispensing equipment, coin operated.....	3581112-212	35G-15
Bassinets: reed; rattan.....	2519032	25A-18	Cooling and dispensing equipment, except coin operated.....	3585352-57, 711-51	35G-18, 20
Bath and shower fittings, brass goods..	3432011-18	34B-11	Beverages:		
Bathing caps, plastic.....	2385098	23D-20	Alcoholic (see specific kind)		
Bathing caps, rubber.....	3069855	30A-17	Carbonated.....	2086012-81	20G-14- 15
Bathing suits:			Malt.....	2082014-81	20G-13
Girls' teen-age girls; children's; infants'.....	2253319, 2369013	22B-23, 23C-28	Nonalcoholic.....	20860-12-93	20G-14- 15
Men's; boys'.....	2253341, 2329212	22B-23, 23A-28	Bias binding.....	2398331-35	23E-18
Women's; misses'.....	2253319, 2339322	22B-23, 23B-19	Bicycles.....	3751061	37C-19
Bathrobes, except children's.....	2384011-59	23D-19	Billifolds and wallets.....	3172011-17	31B-14
Bathrobes, girls'; children's; infants'	2369011, 49	23C-28	Billiard tables and equipment.....	3949222	39B-13
Bath salts and oils.....	2844561	28D-15	Billing machines, with accounting registers.....	3571212	35F-10
Bath tubs, metal.....	3431011	34B-11	Billing machines, without accounting registers.....	3572010	35F-10
Batteries:			Binder twine.....	2298131	22F-18
Flashlight.....	3692021-24	36E-11	Binders and covers, except loose leaf..	2645121	26B-15
Hearing aid.....	3692042, 62	36E-11	Binders: loose-leaf.....	2782231	27C-15
Primary.....	3692011-85	36E-11	Binding, bias.....	2398331-35	23E-18
Storage.....	3691112-298	36E-11	Bins and vats, sheet-metal.....	3444362-64	34C-22
Battery--			Biological products.....	2831111-227	28C-9
Boxes, hard rubber.....	3069511	30A-16	Biscuit; crackers; pretzels.....	2052131-231	20E-14
Cable, insulated.....	3357975	33D-23	Biscuit, dog and cat food.....	2042351	20D-14
Jars and boxes, plastic.....	3079926	30A-19	Bismuth compounds.....	2819907-09	28A-22
Separators, wooden.....	2499598	24C-17	Bismuth pharmaceutical preparations....	2834412-16	28C-10
Batting, wadding, and mattress felts...	2293032-39	22F-16	Black plate.....	3312321	33A-16
Batts, building.....	3296131-37	32D-17	Blacks, carbon.....	2895011	28G-16
Beans, baked, canned.....	2032371-84	20C-17	Blacks, except carbon and charcoal....	2816381-89	28A-19
Beans, baked, except canned.....	2099968	20I-12	Blackstrap and barrel sirup, refiners'.	2062071	20F-12
Bearings, ball and roller.....	3562112-451	35E-18	Blackstrap molasses (except refiners)..	2061071	20F-12
Bearings, plain (mounted of unmounted).	3566115-51	35E-19	Blades:		
Beauty-shop equipment.....	3999311	39E-16	Propeller.....	3723031	37B-11
Bedjackets and shoulderettes, knit....	2341383	22B-24	Razor.....	3421251	34A-15
Bedjackets, women's and misses', woven fabric.....	2341331-39	23C-25	Saw.....	3425011-49	34A-16
Bedroom furniture, wood.....	2511511-98	25A-16	Surgical.....	3841012	38A-21
Beds:			Blankbook making.....	2782111-55	27C-15
Hollywood.....	2511513	25A-16	Blanketing, rayon.....	2221121, 811-61	22A-15, 22C-11- 12
Hospital (except bassinets).....	2599021	25B-18	Blankets:		
Household, metal.....	2514431-35	25A-17	Cotton.....	2211051-55	22A-15
Household, wood.....	2511511-15	25A-16	Electric.....	3634385	36B-16
Bedsprings and bed sets.....	2211041-45, 2392621-79	22A-15, 23E-16			
Bedsprings, cotton, woven.....	2211041, 2392621-51, 45-71	22A-15, 23E-16			
Bedsprings, lace.....	2292059	22F-16			



Product	Code	Page	Product	Code	Page
Blankets--Continued			Boots, rubber (waterproof).....	3021021	30A-15
Man-made fiber.....	2221911-25	22A-16	Boric acid.....	2819411	28A-20
Woolen.....	2231921-25	22A-16	Boring machines, metalworking.....	3541110	35C-13
Blanks, button.....	3963061	39C-16	Botanical derivatives, in bulk		
Blast furnace products.....	3312111-95,	33A-15	(uncompounded).....	2833121-28	28C-9
	3313012		Botanical drugs, in bulk, uncompounded.	2833111	28C-9
Blasting accessories.....	2892041-61	28G-15	Bottle caps, metal: stamped.....	3461711	34D-19
Bleacher and stadium seats.....	2531261	25B-17	Bottle caps, paperboard.....	2645181-85	26B-15
Bleaches, chlorine and other bleaching			Bottled liquors.....	2083312-81	20G-14
compounds.....	2819211-51	28A-20	Bottled and canned soft drinks.....	2086012-93	20G-14-15
Bleaching--					
Equipment, pulp mill.....	3554025	35D-16	Bottle forming machines.....	3559551	35D-17
Machinery, flour mill.....	3551331	35D-14	Bottles, glass.....	3221011-71	32A-12
Machinery, textile.....	3552185	35D-15	Bottles, vacuum.....	3429315	34A-17
Blinds, venetian.....	2591211-81	25B-17	Bottling machinery, dairy.....	3551113-15	35D-14
Blocks:			Bottling machinery, except dairy.....	3551361-69	35D-14
Cinder.....	3271011	32D-14	Bowling alleys and equipment.....	3949225-29	39B-13
Concrete.....	3271015	32D-14	Boxes:		
Glass.....	3229485	32A-13	Ammunition, metal.....	3499011	34E-23
Paving.....	2951051	29A-14	Burial.....	3988381	39D-14
Sand-lime.....	3299061	32E-18	Cigar, wooden and part wooden.....	2441111	24C-15
Blouses:			Combination wood and fiber.....	2441181	24C-15
Children's; infants'.....	2361041, 91	23C-27	Electrical, cast metal.....	3644321	36C-15
Girls' and teen-age girls'.....	2361041-89	23C-27	Paperboard.....	2651010-98,	36C-14
Women's; misses', juniors'.....	2331710	23B-19	2652011		
Blowers and fans, industrial.....	3564111-28	35E-19	Train (hat and shoe).....	3161021-29	31B-13
Blowtorches.....	3423398	34A-16	Vulcanized fiber.....	2655211	26C-14
Blueprinting machines.....	3861221-25	38B-10	Wooden, except cigar.....	2441121-81	24C-15
Bluing.....	2899385	28G-17	Box-making machines, paper.....	3554053-54	35D-16
Board:			Box shook, wood.....	2441211-59	24C-15
Gypsum.....	3275111	32D-14	Bracelets, except precious metal.....	3961031-41,	39C-16
Hard pressed fiber.....	2661311-21	26A-14	98		
Insulating.....	2661112-14	26A-14	Bracelets, precious metal.....	3911131-41,	39A-10
Laminated wallboard.....	2649561-63	26B-16	231-41		
Paper, other than building.....	2631112-612	26A-13	Braces, elastic.....	3842141	38A-21
Pasted; laminated; lined, except			Brads: wire; cut.....	3315231	33A-17
wallboard.....	2645210	26B-15	Braiding machines.....	3552184	35D-15
Wet machine.....	2631612	26A-13	Brake fluid, hydraulic.....	2992611-51	29A-14
Boat construction kits, prefabricated..	3732251	37C-17	Brake lining, asbestos.....	3292211-15	32E-15
Boat repair.....	3732411-21	37C-17	Brandy and fruit spirits, neutral.....	2084061-71	20G-14
Boats:			Brass (see copper-base alloy)		
Nonmilitary.....	3732121-311	37C-17	Brassieres.....	2342113-19	23C-25
Plastic (inflatable).....	3079941	30A-19	Bread and bread-type rolls.....	2051111-98	20E-12-14
U. S. Military.....	3732111	37C-17			
Pontoons and life rafts, rubber.....	3069585	30A-17	Bread wraps.....	2641221-25	26B-14
Bobbinets.....	2292098	22F-16	Breakfast--		
Bodies: bus, truck.....	3713012-98	37A-11	Coats.....	2384071-79	23D-19
Boiler shop products.....	3443111-659	34C-20-21	Foods, cereal.....	2043011-59	20D-14
			Sets, metal.....	2514111	25A-17
Boilers:			Sets, wood.....	2511391	25A-16
Heating, cast-iron.....	3433311-15	34B-12	Breakfronts, household, wooden.....	2511298	25A-16
Heating, steel.....	3433512-41	34B-13	Brewers' grain.....	2082093-95	20G-13
Power.....	3443312-32	34C-20	Brick:		
Range.....	3433652	34B-13	Clay, except ceramic, glazed, and		
Bolts, standard.....	3432111	34D-18	refractory.....	3251111-19	32B-12
Bone black.....	2816381	28A-19	Concrete.....	3271051	32D-14
Bone meal.....	2094233	20H-13	Glass.....	3229485	32A-13
Book and fine paper.....	2621412-582	26A-13	Refractory, clay.....	3255011-41	32B-12
Bookbinding.....	2789111-291	27C-15	Refractory, nonclay.....	3297012	32E-17
Bookbinding machinery.....	3555267	35D-16	Sand-lime.....	3299061	32E-18
Bookcases:			Briefcases.....	3161073	31B-13
Household; wood.....	2511271	25A-16	Briefs, knit, men's and boys'.....	2322112,	22B-23
Office, metal.....	2522325-27	25B-16	55-57		23A-27
Office, wood.....	2521041	25B-16	Broaches, metalworking.....	3545112	35C-17
Bookends, metal.....	3499041	34E-23	Broaching machines, metalworking.....	35418--	35C-14
Bookends, wooden.....	2499581	24C-17	Broadcast equipment.....	3662211-31	36D-19
Bookkeeping machines.....	3571212	35F-10	Broadcloth, cotton.....	2211310, 510	22A-14
Book printing.....	2732111-253	27A-19-20	Broad-woven fabrics:		
			Cotton.....	2211110-761	22A-14
Books:			2261711-971		22C-11
Published.....	2731111-615	27A-18-19	Glass, 100%.....	2221712	22A-15
Sales.....	2761311-51	27B-15	Linen.....	2299279	22F-19
Scrap.....	2782131	27C-15	Man-made fiber.....	2221111-861,	22A-15
Boot and shoe cut stock, leather.....	3131011-49	31A-15	2262811-961		22C-11-12
Bootees, knit fabric, infants'.....	2253361,	22B-23,	Nylon.....	2221610,	22A-15
	2369079	23C-28	815-61,		22C-11-12
Booths, restaurant.....	2599049	25B-18	2262815-961		22C-11-12
Booths, telephone.....	2541098,	25B-17	Silk.....	2221712,	22A-15
	2542098		815-61,		22C-11-12
Boots, leather, men's and boys'.....	3141222-371	31A-15-16	2262815-961		22A-16
			2231210-451		
			Woolen and worsted.....		



Product	Code	Page	Product	Code	Page
Broilers, commercial.....	3589111, 61	35G-21	Cable:		
Broilers, electric (table).....	3654312	36B-15	Abaca or agave.....	2298111-22	22F-18
Bromine (isolated).....	2819910	28A-22	Copper, except insulated.....	3357271	33D-20
Brooders, poultry.....	3522831	35A-17	Insulated.....	3357413-998	33D-22-23
Brooms.....	3981113-98	39D-13	Noninsulated ferrous wire.....	3315111-31, 3481111-31	33A-17, 34E-19
Brush cleaners, powder and liquid.....	2852071	28E-8	Caddy bags.....	3949298	39B-13
Brushes:			Cadmium compounds, chemical.....	2819993	28A-23
Artists', air.....	3952211	39C-15	Cadmium, unalloyed: refined.....	3339721, 3341651	33C-17
Artists', except air brushes.....	3981311	39D-13	Cages, wire.....	3315998, 3481998	33A-19, 34E-21
Carbon, graphite.....	3624011-15	36A-21	Cakes, soft, all types.....	2051311	20E-12-14
Household; industrial.....	3981335-98	39D-13	Calcimines.....	2851191-93	28E-7
Paint and varnish.....	3981211-51	39D-13	Calcium compounds.....	2819912-13	28A-22
Personal.....	3981321-29	39D-13	Calculating machines.....	3571212	35F-10
Bubble bath.....	2844561	28D-15	Calendars; calendar pads, lithographed.	2752643	27B-14
Buckets, wooden.....	2445059	24C-15	Calendars; calendar pads, printed (letterpress).....	2751693	27B-13
Buckles, except shoe.....	3964221-31	39C-16	Calipers and dividers.....	3545298	35C-18
Building--			Camelback.....	3011511	30A-15
Board, insulating and hard pressed fiber.....	2661112-14, 311-21	26A-14	Cameras, motion picture.....	3861312-17, 81	38B-10-11
Board (laminated; tiled).....	2649561-66	26B-16-17	Cameras, still picture.....	3861111-31	38B-10
Paper (construction).....	2661212	26A-14	Cameras, television.....	3662231	36D-19
Stone, cast, architectural.....	3272221	32D-14	Candles.....	3984011	39D-14
Stone (marble; granite; limestone)...	3281101-11, 201-11, 301-11	32D-15	Candy:		
Wire and cable, insulated.....	3357941-49	33D-23	Bulk goods.....	2071412-51	20F-13
Buildings:			Chocolate.....	2071681-87, 2072132-251	20F-13
Prefabricated: metal.....	3449215-18	34C-22	Penny goods.....	2071511	20F-13
Prefabricated: wood.....	2433211-98	24B-13	Canes.....	3995011	39E-16
Ready-cut.....	2433141-71	24B-13	Cane sirup.....	2061051	20F-12
Bulb blanks, electric light.....	3229254, 3231639	32A-13-14	Cane sugar, refined.....	2062007-61	20F-12
Bulbs, electric light: complete.....	3641010-63	36C-12	Can-making machines, metal.....	3542322	35C-17
Bundle goods, hosiery.....	2252243	22B-21	Canned foods:		
Bunion pads.....	3842161	38A-22	Fruits and vegetables.....	2033111-679	20C-18-21
Buntings.....	2369049, 79	23C-28	Meats, except dog and cat food.....	2013811	20A-13
Burial--			Poultry, boned and unboned.....	2015413-19	20A-14
Garments.....	3988398	39D-14	Sea food.....	2031011-31	20C-17
Vaults and boxes, concrete.....	3272233-35	32D-14	Soups, except sea food.....	2032253-59, 2037371	20C-17
Vaults: metal.....	3988391	39D-14	Canning machinery, fruit and vegetable.	3551323-29	35D-14
Burners, gas.....	3433612-14	34B-13	Canoes.....	3732311	37C-17
Burners, oil.....	3433110-71	34B-11-12	Can openers.....	3423261	34A-16
Burrs, dental.....	3843061	38A-22	Cans:		
Bus and truck bodies.....	3713012-98	37A-11	Ash, stamped metal.....	3461861-81	34D-19
Bushings, copper and copper-base alloy.	3361071-89	33D-24	Fiber.....	2655221	26C-14
Business forms, manifold.....	2761111-351	27B-14-15	Garbage, stamped metal.....	3461861-81	34D-19
Business machine supplies, paper.....	2649511-17	26B-16	Metal (for packaging).....	3411011-85	34A-15
Busses, motor, excluding trolley busses	3717311	37A-12	Canvas products.....	2394011-98	23E-18
Butchers and meat packing cutlery.....	3421131	34A-15	Cap findings.....	2398231	23E-18
Butter, creamery.....	2021013-15	20B-16	Capacitors, except radio and TV.....	3629111-98	36A-21
Butter and cheese wrapping and packaging machines.....	3551183	35D-14	Capacitors, radio and TV.....	3679211-61	36D-21
Buttermilk, cultured.....	2026433	20B-17	Caps:		
Buttons.....	3963011-98	39C-16	Bath and shower, rubber.....	3069855	30A-17
Byproduct coke oven products.....	3312111-83	33A-15	Cellulose.....	2821231	28B-12
C			Cloth.....	2352215-21	23C-26
Cabinet hardware.....	3429461	34A-17	Collapsible tubes (except plastic)...	3496029	34E-23
Cabinets:			Collapsible tubes, plastic.....	3079974	30A-19
Dental.....	3843047	38A-22	Electric wiring devices.....	3643021	36C-14
Kitchen, metal.....	2514211	25A-17	Carbon, activated.....	2819924-26	28A-22
Kitchen, wooden.....	2511410-15	25A-16	Carbon black.....	2895011	28G-16
Laboratory.....	3811281-85	38A-20	Carbon dioxide.....	2813311-31	28A-17
Office, metal.....	2522321-27	25B-16	Carbon paper.....	3955031-35	39C-15
Office, wood.....	2521041	25B-16	Carbon products, electrical.....	3624011-85	36A-21
Radio, phonograph, plastic.....	2519011	25A-18	Carbonated beverages, nonalcoholic....	2086012-81	20G-14-15
Radio, phonograph, television, and Hi-Fi, wooden.....	2511111	25A-16	Carbonated wines.....	2084031	20G-13
Sewing machine.....	2511211	25A-16	Carburetors (except rebuilt).....	3599011-15	35G-22
Show; display, except refrigerated...	2541041, 2542071	25B-17	Carburetors, rebuilt.....	3599098	35G-22
Show; display: refrigerated (except frozen food).....	3585322-28	35G-18	Cardboard (including bogus bristol)...	2631531	26A-13
Cabinetwork, to be built in.....	2431711	24B-11	Carding machines.....	3552122	35D-14
			Card-punching machines.....	3571212	35F-10
			Cards:		
			Die-cut and designed (not printed)...	2645161	26B-15



Product	Code	Page	Product	Code	Page
Cards--Continued			Cement:		
Greeting.....	2771111-251	27C-15	Dental.....	3843071	38A-22
Index.....	2645111	26B-15	Hydraulic.....	3241011-51	32B-12
Playing.....	2751681, 2752647	27B-13- 14	Keene's.....	3275111	32D-14
			Mending, except rubber.....	2891183	28G-15
Time recording, die-cut.....	2645151	26B-15	Portland.....	3241011	32B-12
Carotene (bulk uncompound).....	2833131	28C-9	Rubber.....	3069864-65	30A-17
Carpet sweepers (except electric).....	3589261	25G-21	Cement-making machinery.....	3559543	35D-17
Carpet and tufting yarns, except woolen and worsted.....	2281121-31, 84, 315, 33, 415, 25	22E-12	Centering machines, metalworking.....	35418--	35C-14
	2283211	22E-13	Centrifugal pumps.....	3561112-69	35E-16
Carpet: woolen; worsted.....			Centrifugals and separators (except cream).....	3569098	35E-21
Carpets:			Ceramic colors.....	2816391	28A-19
Cork.....	2499453	24C-16	Ceramic electrical products.....	3264098	32C-10
Fabric, except woven or tufted.....	2279011-31	22D-8	Cereal preparations.....	2043011-59	20D-14
Linoleum.....	3982111-35	39D-13	Chain link fencing.....	3315611, 3481611	33A-17 34E-19
Tufted.....	2272013-47	22D-8	Chain saws.....	3553167	35D-15
Woven, except wool.....	2271211-31	22D-8	Chains, skid, automobile.....	3315941, 3481941	33A-18 34E-20
Woven, wool.....	2271111-27	22D-8	Chains, surveyors'.....	3811211	38A-20
Carriages and carts, doll.....	3941011	39B-12	Chains, wire.....	3315941-49, 3481941-49	33A-18 34E-20
Carriages, horse-drawn.....	3799298	37C-19	Chair beds.....	2515541	25A-18
Cars:			Chair frames, wooden.....	2512611	25A-17
Mining, underground.....	3532173-75	35B-20	Chairs:		
Passenger.....	3717111	37A-12	Dentists'.....	3843047	38A-22
Play (children's vehicles).....	3943098	39B-12	Household: metal.....	2514117, 251, 311	25A-17
Railroad; street.....	3742111-351	37C-13	Household: wooden, except upholstered.....	25111--, 25117--	25A-16
Railroad; street, rebuilt.....	3742331-51	37C-18	Household: wooden, upholstered.....	2512132, 51-72	25A-17
Carton-making machinery.....	3554053-54	35D-16	Hydraulic, barber-shop.....	3999311	39E-16
Cartons, folding; paperboard.....	2651010-98	26C-14	Office, metal.....	2522111	25B-16
Cartons, sanitary food containers.....	2654111-231, 341-98	26C-14	Office, wood.....	2521011	25B-16
Carts and carriages, doll.....	3941011	39B-12	Public-building.....	2551251-61	25B-17
Carts: hand, push.....	3799231	37C-19	Restaurant.....	2599041-45	25B-18
Casein:			School, all purpose (nonfolding).....	2531136	25B-16
Dairy products.....	2023129	20B-16	Chambrays.....	2211410	22A-14
Organic chemicals.....	2818211	28A-19	Charcoal, hardwood distillation.....	2861251	28F-12
Plastics.....	2821511-15	28B-13	Charcoal, softwood distillation.....	2861151	28F-12
Cases:			Chargers, battery, service station and automotive repair.....	3629221-25	35C-19
Cigarette; compact; vanity, etc., nonprecious metal.....	3961091	39C-16	Check-handling machines.....	3579010	35F-11
Cigarette; compact; vanity; etc., precious metal.....	3911198, 298	39A-10	Cheese, natural, other than cottage....	2022001	20B-16
Display, nonrefrigerated.....	2541051, 2542061	25B-17	Cheese, processed.....	2022011, 2025211	20B-16
Display, refrigerated.....	3585322-32	35F-13	Cheese foods.....	2022013, 2025213	20B-16
Jewelry; instrument.....	3172051	31B-14	Cheese spreads.....	2022015, 2025215	20B-16
Key.....	3172019	31B-14	Chemical catalytic preparations.....	2819811	28A-21
Watch.....	3872011-71	38B-12	Chemical manufacturing machinery.....	3559111	35D-17
Cashier stands, metal and wood.....	2541098, 2542098	25B-17	Chemicals (see also specific kind):		
Cash registers.....	3571212	35F-10	Automotive.....	2899335-37	28G-16
Casings, sausage, natural.....	2013911-61	20A-13	Embalming.....	3988398	39D-14
Casings, sausage, synthetic.....	3079981	30A-19	Medicinal in bulk (uncompounded).....	2833151-71	28C-9
Casket hardware.....	3429512	34A-17	Photographic, prepared.....	3861811	38B-11
Caskets.....	3988111-371	39D-14	Cherries, Maraschino.....	2033861	20C-21
Castings:			Chests, ammunition, metal.....	3499011	34E-23
Gray-iron.....	3321111-498	33B-11	Chests, cedar.....	2511541	25A-16
Malleable-iron.....	3322021-31	33B-11	Chests of drawers.....	2511531	25A-16
Nonferrous.....	3361011- 3369098	33D-24	Chewing gum and chewing gum base.....	2073011-15	20F-14
Steel.....	3323012-61	33B-11	Chewing tobacco.....	2131012-17	21A-11
Casters and wheels for dollies and hand trucks.....	3429522	34A-17	Chicken, canned.....	2015413-19	20A-14
Casters, furniture.....	3429251	34A-17	Chickens.....	2015111-35	20A-13- 14
Cast-iron pressure pipe and fittings... Cast-iron soil pipe and fittings.....	3321211-51 3321311	33B-11 33B-11	Chili con carne, canned.....	2013311-98	20A-14- 15
Castor oil, except medicinal grades....	2093212-15	20H-13	Chili con carne (except canned).....	2099968	20I-12
Cast stone, architectural.....	3272221	32D-14	Chili sauce.....	2033651	20C-20
Cat and dog food, canned.....	2042312-15	20D-14	China decorating, for the trade.....	3269091	32C-10
Catalogs, publishing.....	2741121-41	27A-20	Chisels, edge tools.....	3423283	34A-16
Catapults.....	3599098	35G-22	Chlorine.....	2812111-15	28A-17
Cathartics.....	2834452-78	28C-10	Chlorine and other bleaching compounds.	2819211-51	28A-20
Catsup.....	2033631	20C-20	Chlorosulfonic acid.....	2819421	28A-20
Cattle dips.....	2879051	28F-14	Chocolate and cocoa products.....	2072111-896, 2099811-96	20F-13- 14
Caulking compounds.....	2852055	28E-8			
Cedar chests.....	2511541	25A-16			
Cellulose acetate, unplasticized.....	2818211	28A-19			
Cellulose plastics materials.....	2821111-98	28B-12			



Product	Code	Page	Product	Code	Page
Chocolate coatings.....	2072112-52	20F-13	Coats:		
Chocolate sirups.....	2072892-96, 2099892-96	20F-14	Breakfast.....	2384071-79	23D-19
Christmas cards.....	2771111	27C-15	Fur.....	2371011	23D-19
Christmas-tree--			Girls'; children's; infants'.....	2363061-89	23C-27
Lighting outfits.....	3699271	36E-13	Leather and sheep-lined.....	2386013-53	23D-20
Ornaments, glass.....	3229185, 3231639	32A-13-14	Men's; boys'; dress.....	2311212-75, 431	23A-26
Ornaments, other than electric and glass.....	3999361	39E-16	Teen-age and sub-teen girls'.....	2363021-59	23C-27
Chrome colors.....	2816311-18	28A-18	Women's; misses', and juniors', except fur.....	2337111-71	23B-19
Chrome tanning mixtures.....	2861285	28F-12	Cobalt compounds, chemical.....	2819994	28A-23
Chromic acids.....	2819431	28A-20	Cobalt, unalloyed, refined.....	3339779	33C-17
Chromium compounds, chemical.....	2819928-32	28A-22		3341689	
Chronometers.....	3871131	38B-11	Cocoa butter.....	2072881	20F-14
Churns, butter, except farm-size.....	3551183	35D-14	Cocoa, powdered.....	2072861-75, 2099861-75	20F-14
Churns, butter: farm size.....	3522810	35A-16	Coconut oil.....	2093221-23	20H-13
Cider.....	2099611	20I-11	Codeine (bulk uncompound).....	2833124	28C-9
Cigar boxes, wooden and part wooden....	2441111	24C-15	Coffee machines, coin-operated.....	3581212	35G-15
Cigarette holders.....	3999341	39E-16	Coffee makers, electric, household....	3634314-18	36B-15
Cigarette machines, coin-operated.....	3581212	35G-15	Coffee, roasted.....	2099511-35	20I-11
Cigarettes.....	2111015-55	21A-11	Coffee tables.....	2511241	25A-16
Cigars.....	2121013-31	21A-11	Coffee urns, commercial.....	3589129, 71	35G-21
Cinder block.....	3271011	32D-14	Coffins.....	3988111-371	39D-14
Circuit breakers, air and power.....	3613211-98	36A-18-19	Coils, ignition, automotive.....	3694511	36E-12
			Coils, RF and IF.....	3679411	36D-21
Clam chowder, canned.....	2031031	20C-17	Coin-handling machines.....	3571212	35F-10
Clapboard, asbestos-cement.....	3292411	32E-16	Coin-operated machines:		
Clay refractories.....	3255011-98	32B-12	Amusement, except phonograph.....	3999212-98	39E-16
Clay structural products, nec.....	3259111-298	32B-13	Merchandise dispensers, nonrefrigerated.....	3581212	35G-15
Clay tile, floor and wall.....	3253011-51	32B-12	Merchandise dispensers, refrigerated.	3581112-212	35G-15
Clay-working machinery.....	3559541	35D-17	Phonograph.....	3651110	36D-17
Cleaners, pipe and cigarette holder....	3999361	39E-16	Scales.....	3576043	35F-10-11
Cleaners, vacuum, household.....	3635011-71	36B-16			
Cleaners, vacuum, industrial.....	3584011-98	35G-15	Coke:		
Cleaning and polishing preparations, except soap and detergents.....	2842307-498	28D-13-14	Beehive ovens.....	3312111	33A-15
Clippers, hair: animal use.....	3522898	35A-20	Byproduct ovens.....	3312111	33A-15
Clippers, hair: human use.....	3999311	39E-16	Petroleum, calcined.....	2999098	29A-15
Clock and watch parts, except watch crystals.....	3871581-89	38B-12	Petroleum, except calcined.....	2911021	29A-13
Clock movements.....	3871153	38B-11	Coke-oven gas.....	3312131	33A-15
Clocks.....	3871111-31	38B-11	Cold and cough medicines.....	2834311-98	28C-10
Closures:			Cold-finished, steel bars and bar shapes.....	3312801, 3316801	33A-16, 19
Bottle: paperboard.....	2645181-85	26B-15	Collapsible tubes.....	3496011-29	34E-23
Home canning.....	3461811-49	34D-19	Collar and cuff sets.....	2339311	23B-19
Metal, commercial, except crowns....	3461611-51	34D-19	Collars, horse.....	3199031	31B-14
Cloth:			Colognes, toilet preparations.....	2844231-35	28D-14
Asbestos.....	3292721	32E-16	Colorings, food.....	2087471	20G-16
Knit.....	2256112-219	22B-25	Color lakes.....	2815311	28A-18
Photosensitized.....	3861611-751	38B-8-11	Color pigments, inorganic.....	2816111-392	28A-18-19
Wire, industrial, steel.....	3315761, 3481761	33A-18, 34E-20	Color pigments, organic.....	2815311	28A-18
Clothespins, wooden.....	2499561	24C-17	Combines (harvester-threshers).....	3522500	35A-15
Clothing (see also specific kind):			Combing machines, textile.....	3552132	35D-14
Doll.....	3942015	39B-12	Comforters.....	2392023	23E-17
Leather.....	2386013-98	23D-20	Compasses and accessories, navigational instruments.....	3811198	38A-20
Rubber (finished).....	3069841-58	30A-17	Communication equipment (except radio, telephone, telegraph).....	3662311-49	36D-19
Sheep-lined.....	2386013-98	23D-20	Communication wire and cable, insulated	3357413-98	33D-22
Waterproof; water repellent, except rubber.....	2385011-98	23D-19-20	Compacts, except precious metal.....	3961091	39C-16
Work, men's and boys', except work shirts.....	23282--	23A-28	Compacts, precious metal.....	3911198; 298	39A-10
Work shirts, men's and boys.....	23281--	23A-28	Comparators.....	3545211	35C-18
Clutch facing, asbestos.....	3292251-55	32E-15	Compressors, except refrigeration: air; gas.....	3561411-67	35E-17
Clutches, automobile, replacement parts	3717600	37A-12	Compressors and compressor units, refrigeration.....	3585414-20	35G-18-19
Clutches, except automobile.....	3566311-13	35E-20			
Coal-tar crudes.....	2814011	28A-18	Computing machines.....	3571212	35F-10
Coal-tar intermediates, cyclic.....	2815111	28A-18	Concrete--		
Coal-tar roofing pitch.....	2952231	29A-14	Block and brick.....	3271011-51	32D-14
Coat-and-legging sets, girls', children's, and infants'.....	2363063-65	23C-27	Mixers.....	3531612-31, 3531000	35B-17-18
Coat findings, men's and boys'.....	2398211	23E-18	Pipe.....	3272111-98	32D-14
Coat hangers, wire.....	3315971, 3481971	33A-19, 34E-21	Products, except block and brick....	3272111-298	32D-14
Coated fabrics, except rubberized.....	2295111-398	22F-17	Products machinery.....	3559545-49	35D-17
Coatings, roof.....	2952251-55	29A-14	Ready-mixed.....	3273011	32D-14
			Condensed; evaporated; milk.....	2023111-316	20B-16



Product	Code	Page	Product	Code	Page
Condensers:			Corn--		
Radio and TV.....	3679281-85	36D-21	Chips.....	2099261	20I-11
Steam.....	3443151	34C-20	Flakes.....	2043011	20D-14
Variable tuning and trimming.....	3679281-85	36D-15	Meal, for human consumption.....	2041311-15	20D-13
Condensing units, refrigeration.....	3585514-20	35G-20	Sirup.....	2046011-15	20D-15
Conduit and conduit fittings,			Starch.....	2046031-33	20D-15
electrical.....	3644231-39	36C-15	Corn removers.....	3842161	38A-22
Conduit and pipe (molded pulp).....	2641111	26B-15	Cornices and skylights, sheet metal....	3444311	34C-22
Confectionery products (except solid			Corset accessories.....	2342281	23C-25
chocolate).....	2071112-671	20F-13	Corsets:		
Connectors, wiring device.....	3643081-85	36C-15	Maternity.....	2342271	23C-25
Construction machinery.....	3531110-998	35B-17-19	Other than surgical and maternity....	2342211, 261	23C-25
Construction paper (dry basis before			Surgical.....	3842171	38A-22
saturating).....	2661212	26A-14	Cosmetic and toilet preparations.....	2844131-598	28D-14-15
Container board.....	2631112-52	26A-13	Costume jewelry, except precious metal.	3961011-98	39C-16
Containers (see also specific kind):			Costumes, including theatrical.....	2389098	23D-20
Glass.....	3221011-71	32A-12	Cottage cheese.....	2026313-18	20B-17
Metal cans (for packaging).....	3411011-85	34A-15	Cotter pins.....	3452181	34D-18
Metal, shipping.....	3491111-331	34E-21-22	Cotton--		
Paperboard.....	2651010-98, 2652011	26C-14	Broad-woven fabrics.....	2211110-761, 2261711-971	22A-14, 22C-11
Pressed and molded pulp.....	2646212-31	26B-15	Cordage; twine.....	2298311-98	22F-18
Vulcanized fiber, except boxes.....	2655151-298	26C-14	Narrow fabrics.....	2241111-511	22A-17
Control apparatus, electrical,			Thread.....	2284111-311	22E-13-14
industrial.....	3622012-98	36A-20	Yarns.....	226912-32, 2281111-271	22C-12, 22E-12
Convectors and radiators, cast-iron....	3433330-50	34B-12	Cotton-ginning machinery.....	3559571-75	35D-17
Convectors, nonferrous; steel.....	3433371-75, 81	34B-12	Cottonseed oil.....	2091111-211	20H-13
Conveyors, except hoists and farm			Cotton-system yarn.....	2281111-75, 211-41	22E-12
elevators.....	3535111-73	35B-21	Couches:		
Cookies (hand-made).....	2051541	20E-12-14	Household, upholstered, wood.....	2512112	25A-17
Cookies (machine made).....	2052211	20E-14	Office, metal.....	2522151	25B-16
Cooking and food warming equipment,			Office, wood.....	2521019	25B-16
commercial.....	3589111-81	35G-21	Studio.....	2515611	25A-18
Cooking appliances, household.....	3631113-298, 3634312-42	36B-14-16	Cough drops, over 10¢ retail.....	2834311	28C-10
Cooking oils.....	2096152	20H-14	Cough drops, 10¢ or less, retail.....	2071621	20F-13
Cooking utensils:			Cough medicines.....	2834311-98	28C-10
Cast aluminum.....	3361071-75	33D-24	Counters and counting devices.....	3821671	38A-21
Electric, household.....	3634312-42	36B-16	Counters, store.....	2541061, 2542081	25B-17
Glass.....	3229137-39, 3231639	32A-13-14	Couplings, except hydraulic.....	3566323	35E-20
Stamped and spun, metal.....	3461401-519	34D-19	Covers, stamped metal box, electrical..	3644317	36C-15
Stoneware.....	3269040	32C-10	Covers, cotton.....	2211410	22A-14
Vitreous-enameled.....	3461111	34D-18	Crackers--graham; soda; etc.....	2052131	20E-14
Cooperage.....	2445012-59	24C-15	Cranes, construction.....	3531000	35B-18-19
Cooperage stock.....	2429041-71	24A-14	Cranes, overhead traveling and monorail		
Copper--			systems.....	3536211-51	35B-22
Base alloys.....	3331215, 3341231	33C-16	Crates and boxes, wooden, nailed, or		
Castings.....	3362011-71	33D-24	lock corner.....	2441111-71	24C-15
Compounds, chemical.....	2819935-37	28A-22	Crates and boxes, wooden, wirebound....	2442011-71	24C-15
Containing dry preparations, except			Crayons.....	3952153	39C-15
Paris green.....	2873021	28F-13	Cream: fluid, bulk, bottled.....	2026117, 232-52	20B-16, 17
Foil.....	3497047	34E-23	Cream, plastic.....	2026162	20B-16
Forgings.....	3392011	33E-9	Cream separators (agricultural		
Refined, unalloyed.....	3331211, 3341211	33C-16	equipment).....	3522810	35A-16
Rolling and drawing.....	3351111-237	33D-18	Cream separators (food-products		
Smelter products.....	3331111-215, 3341211-231	33C-16	machinery).....	3551122	35D-14
Wire, strand, and cable, except			Creamery butter.....	2021013-15	20B-16
insulated.....	3357211-71	33D-20	Cribs, wooden.....	2511611	25A-16
Cord:			Crocheting needles.....	3964269	39C-16
Appliance, electrical.....	3357621-29, 3699621-29	33D-22-23	Cross ties, railway: hewn.....	2411098	24A-13
Braided, cotton.....	2298311	22F-18	Cross ties, railway: sawed.....	2421131	24A-13
Tire.....	2296010-38	22F-17	Crowns, metal.....	3461711	34D-19
Cord sets, flexible.....	3699611	33D-22, 36E-13	Crucibles, foundry, metal.....	3559298	35D-17
Cordage and twine.....	2298111-398	22F-18	Crucibles, graphite and carbon-bonded..	3297033-35	32E-17
Cordials, alcoholic.....	2085331	20G-14	Crystals, watch.....	3231651	32A-14
Corduroy fabrics, cotton.....	2211610, 2233831-37	22A-14	Cultivators and weeders.....	3522815	35A-16-17
Cork--			Culvert pipe, concrete.....	3272111	32D-14
Floor and wall covering.....	2499453	24C-16	Culverts, sheet-metal.....	3444211	34C-22
Gaskets.....	3293221	32E-16	Cups; paper.....	2654231	26C-14
Products, other.....	2499411-98	24C-16	Curtains:		
			Shower, bath.....	2392011-15	23E-17
			Window, lace.....	2292051	22F-16
			Window, other than lace.....	2391011-18	23E-16
			Curtain wall (metal panels).....	3449371	34C-23
			Custard, frozen.....	2024091	20B-16



Product	Code	Page	Product	Code	Page
Cutlery (except silver; silver plated).....	3421111-98	34A-15	Dishes (see also tableware):		
Cut-stone products.....	3281111-398	32D-15	Paper, stamped.....	2654311	26C-14
Cutting dies (excluding metal cutting).....	3423251	34A-16	Plastic.....	3079112	30A-18
Cutting tools, small, metalworking.....	3545112-96	35C-17-18	Pressed and molded pulp.....	2646251	26B-15
Cyanide, sodium compound.....	2819787	28A-21	Wooden.....	2499583	24C-17
Cyclic (coal-tar) crudes.....	2814011	28A-18	Dishwashing machines, commercial.....	3589271	35G-21
Cyclic (coal-tar) intermediates.....	2815111	28A-18	Dishwashing machines, household.....	3639311-13	36B-17
Cylinders, gas.....	3443411-19	34C-20	Disks and wheels, dental.....	3843061	38A-22
Cylinders, hydraulic.....	3599098	35G-22	Disinfectants, agricultural use.....	2879011	28F-14
Cymbals.....	3931498	39B-12	Disinfectants, other than agricultural.....	2842332	28D-13
Cystoscopes.....	3841051	38A-21	Dispensing pumps: gasoline; oil.....	3586011-98	35G-21
			Display cases, except refrigerated.....	2541031, 2542061	25B-17
<b>D</b>			Display cases, refrigerated (except frozen food).....	3585322-28	35G-18
Dairy machines, farm size.....	3522810	35A-16	Displays, advertising.....	3993211-98	39E-16
Dairy-plant machinery.....	3551113-98	35D-14	Disposers, waste food.....	3639371	36B-17
Damasks, cotton.....	2211431, 610	22A-14	Distillate fuel oil.....	2911311-98	29A-13
Davenport.....	2512112	25A-17	Distillates, hardwood.....	2861231-61	28F-12
DDT - containing insecticides.....	2873033-35	28F-14	Distillates, softwood.....	2861113-98	28F-12
Decalcomanias, all processes.....	2751651, 911, 2752651	27B-13-14	Distilled liquors, except brandy.....	2085111-49	20G-14
Dehydrated fruits; vegetables and soup mix.....	2034011	20C-21	Distribution transformers (see transformers)		
Demand meters, KW and KVA.....	3611141	36A-17	Dog and cat food.....	2042312-51	20D-14
Denim fabrics.....	2211410	22A-14	Doilies, paper.....	2649571	26B-17
Dental equipment.....	3843011-98	38A-22	Doll carriages and carts.....	3941011	39B-12
Dentifrices.....	2844411-98	28D-15	Dolls.....	3942011-13	39B-12
Denture materials.....	3843041	38A-22	Dolomite, dead-burned.....	3274071	32D-14
Deodorants, nonpersonal.....	2842381-85	28D-13	Door closures and checking devices.....	3429441	34A-17
Deodorants, personal.....	2844524-26	28D-15	Door frames, metal.....	3442141	34C-19
Depositories, bank.....	3492098	34E-22	Door frames, wooden.....	2431311	24B-11
Derricks, construction.....	3531971	35B-17	Doors:		
Derricks, oil- and gas-field.....	3533421	35B-21	Metal, combination screen and storm..	3442451	34C-20
Desk pen sets.....	3951019	39C-15	Metal, except combination screen and storm.....	3442112-37	34C-19
Desks:			Screen, wood.....	2431571	24B-11
Hospital.....	3841095	38A-21	Wooden, except screen.....	2431411-561, 98	24B-11
Household, wooden.....	2511251	25A-16	Dopes (paint).....	2851263	28E-8
Office, metal.....	2522213-53	25B-16	Doughnuts (baking powder leavened).....	2051711	20E-12-14
Office, wood.....	2521031-35	25B-16			
School.....	2531112-33	25B-16	Doughnuts (yeast-raised).....	2051213	20E-12-14
Desserts, ready-to-mix, except ice cream mix.....	2099111-98	20I-11	Dowel and dowel pins.....	2499562	24C-17
Detergents:			Drafting instruments.....	3811211	38A-20
Alkaline.....	2841112-55	28D-12	Drain tile, clay.....	3259211	32B-13
Specialty.....	2842311-31, 41, 98	28D-13	Drain tile, concrete.....	3272198	32D-14
Synthetic organic, bulk.....	2841611-53	28D-13	Draperies.....	2391051-58	23E-16
Synthetic organic, packaged.....	2841511-53	28D-13	Drawers, men's and boys'.....	2322141-45	23A-27
Detonators (blasting accessories).....	2892043-47	28G-15	Drawing machines, metalworking.....	3548545	35C-19
Developers, photographic chemicals.....	3861811	38B-11	Dredging machinery (construction).....	3531911	35B-17
Diamonds: cutting; setting.....	3913011-31	39A-10	Dressers, vanities and dressing tables.....	2511521	25A-16
Diaper cloth, cotton (Birdseye).....	2211210	22A-14	Dresses:		
Diapers, disposable.....	2399027	23E-18	Girls' children's, and infants'.....	2361011-79	23C-26-27
Diapers, textile.....	2211031, 2399023	22A-15, 23E-18	Women's, misses', and juniors', dozen-price.....	2335210	23B-19
Dickies; Women's; misses', and juniors'.....	2339311	23B-19	Women's, misses', and juniors', unit-price.....	2335110	23B-19
Dictating machines.....	3579010	35F-11	Dressings, salad.....	2035412-41	20C-21
Die-casting machines.....	3542331	35C-17	Dressings, surgical.....	3842122-29	38A-21
Dielectric heating equipment.....	3567331	35E-21	Dried eggs.....	2015611-17	20A-14
Dies, marking.....	3953031	39C-15	Dried fruits; vegetables.....	2034011	20C-21
Dies: metal cutting; stamping; etc.....	3544121-61	35C-17	Driers, laundry: commercial.....	3582025	35G-15
Diesel engines.....	3519210-50	35A-12	Driers, laundry, household.....	3633151-55	36B-15
Dietary supplement (50% or more milk solids).....	2023122	20B-16	Drilling machines, metalworking, except home workshop.....	3541210	35C-13
Dimension stock, hardwood.....	2426221-71	24A-13-14	Drilling machines, metalworking, home workshop.....	35418--	35C-15
Dimities.....	2211510	22A-14	Drilling machinery, oil- and gas-field.....	3533211-298	35B-20
Dinghies.....	3732311	37C-17	Drill fabrics.....	2211210	22A-14
Dining room furniture, metal.....	2514111-98	25A-17	Drills:		
Dining room furniture, wooden.....	2511311-81	25A-16	Metalworking, accessories for machine tools.....	3545121-25	35C-17
Diodes and transistors.....	3679111-98	36D-20	Metalworking, power driven hand tools.....	3548211-12, 32	35C-18-19
Dips, cattle and sheep.....	2879031	28F-14	Mining and construction.....	3532313-41	35B-20
Directories, publishing.....	2741111, 41	27A-20	Drop-forging dies.....	3544131	35C-17
Disc recorders; electric.....	3651331	36D-17	Drugs:		
Disc sanders, hand, electric and pneumatic.....	3548223, 48	35C-18-19	Animal origin (in bulk), uncompounded	2833191	28C-9
Dishcloths, cotton woven fabric.....	2211431	22A-14			
Dishcloths, knit.....	2259098	22B-25			



Product	Code	Page	Product	Code	Page
Drugs--Continued			Electromedical apparatus (including cardiograph).....	3693091	36E-12
Botanical, uncompound (in bulk)....	2833111	28C-9	Electrometallurgical products.....	3312195, 3313012	33A-15-17
Pharmaceutical preparations.....	2834111-998	28C-9-11	Electronic computing machines.....	3571212	35F-10
Drums, fiber.....	2655151	26C-14	Electron tube making machinery.....	3559585	35D-17
Drums, steel shipping (over 12 gal.)...	3491210-312	34E-21-22	Electron tubes, except X-ray.....	3671011-3673098	36D-20
Dry-cleaning equipment.....	3582031-081	35G-15	Electroplating, for the trade.....	3471011	34D-19
Dryers, hair (beauty-parlor use).....	3999311	39E-16	Electro-therapeutic apparatus.....	3693081	36E-12
Dryers, hair, household.....	3634398	36B-16	Electrotyping.....	2794011	27C-15
Dry mops and dusters.....	2392071	23E-17	Electrotyping machinery.....	3555261	35D-16
Dry shavers, electric.....	3634211	36B-15	Elevators:		
Dry vacuum pumps.....	3561519	35E-18	Except farm and portable.....	3534011-98	35B-21
Dual-fuel engines.....	3519610	35A-12	Farm.....	3522871	35A-18
Duck, cotton.....	2211110	22A-14	Portable (stackers).....	3337051	35B-22
Ducks; geese; rabbits, dressed.....	2015511	20A-14	Embalming chemicals.....	3988398	39D-14
Ducts, sheet-metal.....	3444331, 81	34C-22	Emblems:		
Dumbbells.....	3949298	39B-13	Except textile and precious metal....	3961051	39C-16
Dumbwaiters.....	3534098	35B-21	Precious metals.....	3911151, 298	39A-10
Dungarees, men's and boys'.....	23282--	23A-28	Textile.....	2399041	23E-19
Dunnage.....	2421829	24A-13	Embroideries, except Schiffli-machine..	2398412	23E-18
Duplicating machines.....	3579010	35F-11	Embroideries, Schiffli-machine.....	2397012	23E-18
Dust collection and other air purification equipment.....	3564251	35E-19	Enameling and lacquering.....	3479051	34D-19
Dusters, agricultural machinery.....	3522891	35A-19	Enamels (paint).....	2851121-58	28E-7
Dusters, household.....	2392071	23E-17	Endocrine extracts, animal origin, in bulk.....	2833191	28C-9
Dyeing and finishing textiles, except wool.....	2261711-971, 2262811-961	22C-11-12	Engine electrical equipment.....	3694111-698	36E-12-13
Dyeing and finishing textiles, wool....	2231511-93	22A-16	Engines:		
Dyeing machinery, textile.....	3552185	35D-15	Aircraft.....	37221--2--	37B-11
Dyeing materials, natural.....	2861271	28F-12	Diesel.....	3519210-50	35A-12
Dyes:			Internal combustion (except aircraft and automotive).....	3519100-650	35A-12
Coal tar.....	2815211	28A-18	Miniature.....	3941031	39B-12
Hair.....	2844351	28D-15	Motor-vehicle, rebuilt.....	3717711	37A-12
Tints, household.....	2899353	28G-17	Steam (reciprocating).....	3511211	35A-12
Dyestuffs, natural.....	2861271	28F-12	Engravers equipment, printing-trades machinery.....	3555269	35D-16
Dynamite.....	2892015	28G-15	Engravers tools, hand.....	3423398	34A-16
<b>E</b>			Engraving and plate printing, all products.....	2753012-75	27B-14
Earthenware: art; decorative; novelty.....	3269031	32C-10	Engraving, metal.....	3479011	34D-19
Earthenware food utensils.....	3263012-52	32C-10	Enlargers, photographic.....	3861181	38B-10
Earthenware, red unglazed.....	3269071	32C-10	Ensilage cutters (silo fillers).....	3522821	35A-17
Easels, artists'.....	3952211	39C-15	Entrances, exterior: wooden.....	2431851	24B-12
Ecclesiastical ware, silver; pewter....	3914111-61	39A-10	Envelope-making machines.....	3554052	35D-16
Edge tools.....	3423211-98	34A-16	Envelopes and paper, packaged stationery.....	2649115	26B-16
Edgings, lace.....	2292015	22F-16	Envelopes (excluding stationery).....	2642011	26B-14
Eggs, liquid, dried, and frozen.....	2015611-57	20A-14	Escalators.....	3534051	35B-21
Elastomers, vulcanizable (synthetic rubber).....	2822011-51	28B-13	Essential oils.....	2899511-19	28G-16
Electric--			Ethyl alcohol, industrial.....	2818511-21	28A-19
Appliances, small household.....	3634312-98	36B-15-16	Evaporated and condensed milk, canned..	2023212-16	20B-16
Bed coverings.....	3634385	36B-16	Evaporated and condensed bulk milk.....	2023141-45, 2023312-16	20B-16
Control apparatus, industrial.....	3622012-98	36A-20	Excavating and road-construction machinery.....	3531911-98	35B-17-18
Equipment, engine.....	3694111-698	36E-12-13	Excelsior, wood.....	2429081	24A-14
Fans, except industrial.....	3634111-98	36B-15	Exercising machines.....	3949298	39B-13
Furnaces and ovens, industrial.....	3567111-43	35E-20	Exfoliated vermiculite.....	3296141-49	32E-17
Lamps (bulbs only).....	3641010-63	36C-12	Expansion tanks (heating equipment)...	3433652	34B-13
Lighting fixtures.....	3642111-689	36C-13-14	Explosives.....	2892011-71	28G-15
Motors and generators.....	3621112-611	36A-19-20	Extension cords.....	3357611, 3699611	33D-22, 36E-13
Porcelain products.....	3264011-98	32C-10	Exterior millwork, except entrances....	2431831	24B-12
Razors.....	3634211	36B-15	Extinguishers, fire, portable.....	3999111-51	39E-16
Test equipment.....	3611212-98	36A-17	Extracts:		
Welding apparatus.....	3623111-381	36A-20-21	Dyeing, natural.....	2861271	28F-12
Wiring devices.....	3643001-3644323	36C-14-15	Flavoring.....	2087111-55	20G-15
Electrical machinery and equipment (see specific kind)			Malt.....	2082091	20G-13
Electrodes: carbon; graphite.....	3624053-85	36A-21	Tanning, natural.....	2861281-85	28F-12
Electrodiathermic apparatus.....	3693081	36E-12	Eye-glass frames.....	3851012-24	38A-22
Electrolytic capacitors, a.c. (except radio and TV type).....	3629151	36A-21	Eye shadow and mascara.....	2844523	28D-15
Electrolytic capacitors (radio and TV type).....	3679221-31	36D-21	<b>F</b>		
			Fabric machinery.....	3552164-84	35D-15
			Fabricated structural iron and steel.....	3441111-81	34C-19



Product	Code	Page	Product	Code	Page
Fabrics:			Findings:		
Broad-woven: cotton.....	2211110-761,	22A-14,	Boot; shoe, except rubber and		
	2261711-971	22C-11	plastics.....	3131061-69	31A-15
Broad-woven: silk; synthetic fiber..	2221111-861,	22A-15,	Hat and cap: men's, boys'.....	2398231	23E-18
	2262811-961	22C-11-	Jewelers'.....	3912011-51	39A-10
		12	Suit; coat; men's and boys'.....	2398211	23E-18
Broad-woven: woolen; worsted.....	2231210-451	22A-16	Finishes and assistants, textile and		
Coated, except rubberized.....	2295111-398	22F-17	leather.....	2843071	28D-14
Knit.....	2256112-219	22B-25	Finishing textiles, except wool.....	2261711-971,	22C-11-
Narrow-braided.....	2241411-31	22A-17		2262811-961	12
Narrow-woven.....	2241111-98	22A-17	Finishing textiles, wool.....	2231511-93	22A-16
Nonapparel, woolen and worsted.....	2231411-51	22A-16	Fire-extinguishing equipment, chemical.	3999111-71	39E-16
Rubberized.....	3069811-17	30A-17	Fire hose, except rubber.....	3569098	35E-21
Tire.....	2296010-38	22F-17	Fire hose, cotton, rubber lined.....	3069241-45	30A-16
Face powders.....	2844543	28D-15	Fireplace fixtures and equipment.....	3429552	34A-17
Factory furniture.....	2599098	25B-18	Fire works and pyrotechnics.....	2899329	28G-16
Fans, electric, except industrial.....	3634111-98	36B-15	Firkins, wood.....	2445059	24C-15
Fans, exhaust and ventilating,			First-aid-kits.....	3842361	38A-22
industrial.....	3564111-28	35E-19	Fish products:		
Farm elevators.....	3522871	35A-18	Cake and meal (oil mill products)....	2095066	20H-14
Farm machinery, except tractors.....	3522300-898	35A-13-	Canned.....	2031011-31	20C-17
		20	Cured.....	2031051-85	20C-17
Farm wagons.....	3799213	37C-19	Frozen.....	2036100-211	20C-21
Fasteners: snap; slide, tape.....	3964111-41	39C-16	Liner oils, refined for medicinal use	2833141	28C-9
Fathometers.....	3811198	38A-20	Oil.....	2095061	20H-14
Fats, sulfonated.....	2843011	28D-14	Fishing tackle.....	3949114-19	39B-13
Fatty acids.....	2894011-81	28G-16	Fishline, textile.....	2298213-15	22F-18
Feathers, plumes; artificial flowers...	3962011	39C-16	Fixtures, display: office; store.....	2541031-98,	25B-17
Feed and fertilizers byproducts.....	2094211-43	20H-13		2542061-98	
Feed, corn gluten.....	2046075	20D-15	Fixtures, lighting.....	3642111-689	36C-13-
Feed grinders and crushers, power					14
(farm size).....	3522821	35A-17	Flags and banners, textile.....	2399041	23E-19
Feed mixers, farm size.....	3522821	35A-17	Flannels, cotton.....	2211451	22A-14
Feed, prepared, animal.....	2042101-435	20D-14	Flashlight batteries.....	3692021-24	36E-11
Feldspar, ground.....	3295098	32E-17	Flashlights.....	3642611	36C-14
Felt goods, except woven, and hats....	2291011-58	22F-16	Flatirons, electric.....	3634352-69	36B-16
Felts, asphalt or tar saturated.....	2952111-31,	29A-14-	Flatware: silver; plated.....	3914211-35	39A-10
	351-98	15	Flatware, stainless steel and other		
Felts, woven, wool.....	2231250, 451	22A-16	metal, not plated.....	3914251-61	39A-10
Fences and gates, other than wire.....	3449113	34C-22	Flavor and perfume materials,		
Fence, snow, wood.....	2499598	24C-17	synthetic organic.....	2818311	28A-19
Fencing and fence gates, wire.....	3315611-71,	33A-17-	Flavoring extracts, except sirups.....	2087111-55	20G-15
	3481611-71	18	Flavoring sirups (for use by soft drink		
		34E-19	bottlers).....	2087313-39	20G-16
Fenders, automotive, stamped.....	3461313	34D-19	Flexible cord sets.....	3357611,	33D-22,
Ferris wheels.....	3599098	35G-22		3699611	36E-13
Ferroalloys and other additives.....	3312195,	33A-15	Flexible metal hose and tubing.....	3599061	35G-22
	3313012		Flock, all fibers.....	2294041	22F-16
Ferry boats.....	3731310	37C-17	Flood lighting and area lighting		
Fertilizers.....	2871111-	28F-12-	equipment.....	3642511-81	36C-13
	2872298	13	Flood lights (general type).....	3642511	36C-13
Fiber, vulcanized (sheet, rod, tubes,			Floor--		
etc.).....	2821551-55	28B-13	Covering, auto and aircraft.....	2271151, 241	22D-8
Fiberboard, building, hard pressed			Coverings, including wall, hard-		
wood fiber.....	2661311-21	26A-14	surface.....	3982111-291	39D-13
Fibers, synthetic, noncellulosic.....	28241--,	28B-14	Coverings, including wall, rubber...	3069421-29	30A-16
	28242--		Furnaces, including wall.....	3433619	34B-13
Fibers, textile: recovered.....	2294012-18	22F-16	Polish.....	2842421-29	28D-14
Fibrous glass, insulation.....	3296131-37,	32E-17	Sanding machines.....	3589242	35G-21
	235-71		Scrubbing machines.....	3589242	35G-21
Files and rasps.....	3423361-71	34A-16	Tile, including wall, clay.....	3253011-51	32B-12
Filing accessories.....	2645111-21	26B-15	Waxing and polishing machines,		
Filing cabinets, metal.....	2522321-27	25B-16	household type.....	3639331	36B-17
Filing cabinets, wood.....	2521041	25B-16	Waxing machines, industrial.....	3589235	35G-21
Fillers and flats for egg cases, die			Flooring, wood.....	2421811,	24A-13
cut.....	2645198	26B-15		2426111-98	
Fillers and flats for egg cases,			Flour:		
molded pulp.....	2646298	26B-15	Blended; prepared.....	2045511-49	20D-13
Fillers and sealers, wood.....	2852021	28E-8	Rye.....	2041611	20D-13
Film and plates, photographic.....	3861563-500	38B-11	Soy.....	2092231	20H-13
Film, unsupported; plastic.....	2821411-59,	28B-13,	Wheat, except blended or prepared...	2041101-98	20D-13
	3079411-69	30A-18	Flour-mill machinery.....	3551331	35D-14
Film, unsupported: rubber.....	3069898	30A-17	Flowers, artificial, except glass.....	3962011	39C-16
Films, motion picture.....	3861500	38B-11	Flowers, artificial, glass.....	3229124, 33,	32A-13-
Filter cloth, cotton.....	2211110	22A-14		36,3231639	14
Filters and strainers for industrial			Flue lining, clay.....	3259251	32B-13
uses.....	3569098	35E-21	Fluorescent, hot cathode lamps.....	3641043-44	36C-12
Filters and strainers for internal			Fluorescent lighting fixtures.....	3642151, 251-	36C-13
combustion engines.....	3569098	35E-21		55, 341-49	



Product	Code	Page	Product	Code	Page
Fluorescent starters.....	3643051	36C-14	Full-fashioned hosiery.....	2251111-231	22B-21
Flutes and parts.....	3931411	39B-12	Fumigants, other than soil.....	2842189	28D-13
Fluxes.....	2899342	28G-17	Fungicides and insecticides, agricultural.....	2873011-77	28F-13-14
Fly sprays.....	2842142	28D-13			
Fly swatters.....	3999361	39E-16	Fur-felt hats; hat bodies.....	2352171-85	23C-26
Foil, aluminum, laminated and converted	3497021-39	34E-23	Fur, hatters.....	2398251	23E-18
Foil, aluminum, plain.....	3352311-21	33D-18	Furnaces and ovens, industrial, electric.....	3567111-43	35E-20
Foil stock, aluminum.....	3352251	33D-18	Furnaces, industrial, fuel fired.....	3567211-61	35E-20
Folders, file.....	2645113	26B-15	Furnaces, warm air.....	3433200-	34B-12
Food colorings.....	2087471	20G-16	Furniture:		
Food merchandising machines (non- refrigerated).....	3581212	35G-15	Barber; beauty-shop.....	3999311	39E-16
Food preparation appliances, electric, household.....	3634371-78	36B-16	Church, except stone and concrete....	2531231-39	25B-16
Food preparations (see specific kind)			Factory.....	2599098	25B-18
Food-products machinery.....	3551113-381	35D-14	Frames, wood.....	2512611	25A-17
Footballs.....	3949267	39B-13	Hardware.....	3429211-51	34A-17
Foot powder.....	2844548	28D-15	Hospital.....	3841091-95	38A-21
Foos and acidulated soap stock.....	2095011	20H-14	Household: except upholstered, wood.	2511111-798	25A-16
Footwear:			Household: upholstered, wood.....	2512112-98	25A-17
Cut stock and findings.....	3131011-69	31A-15	Laboratory.....	3811281-89	38A-20
Leather.....	3141111-711	31A-15-17	Office, metal.....	2522111-498	25B-16
Rubber.....	3021011-98	30A-15	Office, wood.....	2521011-98	25B-16
Forging machines, except presses.....	3542310	35C-16	Parts, except frames, wooden.....	2426281	24A-14
Forging presses.....	3542210	35C-15-16	Porch and lawn, metal.....	2514311-98	25A-17
Forgings: iron.....	3312911-41, 3391111-951	33A-17, 33E-9	Porch; and lawn, wood or wood and canvas.....	2511712-29	25A-16
Forgings, nonferrous.....	3392011-98	33E-9	Public-building.....	2531112-298	25B-16-17
Forks; hoes; rakes; weeders, (hand tools).....	3423341	34A-16	Reed, rattan.....	2519032	25A-18
Forms: boot; shoe.....	2499539	24C-16	Restaurant.....	2599041-49	25B-18
Foundries:			School.....	2531112-39	25B-16
Gray-iron.....	3321111-498	33B-11	Unpainted, wood.....	2511745-49	25A-16
Malleable-iron.....	3322021-31	33B-11	Fur plates.....	2371011	23D-19
Nonferrous.....	3361011-3369098	33D-24	Furs, apparel.....	2371011	23D-19
Steel.....	3323012-61	33B-11	Furs: dressed and dyed.....	3992011	39E-16
Foundry machinery, except patterns and molds.....	3559231-98	35D-17	Fur trimmings.....	2371011	23D-19
Foundry patterns.....	3565011	35E-19	Fuses, electric, under 2,300 volts....	3613431-93	36A-19
Foundry supplies, chemical.....	2899349	28G-17	Fuses, safety.....	2892041	28G-15
Fountain pens.....	3951011-16	39C-15			
Fourdriniers, paper machine (including yankee machines).....	3554041, 71	35D-16			
Fractional horsepower motors.....	3621111-19	36A-19			
Frames:					
Eye-glass.....	3851012-24	38A-22			
Furniture, wood.....	2512611	25A-17			
Mirror; picture.....	2499111-15	24C-16			
Window, metal.....	3442211-51	34C-20			
Window, door: wooden.....	2431311	24B-11			
Freezers: home; farm.....	3632221-29	36B-15			
Freezers, ice-cream, food products machinery.....	3551173	35D-14			
Freight train cars, new.....	3742211-98	37C-18			
Frit, vitreous enamel.....	2899387	28G-17			
Frozen foods, except eggs and fish....	2037111-361	20C-21-22			
Frozen or liquid eggs.....	2015651-57	20A-14			
Fruit juices, canned.....	2033411-89	20C-19-20			
Fruit juices, concentrated (not frozen)	2087481	20G-16			
Fruit juices, frozen.....	2037169-98	20C-22			
Fruits:					
Candied and crystallized.....	2071671	20F-13			
Canned.....	2033112-98	20C-18			
Dried.....	2034011	20C-21			
Fountain; ice-cream.....	2087461	20G-16			
Frozen (including juices).....	2037111-98	20C-21-22			
Fuel:					
Briquets.....	2999011	29A-15			
Cells, rubber.....	3069583	30A-17			
Oil, distillate.....	2911311-98	29A-13			
Oil, residual.....	2911411-98	29A-13			
Packaged.....	2999021	29A-15			
Pumps, motor vehicle, replacement parts.....	3717600	37A-12			
Tanks, aircraft (including self- sealing).....	3729198	37B-11			



Product	Code	Page	Product	Code	Page
Gas-field machinery.....	3533111-431	35B-20-21	Gloves and mittens, dress:		
Gas generating equipment.....	3569098	35E-21	Knit fabric.....	2381141, 45	23D-19
Gaskets, all types.....	3293211-98	32E-16	Leather.....	3151012-56	31B-13
Gas meters.....	3821211	38A-20	Leather and fabric combination.....	2259011, 2381111	23D-19
Gasoline and jet fuel.....	2911111-98	29A-13	Woven fabric.....	2381131	23D-11
Gasoline dispensing pumps.....	3586011-13	35G-21	Gloves and mittens, except dress:		
Gasoline engines, automotive, rebuilt..	3717711	37A-12	Knit fabric.....	2381212	23D-19
Gasoline engines (except aircraft, outboard and automotive).....	3519100	35A-12	Leather.....	3151071-79	31B-13
Gas tanks, automobile, replacement parts.....	3717600	37A-12	Leather and fabric combinations.....	2259071, 2381212	23D-19
Gastrosopes.....	3841051	38A-21	Rubber, household.....	3069751	30A-17
Gas turbine generator sets.....	3511145	35A-12	Rubber, industrial.....	3069841	30A-17
Gates, fence, wire (except chain link)..	3315631, 3481631	33A-17, 34E-19	Sport; athletic.....	3949266, 98	39B-13
Gates, metal, except wire.....	3449113	34C-22	Surgical.....	3069761	30A-17
Gauze, cotton broad-woven fabric.....	2211310	22B-16	Woven fabric.....	2259071, 2381212	23D-19
Gauze, surgical dressing.....	3842126	38A-21	Glues, adhesives and sizes.....	2891111-83	28G-15
Gear-cutting and finishing machines....	3541310	35C-13	Gluten feed; meal; corn.....	2046075-77	20D-15
Gear hobs and cutters.....	3545141-54	35C-17	Glycerin.....	2841411-51	28D-13
Gearmotor reducer elements.....	3566234-39	35E-20	Goblets, glass.....	3229115, 31, 35, 3231631	32A-13-14
Gears, motor-vehicle, (replacement parts).....	3717600	37A-12	Goggles, industrial.....	3851041	38A-22
Gears, power transmission, except motor-vehicle.....	3566241-49	35E-20	Gold and gold-base alloys.....	3339565, 3341581	33C-17
Geiger counters.....	2821613	38A-21	Gold compounds, chemical.....	2819995	28A-23
Gelatin base desserts (ready-to-mix)...	2099151	20I-11	Gold leaf.....	3497051	34E-23
Gelatin, except ready-mix desserts....	2891211-98	28G-15	Gold, refined, unalloyed.....	3339511, 3341511	33C-17
Generator set units, steam turbine....	3511112-39	35A-12	Golf carts, electrically driven.....	3799298	37C-19
Generator sets, motor.....	3621511-98	36A-19	Golf equipment.....	3949231-45, 98	39B-13
Generators, battery charging.....	3694211-29	36E-12	Gondola cars, freight train.....	3742225	37C-18
Generators; motors; for land transportation equipment.....	3621311-98	36A-20	Gowns and caps, academic.....	2389098	23D-20
Germicides, human use.....	2834925-30	28C-11	Gowns, dressing.....	2384011-59	23D-19
Gin.....	2085149, 321, 355	20G-14	Graders, construction machinery.....	3531983, 3531000	35B-17, 19
Ginger ale.....	2086016, 26, 36, 46	20G-14-15	Grain alcohol, beverage purposes.....	2085111-49	20G-14
Ginghams.....	2211410, 510	22A-14	Grain alcohol, industrial (ethyl alcohol).....	2818511-21	28A-19
Ginning machinery, cotton.....	3559571-75	35D-17	Grain-mill machinery.....	3551331	35D-14
Girdles.....	2342231-51	23C-25	Grains, distillers'.....	2085161-98	20G-14
Glasses, field.....	3831031	38A-21	Granite cut-stone products.....	3281111-98	32D-15
Glasses, sun.....	3851051	38A-22	Graphite and carbon products.....	3624011-85	36A-21
Glass:			Graphite crucibles and retorts.....	3297033	32E-17
Colored or tinted.....	3211125	32A-12	Graphite: ground; blended.....	3295081	32E-17
Flat; window.....	3211111-211	32A-12	Grass hooks.....	3423211	34A-16
Laminated.....	3211311-71, 3231111-98	32A-12-14	Gravure process, printing.....	2751711-898	27B-13
Plate.....	3211211	32A-12	Gray-iron castings.....	3321111-98	33B-11
Glass-making machinery, except lehrs...	3559551-55	35D-17	Grease guns; pumps.....	3586041-51	35G-21
Glass products (see also specific kind):			Grease, rendered.....	2094112	20H-13
Blocks; bricks.....	3229485	32A-13	Grease retainers, leather.....	3121071	31A-14
Containers.....	3221011-71	32A-12	Greases, lubricating.....	2911711, 2992711-51	29A-14
Cooking ware.....	3229121, 3739, 3231639	32A-13-14	Grease, wool, recovered.....	2297081	22F-18
Cutware.....	3229124, 33, 36	32A-13-14	Greeting cards.....	2771111-251	27C-15
	3231631-39		Griddles, commercial.....	3589129, 71	35G-21
Fabrics.....	2221712	22A-15	Grinders, feed (farm size).....	3522821	35A-17
Insulators.....	3229479, 3231639	32A-13-14	Grinding and cutting wheels, abrasive..	3291231-35, 55, 61	32E-15
Novelties.....	3229124, 33, 36, 3231639	32A-13-14	Grinding and polishing machines, home workshop.....	35418--	35C-15
Glassware:			Grinding machines, metalworking, except home workshop.....	3541410	35C-14
Industrial.....	3229483, 3231639	32A-13-14	Grocers bags, paper.....	2643111	26B-14
Kitchen; table; etc.....	3229115-39, 3231631-35	32A-13-14	Grommets, rubber.....	3069598	30A-17
Lighting and electronic.....	3229245-56, 3231639	32A-13-14	Ground minerals and earth, except graphite.....	3295031-71, 98	32E-16-17
Scientific, laboratory.....	3229481, 3231639	32A-13-14	Guided missiles (complete).....	1925111	39E-16
Glauber's salt.....	2819767	28A-21	Guitars.....	3931498	39B-12
Gliders, aircraft, military.....	3721110	37B-11	Gum, chewing.....	2073011-15	20F-14
Gliders, swings, and hammocks, metal...	2514351	25A-17	Gummed paper.....	2641331	26B-14
Gliders, swings, and hammocks, wood...	2511729	25A-16	Gummed tape.....	2641311-15	26B-14
Globes, lantern, glass.....	3229248, 3231639	32A-13-14	Gum naval stores.....	2861211-21	28F-12
			Gum turpentine.....	2861211	28F-12
			Guns, grease.....	3586051	35G-21
			Guns, and rifles (under 30 mm).....	1951252-75	39E-17
			Gypsum products.....	3275111-211	32D-14



Product	Code	Page	Product	Code	Page
<b>H</b>			<b>Heaters:</b>		
Hair--			Air space; portable, electric.....	3634343-44	36B-16
Brushes.....	3981327	39D-13	Unit, nonelectric.....	3433630	34B-13
Clippers, animal use.....	3522841	35A-18	Water, electric, household.....	3639111-98	36B-17
Clippers, human use.....	3999311	39E-16	Water, except electric.....	3639211-53	36B-17
Curlers (not for beauty-parlors)....	3964251	39C-16	Water, livestock.....	3522841	35A-18
Dressings.....	2844341	38D-15	Heating apparatus, domestic, electric..	3634343-49	36B-16
Dryers (beauty-parlor use).....	3999311	39E-16	Heating equipment, except electric....	3433110-698	34B-11-14
Dryers (not for beauty-parlor use)...	3634398	36B-16	Heating pads, electric.....	3634387	36B-16
Preparations.....	2844312-98	28D-15	Heating stoves, except electric.....	3433400	34B-12
Tonics.....	2844321	28D-15	Heating units, electrical: industrial.	3567351-59	35E-21
Work (switches, toupees, wigs).....	3999321	39E-16	Heat treating furnaces.....	3567121, 221	35E-20
Hairpins, metal.....	3964283-85	39C-16	Hedge trimmers and shears, power.....	3522887	35A-20
Hammers (hand tools).....	3423121, 321	34A-15-16	Heels, leather.....	3131021-23	31A-15
Hammers, portable: electric; pneumatic	3548226, 48	35C-18-19	Heels, plastic.....	3079945	30A-19
Hammocks, porch and lawn, metal.....	2514351	25A-17	Heels, rubber.....	3069611	30A-17
Hammocks, porch and lawn, wood.....	2511729	25A-16	Heels, wood, finished.....	3131065-66	31A-15
Hampers, laundry (reed; rattan; willow; veneer; or splint).....	2499511-19	24C-16	Helicopters.....	3721911-59	37B-11
Hampers, vegetable.....	2443031	24C-15	Helmets, athletic.....	3949298	39B-13
Hand and push carts.....	3799231	37C-19	Helmets, leather, except athletic.....	3199098	31B-14
Handbags and purses, women's.....	3171011-98	31B-13	Helmets, steel.....	3461898	34D-19
Handkerchiefs:			Hemp thread.....	2299200	22F-19
Embroidered, except Schiffli-machine.	2398412	23E-18	Hens.....	2015111-15	20A-13
Embroidered, Schiffli-machine.....	2397012	23E-18	Hides, skins, and pelts.....	2011911-98	20A-12
Except embroidered.....	2389051-59	23D-20	High chairs, children's, wooden.....	2511631	25A-16
Handles, wood.....	2499551-59	24C-16	High-temperature bonding mortars.....	3297063-65	32E-17
Hand stamps.....	3953011-31	39C-15	Hinges, and butts, except cabinet.....	3429451	34A-17
Hand tools:			Hoes; forks; rakes; weeders (hand tools).....	3423341	34A-16
Edged.....	3423211-98	34A-16	Hogshead stock, tobacco.....	2444521-25	24A-13
Forged.....	3423321-31	34A-16	Hogsheads, wooden, coopered.....	2445012-59	24C-15
Mechanic's, service.....	3423111-98	34A-15	Hoists.....	3536112-38	35B-22
Power driven.....	3548211-61	35C-18-19	Holders, cigarette.....	3999341	39E-16
Hangers, garment, wire.....	3315971, 3481971	33A-19, 34E-21	Hollow ware:silver; plated.....	391411-31	39A-10
Hangers, garment, wooden.....	2499598	24C-17	Hollow ware: stainless steel and other metal, not plated.....	3914151-61	39A-10
Hardboard and insulating board.....	2661112-321	26A-14	Hollywood beds.....	2511513	25A-16
Hard fiber cordage and twine.....	2298111-39	22F-18	Home canning closures.....	3461811-49	34D-19
Hardware cloth, wire.....	3315731, 3481731	33A-18, 34E-20	Home incinerators.....	3433671	34B-13
Hardware, general.....	3429111-598	34A-16-17	Hominy, canned.....	2033315	20C-19
Hardware, motor vehicle.....	3429151-55	34A-16	Hominy grits for human consumption....	2041613	20D-13
Hardware, pole-line.....	3644111	36C-15	Homogenizers, dairy machinery.....	3551151	35D-14
Hardwood distillates.....	2861231-61	28F-12	Honey, blended.....	2099925	20I-12
Hardwood plywood.....	2432111-51	24B-12	Honing machines (excluding gear honing)	3541410	35C-14
Hardwood veneer.....	2432511-71	24B-12	Honing machines, gear honing.....	3541310	35C-13
Harness and harness parts.....	3199031	31B-14	Hook and eye fasteners, apparel.....	3964231-41	39C-16
Harps.....	3931498	39B-12	Hoovers: Women's; misses'.....	2339211	23B-19
Harrows, agricultural.....	3522410	35A-14	Hormone preparations, pharmaceutical...	2834811-98	28C-11
Harvesting machinery.....	3522500	35A-15	Horns, automotive, replacement parts...	3717600	37A-12
Hat bodies, fur-felt.....	2352171-75	23C-26	Horns, exponential.....	3651351	36D-17
Hat bodies, wool-felt.....	2352122	23C-26	Horse-drawn vehicles.....	3799213, 98	37C-19
Hat boxes, luggage.....	3161021-29	31B-13	Horse meat, fresh.....	2011X11	20A-12
Hatchets.....	3423231	34A-16	Hose:		
Hat findings, men's.....	2398231	23E-18	Fire, except rubber.....	3569098	35E-21
Hatmaking machinery.....	3559589	35D-17	Fire, cotton, rubber lined.....	3069241-45	30A-16
Hats and caps, uniform, women's.....	2352221	23C-26	Flexible, metal.....	3599061	35A-22
Hats, men's; boys':			Plastic.....	3079211-19	30A-18
Cloth.....	2352212	23C-26	Rubber.....	3069211-71	30A-16
Fur-felt.....	2352181	23C-26	Hose fittings and couplings.....	3429562	34A-17
Straw.....	2352111-13	23C-26	Hose supporters.....	2389021	23D-20
Wool-felt.....	2352141	23C-26	Hosiery, full-fashioned.....	2251111-231	22B-21
Hats, trimmed, women's; misses', and children's.....	2351011-98	23C-26	Hosiery, seamless.....	2252113-498	22B-21
Hatters' fur.....	2398251	23E-18	Hospital furniture.....	3841091-95	38A-21
Haying machinery.....	3522600	35A-16	Hospital utensils:		
Hay knives.....	3423211	34A-16	Cast-aluminum.....	3361075	33D-24
Head board beds.....	2511513	25A-16	Stamped and spun.....	3461405-551	34D-19
Heading, cooperage stock.....	2429051, 71	24A-14	Vitreous-enamelled.....	3461111	34D-18
Headlights, motor-vehicle.....	3642471-75	36C-13	Hot plates, electric, domestic.....	3634329	36B-16
Headwear, made from purchased knit fabric.....	2352241	23C-26	Hot plates, gas, domestic.....	3631215	34B-14
Hearing aids, electric.....	3842411	38A-22	Hot-rolled bars and bar shapes, steel..	3312441	33A-16
Heat exchangers, industrial.....	3443111-15	34C-20	Housecoats.....	2384071-79	23D-19
			House furnishings, nec, except knit....	2211812-045, 2392621-098	22A-14-15, 23E-16
			Household washable apparel: women's, misses', and juniors'.....	2339211	23B-19
			Household furniture:		
			Metal, except upholstered.....	2514111-498	25A-17



Product	Code	Page	Product	Code	Page
Household furniture--Continued			Instruments--Continued		
Metal, upholstered.....	2514451-59	25A-13	Electrical integrating.....	3611111-61	36A-17
Reed; rattan.....	2519032	25A-18	Electrical test and measuring.....	3611212-385	36A-17
Wood, except upholstered.....	2511111-798	25A-16	Laboratory; scientific.....	3811261	38A-20
Wood, upholstered.....	2512112-98	25A-17	Mechanical measuring.....	3821111-671	38A-20-21
Household utensils:			Motor-vehicle.....	3821411-98	38A-20
Cast-aluminum.....	3361071-75	33D-24	Musical: except piano and organs....	3931411-98	39B-12
Stamped and spun.....	3461401, 3461513-19	34D-19	Ophthalmic.....	3851098	38A-22
Vitreous-enameled.....	3461111	34D-19	Optical.....	3831011-98	38A-21
House slippers.....	3142011-79	31A-17	Surgical; medical; veterinary.....	3841012-81	38A-21
Houses, prefabricated metal.....	3449218	34C-22	Insulated wire and cable.....	3337413-998	33D-22-23
Houses, prefabricated wood.....	2433211	24B-13	Insulating materials, cork.....	2499431	24C-16
Hub caps, automobile, stamped.....	3461313	34D-19	Insulating wallboard.....	2661112-14	26A-14
Huck toweling, cotton.....	2211431	22A-14	Insulation:		
Hydrated lime.....	3274051	32D-14	Asbestos.....	3293331-51	32E-16
Hydraulic brake fluid.....	2992611-51	29A-14	Cork products.....	2499431	24C-16
Hydraulic chairs, barber-shop.....	3999311	39E-16	Exfoliated vermiculite.....	3296141-49	32E-17
Hydrochloric acid.....	2819441-47	28A-12	Mineral wool.....	3296111-298	32D-17
Hydrocyanic acid.....	2819451	28A-20	Rubber.....	3099598	30A-17
Hydrofluoric acid.....	2819461-65	28A-20	Insulation products, chemical.....	2899355	28G-17
Hydrogen: compressed; liquefied.....	2813423-25	28A-17	Insulators, electric: glass.....	3229479, 3231639	32A-13-14
Hydrogen peroxide.....	2819939	28A-22	Insulators, electrical, porcelain.....	3264011-31	32C-10
Hydrol (20° moisture basis).....	2046073	20D-15	Insulin, pharmaceutical preparations...	2834831	28C-11
Hypodermic needles and syringes.....	3841063-71	38A-21	Integrating instruments, electrical....	3611111-61	36A-17
Hypotensives.....	2834771	28C-10	Intercommunication equipment, electrical.....	3662311	36D-19
<b>I</b>			Intermediates, coal-tar.....	2815111	28A-18
Ice bags, rubber or rubberized fabric..	3069771	30A-17	Internal combustion engines, aircraft..	37221-- , 2--	37B-11
Ice cream.....	2024011	20B-16	Internal combustion engines, automotive, rebuilt.....	3717711	37A-12
Ice cream cones and cups.....	2052231	20E-14	Internal combustion engines, (except aircraft; automotive).....	3519100-650	35A-12
Ice cream freezers, industrial.....	3551173	35D-14	Investment steel castings.....	3323061	33B-11
Ice cream mix and ice milk mix.....	2023412	20B-16	Iodine (crude; resublimed).....	2819940	28A-22
Ice-making machines.....	35851--	35G-17	Iodine, tincture of.....	2834929	28C-11
Ice, manufactured.....	2097011-51	20I-11	Iron--		
Ice skates.....	3949298	39B-13	Compounds, chemical.....	2819942-44	28A-22
Ices, water.....	2024051	20B-16	Forgings: wrought.....	3391000	33E-9
Ignition apparatus, internal combustion engines.....	3694111-698	39E-12-13	Oxide pigments.....	2816331	28E-18
Ignition harness and cable sets.....	3694111-51	36E-12	Pipe, cast.....	3321211-311	33B-11
Incandescent lamp making machinery....	3559589	35D-17	Powder.....	3399198	33E-9
Incandescent lamps (bulbs).....	3641010-39	36C-12	Ironers, commercial laundry.....	3582026	35G-15
Incense.....	2899385	28G-17	Ironers, household equipment.....	3633211	36B-15
Incinerators, home.....	3433671	34B-13	Irons: branding, marking.....	3953098	39C-15
Incubators, infants.....	3842198	38A-22	Irons, electric: household.....	3634352-69	36B-16
Incubators, poultry equipment.....	3522831	35A-17	Irrigation pipe, concrete.....	3272141	32D-14
Induction furnaces and heating equipment.....	3567313-15	35E-21	Irrigation pipe, sheet-metal.....	3444211	34C-22
Industrial controls.....	3622012-98	36A-20	<b>J</b>		
Industrial furnaces and ovens.....	3567111-261	35E-20	Jackets:		
Industrial process instruments.....	3821311-98	38A-20	Girls', teen-age girls', children's, except leather.....	2363095	23C-27
Ingot:			Girls'; teen-age girls'; children's, leather.....	2386053	23D-20
Aluminum-base alloy.....	3334111, 3341111, 3352011	33C-17	Heavy outerwear, men's, boys': except leather; sheep-lined.....	23291--	23A-28
Copper-base alloy.....	3341231	33C-16	Men's, boys', leather; sheep-lined...	2386013-23	23D-20
Lead alloys.....	3332321-98, 3341331-98	33C-16	Men's and boys', tailored dress; including uniform.....	2311312-75, 451	23A-26
Steel.....	3312201	33A-16	Women's; juniors'; and misses: except fur or leather.....	2337420	23B-19
Zinc alloy.....	3333461, 3341411	33C-17	Women's; misses': fur.....	2371011	23D-19
Inked ribbons.....	3955011-19	39C-15	Women's; misses'; juniors', leather..	2386053	23D-20
Ink, printing.....	2893011-98	28G-16	Jacks, hydraulic, general industrial...	3569098	35E-21
Ink rollers, printing machinery.....	3555272	35D-16	Jacks, mechanics' hand service tool...	3423198	34A-15
Ink: writing; stamp pad.....	2899372	28G-17	Jams and preserves, pure.....	2033811-15	20C-21
Innersoles, footwear cut stock.....	3131017-18	31A-15	Japanning metal products.....	3479051	34D-19
Inner tubes, rubber.....	3011421-27	30A-15	Jar rings, rubber.....	3069537	30A-17
Inorganic acids, except nitric and sulfuric.....	2819411-98	28A-20	Jellies, pure.....	2033821-25	20C-21
Insecticides, agricultural.....	2873011-77	28F-13-14	Jet propulsion engines, aircraft.....	37221-- , 2--	37B-11
Insecticides and repellants, household.	2842112-42	28D-13	Jet propulsion fuel.....	2911151	29A-13
Insect wire screening, nonferrous.....	3357323-29, 3481713-19	33D-22, 34E-20	Jewelers' findings.....	3912011-51	39A-10
Insect wire screening, steel.....	3315721, 3481711	33A-18, 34E-20	Jewelers industry machinery.....	3559589	35D-17
Instruments (see also specific kind):			Jewelry cases.....	3172051	31B-14
Aircraft engine, except flight.....	3821111	38A-20	Jewelry, costume.....	3961011-98	39C-16
Aircraft flight.....	3811111	38A-20	Jewelry, precious metal.....	391112-298	39A-10
Dental, hand.....	3843057	38A-22	Jewels: cutting, polishing, resetting..	3913011-31	39A-10



Product	Code	Page	Product	Code	Page
Jigs (machine tool accessories).....	3544112	35C-17	Ladders:		
Job stampings, automotive.....	3461313	34D-19	Step, metal.....	3499041	34E-23
Job stampings, except automotive.....	3461211-98	34D-18-19	Structural, metal.....	3449115	34C-22
			Wooden.....	2499570-79	24C-17
Joints, rail, carbon steel.....	3312041	33A-17	Lakes (color).....	2815311	28A-18
Joints, universal, automotive, replacement parts.....	3717600	37A-12	Lamb and mutton, fresh and frozen.....	2011312-52	20A-12
Joints, universal, except motor vehicle.....	3566325	35E-20	Laminated glass.....	3211311-71, 3231111-98	32A-12-14
Joists, bar, fabricated metal.....	3449342	34C-23	Laminates, plastic.....	3079711-913	30A-19
Jugs, picnic.....	3429317	34A-17	Lamp--		
Juice extractors, electric, household..	3634378	36B-16	Bases, china; earthenware; stoneware..	3269011-31	32C-10
Juice extractors, fruit and vegetable, canning.....	3551329	35D-14	Black.....	2816385	28A-19
Juices, fruit and vegetable, canned....	2033411-598	20C-19-20	Chimneys.....	3229249, 3231639	32A-13-14
			Components (for bulbs only).....	3699211-21	36E-13
Jute goods, except felt.....	2299211-59	22F-19	Holders, electric.....	3643001-05	36C-14
			Shades: except glass; metal.....	3987011	39D-14
			Shades, glass.....	3229247, 3231639	32A-13-14
<b>K</b>			Lamps:		
Kegs, metal shipping.....	3491111-41	34E-21	Dental.....	3843047	38A-22
Kegs, wooden.....	2445012-59	24C-15	Electric (bulbs).....	3641010-63	36C-12
Kerosene (including range oil).....	2911211	29A-13	Health; therapeutic.....	3642691	36C-14
Key cases.....	3172019	31B-14	Incandescent, portable.....	3642121-32, 261	36C-13
Keyseating machines.....	35418--	35C-14	Kerosene; gasoline.....	3642681	36C-14
Kilns, nonmetallic furnaces.....	3559591-93	35D-17	Landing gears, aircraft.....	3729198	37B-11
Kitchen and table articles, plastic....	3079112	30A-18	Lantern globes, glass.....	3229248, 3231639	32A-13-14
Kitchen--			Lanterns, flashlight.....	3642611	36C-14
Cabinets, metal.....	2514211	25A-17	Lanterns: kerosene; gasoline.....	3642681	36C-14
Cabinets, wood.....	2511410-15	25A-16	Lapidary work.....	3913011-31	39A-10
Cutlery.....	3421121	34A-15	Lapping machines, except gear lapping..	3541410	35C-14
Furniture, metal.....	2514211-71	25A-17	Laps: buffing; polishing.....	3291371	32E-15
Furniture, wood.....	2511391, 93, 2511410-15	25A-16	Lard, rendered and refined.....	2011513-17	20A-12
Utensils, stamped and spun, metal....	3461401-519	34D-19	Lasts: boot; shoe.....	2499531-39	24C-16
Utensils, vitreous-enameled.....	3461111	34D-18	Last sole patterns.....	2499539	24C-16
Kitchenware:			Latex foam.....	3069311-61	30A-16
Pottery products.....	3269040	32C-10	Lath:		
Semivitreous china.....	3263012-52	32C-10	Expanded, metal.....	3449311	34C-23
Vitreous china.....	3262052	32C-10	Gypsum.....	3275111	32D-14
Wooden.....	2499583	24C-17	Paperboard, plaster base.....	2631511	26A-13
Knit fabrics and apparel:			Snow fence.....	2421829	24A-13
Fabrics.....	2256112-219	22B-25	Woven wire.....	3315798, 3481798	33A-18, 34E-20
Gloves and mittens, dress.....	2381141, 45	23D-19	Lathes:		
Gloves and mittens, work.....	2259071, 2381212	23D-19	Metalworking, except home workshop...	3541510	35C-14
Outerwear (see also specific kind)...	2253---	22B-22-23	Metalworking, home workshop.....	35418--	35C-15
Underwear, men's; boys'.....	2254112, 2322112-60	22B-23, 23A-27	Woodworking.....	3553198, 298	35D-15
Underwear, women's and children's....	2254212, 2341201-298	22B-23, 24	Laundry equipment, commercial.....	3582021-81	35G-15
		23C-24	Laundry equipment, domestic.....	3633131-298	36B-15
Knitting machines.....	3552171-75	35D-15	Laundry netting.....	2211110	22A-14
Knitting needles, hand and machine....	3964261-63	39C-16	Laundry sours.....	2899385	28G-17
Knives:			Laundry trays, concrete.....	3272251	32D-14
Cutlery.....	3421111-41	34A-15	Lavatories, enameled iron and metal....	3431011	34B-11
Hay.....	3423211	34A-16	Lavatories, vitreous.....	3261011, 16	32C-10
Hunting and fishing.....	3421198	34A-15	Lavatory fittings, brass goods.....	3432021-27	34B-11
Pocket.....	3421141	34A-15	Lawn fabrics, cotton.....	2211510	22A-14
Surgical.....	3841012	38A-21	Lawn furniture, metal.....	2514311-98	25A-17
Knobs, glass.....	3229483, 3231639	32A-13-14	Lawn furniture, wood.....	2511712-29	25A-16
			Lawnmowers.....	3522711-98	35A-20
			Laxatives.....	2834432-78	28C-10
<b>L</b>			Lead:		
Labels:			Antimonial.....	3332331, 3341321	33C-17
Lithographed.....	2752211-23	27B-14	Castings.....	3369071	33D-24
Printed (letterpress and gravure)....	27511211-15, 820-24	27B-13	Compounds: chemical.....	2819998	28A-23
Unprinted, except gummed.....	2649588	26B-17	Pencils.....	3952111-15	39C-15
Woven.....	2241171	22A-17	Pigments.....	2816211-15, 341-45	28A-18
Laboratory and scientific glassware....	3229481, 3231639	32A-13-14	Refined, unalloyed.....	3332311, 3341311	33C-16
Laboratory equipment, dental.....	3843051	38A-22	Rolling and drawing.....	3356051-59	33D-20
Laboratory furniture.....	3811281-89	38A-20	Smelting and refining.....	3332111-398, 3341311-398	33C-16
Laboratory scales and balances.....	3811271	38A-20	Leads, pencil.....	3952123	39C-15
Lace goods.....	2292011-98	22F-16	Leaf and foil, metal.....	3497021-57	34E-23
Lacquering metal products.....	3479051	34D-19	Leaf springs.....	3493031-61	34E-22
Lacquers.....	2851271-87	28E-8	Leather and leather goods:		
			Artificial.....	2295398	22F-17



Product	Code	Page	Product	Code	Page
Leather and leather goods--Continued			Lotions, cosmetic.....	2844515-19	28D-15
Belting, industrial.....	3121011-51	31A-14	Loudspeakers.....	3651351	36D-17
Clothing.....	2386013-98	23D-20	Lounging pajamas, women's, misses',		
Footwear, except house slippers.....	3141112-798	31A-15-17	juniors'.....	2341331-39	23C-25
			Lounging robes.....	2384011-59	23D-19
Gaskets.....	3293298	32E-16	Lubricating greases.....	2911711,	29A-14
Gloves and mittens, dress.....	3151012-56	31B-13		2992711-51	
Gloves, work.....	3151071-79	31B-13	Lubricating-oil, petroleum base stock..	2911851	29A-13
Goods, small.....	3172011-51	31B-14	Lubricating oils.....	2911611,	29A-14
Hand bags and purses.....	3171011	31B-13		2992611-51	
Luggage.....	3161011, 21,	31B-13	Luggage.....	3161011-98	31B-13
	31, 43-73		Luggage hardware.....	3429532	34A-17
Novelties.....	3199011	31B-14	Lumber--		
Saddlery, harness, and accoutrements:	3199031	31B-14	Dressed, excluding flooring.....	2421211	24A-13
Tanning, finishing.....	3111111-551	31A-14	Flooring, hardwood.....	2426111-98	24A-13
Leavening compounds.....	2099411-71	20I-11	Flooring, softwood.....	2421811	24A-13
Ledgers.....	2782111	27C-15	Rough (except railway cross ties and		
Lehrs.....	3559591-93	35D-17	mine ties).....	2421111	24A-13
Lens blanks, ophthalmic.....	3229485,	32A-13-14	Lumberjackets: men's; boys'.....	23291--	23A-28
	3231639		Lumberman and pacs, rubber footwear....	3021031	30A-15
Lenses:					
Ophthalmic.....	3851032-35	38A-22			
Optical.....	3831011-98	38A-21			
Photographic, projection.....	3831011	38A-21			
Sun-glass, nonprescription.....	3229485,	32A-13-14			
	3231639				
Leotards, full-fashioned.....	2251198	22B-21	Macaroni.....	2098011	20I-11
Leotards, seamless.....	2252198	22B-21	Machetes.....	3423211	34A-16
Letterpress printing.....	2751113-698	27B-13	Machine shop products.....	3599011-98	35G-22
Levels and transits, surveyors.....	3811211	38A-20	Machine tabulation cards.....	2645151	26B-15
Levels, toolroom specialties.....	3545351	35C-18	Machine tools, metal cutting.....	3541110-941	35C-13-14
Lifeboats, nonmilitary.....	3732311	37C-17			
Life preservers, cork.....	2499498	24C-16	Machine tools, rebuilt.....	3541941	35C-15
Life rafts, plastic.....	3079941	30A-19	Machinery accessories, metalworking....	3545112-351	35C-17-18
Life rafts, rubber.....	3069585	30A-17			
Light bulbs, electric, complete.....	3641010-63	36C-12	Machinery (see also specific kind):		
Lighters, cigarette, except precious			Agricultural, except tractors.....	3522300-898	35A-13-20
metal.....	3999361	39E-16	Construction.....	3531110-998	35B-17-19
Lighters, cigarette, precious metal....	3911198, 298	39A-10			
Lighting fixtures.....	3642111-689	36C-13-14	General-industrial, nec, (see also		
			specific kind).....	3569011-98	35E-21
Lighting and electronic glassware.....	3229245-56	32A-13	Metalworking, except machine tools...	3542110-475	35C-15-17
Lightning arresters.....	3643071	36C-14	Mining, except oil-field.....	3532111-375	35B-19-20
Lightweight aggregate (except			Special-industry (see also specific		
vermiculite).....	3295011	32E-16	kind).....	3559111-589	35D-17
Limbs, artificial.....	3842135	38A-21	Machinists' precision measuring tools..	3545211-98	35C-18
Lime.....	3274011-98	32D-14	Mackinaws and mackinaw coats, men's		
Limestone, cut-stone products.....	3281211-98	32D-15	and boys'.....	23291--	23A-28
Limestone, pulverized.....	3295098	32E-17	Magazines published.....	2721111-721	27A-17-18
Linen goods.....	2299271-79	22F-19			
Liniments.....	2834613	28C-10	Magnesite floor composition.....	3299071	32E-18
Linoleum.....	3982111-35	39D-13	Magnesium--		
Linseed oil.....	2093111-31	20H-13	Alloys.....	3339792,	33C-18
Lintels, concrete.....	3272221	32D-14		3341621	
Linters, cottonseed.....	2091311	20H-13	Castings.....	3369011-41	33D-24
Lipstick.....	2844521	28D-15	Compounds, chemical.....	2819948-49	28A-22
Liquefied petroleum gases.....	2911511-98	29A-13	Rolling and drawing.....	3356041-45	33D-20
Liquers.....	2085331	20G-14	Smelting and refining, unalloyed.....	3339711,	33C-17
Liquors: distilled; rectified; blended	2085111-381	20G-14		3341661	
Liquors, malt.....	2082014-81	20G-13	Magnet wire, insulated.....	3357720-29	33D-23
Listers, agricultural.....	3522420	35A-14-15	Magnetos, ignition.....	3694551-59	36E-12
			Mailing machines, postal permit.....	3579010	35F-11
Litharge.....	2816345	28A-18	Maintenance equipment, automotive.....	3548411	35C-19
Lithium compounds.....	2819998	28A-23	Malleable-iron castings.....	3322021-31	33B-11
Lithograph plates (made for others)....	2752711	27B-14	Malt.....	2083011-21	20G-13
Lithographing (except books and			Malt beverages.....	2082014-81	20G-13
pamphlets).....	2752111-711	27B-14	Malt extract.....	2082091	20G-13
Lithopone.....	2816261	28A-18	Malted milk powder.....	2023111	20B-16
Livestock feeds, prepared.....	2042210-59	20D-14	Mandolins.....	3931498	39B-12
Living room furniture:			Manganese compounds, chemical.....	2819950-52	28A-22
Upholstered, metal.....	2514451	25A-17	Manicure preparations.....	2844531-39	28D-15
Wooden, except upholstered.....	2511111-298	25A-16	Manicure scissors and implements.....	3421161	34A-15
Wooden, upholstered.....	2512112-51	25A-17	Manifold business forms.....	2761111-351	27B-14-15
Lockers: wooden; metal.....	2541015,	25B-17			
	2542051		Maps, publishing.....	2741365	27A-20
Locks (builders hardware).....	3429411-98	34A-17	Marble cut-stone products.....	3281301-41	32D-15
Locomotives.....	3741115-351	37C-18	Margarine.....	2096211-19	20H-14
Logs and bolts.....	2411011	24A-13	Marine animal oil mill products.....	2095061-71	20H-14
Looms, power.....	3552164-68	35D-15	Marine hardware.....	3429111	34A-16
Loose-leaf binders; devices.....	2782211-71	27C-15	Marionettes (puppets).....	3999361	39E-16
Loose-leaf forms and fillers.....	2782211	27C-15	Marking devices.....	3953011-98	39C-15



Product	Code	Page	Product	Code	Page
Marmalade, citrus, pure.....	2033841	20C-21	Microfilming equipment, except film....	3861217	38B-10
Marquisesettes: cotton.....	2211510	22A-14	Micrometers.....	3545298	35C-18
Marshmallows, bulk goods.....	2071451	20F-13	Microphones.....	3651355	36D-17
Mascara and eye shadow.....	2844523	28D-15	Mircoprojectors and photomicrographic equipment.....	3831051	38A-21
Masonry cement, prepared or mixed.....	3241031	32B-12	Microscopes.....	3831053	38A-21
Masquerade costumes.....	2389098	23D-20	Military insignia, textile.....	2399041	23E-19
Matches.....	3983012-61	39D-14	Milk bottle closures, die-cut paper and board.....	2645181-85	26B-15
Matrixes.....	2794051	27C-15	Milk bottle closures, metal.....	3461651	34D-19
Mats, asphalted-felt-base.....	3982212-49	39D-13	Milk coolers, farm and dairy (mechanically refrigerated).....	3585372-75	35G-18
Mats, matting and stair treads, rubber.	3069421-25	30A-16	Milk of magnesia.....	2834432	28C-10
Mattress cores, latex foam.....	3069331-35	30A-16	Milk, processed:		
Mattresses, all types.....	2515101-245	20A-18	Canned.....	2023212-16	20B-16
Mattress springs and spring units, unassembled.....	3481313-17	34E-19	Condensed; evaporated; bulk.....	2023141-45, 2023312-16	20B-16
Mayonnaise.....	2035423	20C-21	Drinks, flavored, chocolate, etc....	2026435	20B-17
Meal:			Fluid; fuk; bottled.....	2026112-15, 212-222	20B-16, 17
Alfalfa.....	2042431-35	20D-14	Malted, powder.....	2023111	20B-16
Corn.....	2041311-51	20D-13	Millboard, asbestos-cement.....	3292798	32E-16
Corn oil.....	2046078	20D-15	Millfeeds.....	2041351, 615-17	20D-13
Measuring and dispensing pumps:			Millinery.....	2351011-98	23C-26
gasoline; oil.....	3586011-98	35G-21	Milling machinery, flour mill.....	3551331	35D-14
Measuring instruments:			Milling machines (metal cutting).....	3541610	35C-14
Electrical.....	3611111-385	36A-17	Millwork, exterior, except entrances...	2431831	24B-12
Mechanical.....	3821111-671	38A-20- 21	Mimeograph machines.....	3579010	35F-11
Optical.....	3831071	38A-21	Mincedmeat.....	2032491	20C-17
Meat-packing plant machinery.....	3551311	35D-14	Mineral wool.....	3296111-298	32D-17
Meat packing, plant products.....	2011112-811, 2013612-961	20A-12- 13	Minerals: ground; treated.....	3295631-98	32E-16- 17
Meats:			Miniature engines.....	3941031	39B-12
Canned, except dog and cat food.....	2011811, 2013811	20A-13	Mining cars, underground.....	3532173-75	35B-20
Fresh and frozen.....	2011112-451	20A-12	Mining locomotives.....	3741212-19	37C-18
Prepared, except canned.....	2011612-711, 2013612-711	20A-12- 13	Mining machinery, except oil-field....	3532111-375	35B-19- 20
Mechanical measuring instruments.....	3821111-671	38A-20- 21	Mirror frames.....	2499111-15	24C-16
Mechanical stokers.....	3433654	34B-13	Mirrors, framed or unframed.....	3231511-98	32A-14
Mechanics' hand soaps and pastes, made with detergent.....	2841381	28D-12	Missiles, guided (complete).....	1925111	39E-16
Mechanics' hand soaps and pastes, made with soap.....	2841371	28D-12	Miter box.....	3423398	34A-16
Mechanics' hand tools.....	3423111-198	34A-15	Mittens (see gloves and mittens)		
Medical and surgical instruments.....	3841012-81	38A-21	Mixed feeds, poultry and livestock....	2042101-259	20D-14
Medical sundries, plastic.....	3079933-39	30A-19	Mixers and whippers, food, commercial (except drink mixers).....	3551231	35D-14
Medical sundries, rubber.....	3069711-71	30A-17	Mixers, concrete.....	3531612-31, 3531000	35B-17- 18
Medicinal chemicals, bulk (uncompounded).....	2833151-71	28C-9	Mixers, food, electric, household.....	3634371-78	36B-16
Medicines, pharmaceutical preparations.	2834112-98	28C-9- 11	Mixes, prepared flour.....	2045541-49	20D-13
Mellorine.....	2024071	20B-16	Mobile dwellings.....	3791011	37C-19
Mercury and compounds, inorganic chemicals.....	2819953-59	28A-22	Models, except paper.....	3999361	39E-16
Merry-go-rounds.....	3599098	35G-22	Molasses, beet.....	2063061-81	20F-12
Metal--			Molasses (except refiners' and beet)..	2061061-71	20F-12
Bellows.....	3599081	35G-22	Molasses (refiners').....	2062071	20F-12
Cans (for packaging).....	3411011-85	34A-15	Molding and trim, metal.....	3442311	34C-20
Doors and frames.....	3442112-41	34C-19	Moldings, finished, mirrors: pictures..	2499121	24C-16
Gaskets.....	3293251	32E-16	Moldings, wooden, except picture frames	2431611-51	24B-11
Powders and paste.....	3399111-98	33E-9	Molds for heavy steel ingots.....	3321111	33B-11
Soap pads.....	3291453	32E-15	Molds, industrial.....	3544213-63	35C-17
Stampings.....	3461211-898	34D-18- 19	Molybdenum compounds, chemical.....	2819998	28A-23
Treating compounds.....	2899359	28G-17	Molybdenum, refined, unalloyed.....	3339779, 3341689	33C-17
Window sash and frames.....	3442211-51	34C-20	Monel metal.....	33416--	33C-18
Metal cutting type machine tools.....	3541110-941	35C-13- 15	Mono- and die-glycerides.....	2096121	20H-14
Metalworking machinery (except machine tools).....	3542110-475	35C-15- 17	Monorail conveyor systems.....	3536251	35B-22
Metalworking tools, hand, power driven..	3548211-61	35C-18- 19	Monuments, cut-stone.....	3281131, 331	32D-15
Meters, electric (integrating instruments).....	3611111-61	36A-17	Mops and dusters.....	2392071-75	23E-17
Meters, integrating, except electric...	3821211-98	38A-20	Mortician's goods.....	3988111-398	39D-14
Methanol, natural (wood alcohol).....	2861241	28F-12	Motion-picture equipment, except film..	3861312-98	38B-10- 11
Methyl alcohol, natural.....	2861241	28F-12	Motion picture film.....	3861500	38B-11
Metronome.....	3871161-65	38B-11	Motorbikes.....	3751013-53	37C-19
Mica, ground.....	3295071	32E-16	Motorboats, nonmilitary.....	3732121-219	37C-17
Mica products, sheet, except radio parts.....	3299051	32E-18	Motorcycles.....	3751013-53	37C-19
Microfilm.....	3861500	38B-11	Motor generator sets, automotive.....	3694211-29	36E-12
			Motors:		
			Automotive, starting.....	3694311-71	36E-12
			Electric.....	3621111-298	36A-19
			Land transportation equipment.....	3621311-98	36A-20
			Outboard.....	3519500	35A-12
			Motorscooters.....	3751013-53	37C-19



Product	Code	Page	Product	Code	Page
Motor tillers.....	3522881	35A-18	Nuts, metal, other than standard.....	3452212-52	34D-18
Motor vehicles and parts.....	3717111-600	37A-12	Nuts, metal; standard.....	3452113-19	34D-18
Mouth washes.....	2844471	28D-15	Nuts: salted; roasted; blanched, bulk.	2071611	20F-13
Movements, clock, complete.....	3871153	38B-11	Nylon--		
Movements, watch, complete.....	3871587	38B-12	Fabrics, broad-woven.....	2221610,	22A-15
Mowers, lawn.....	3522711-98	35A-20	815-61,	22C-	
Mucilage.....	2891177	28G-15	2262815-961	11-12	
Mufflers, motor-vehicle, replacement			2284159, 221	22E-13-	
parts.....	3717600	37A-12	Thread.....		
Muriatic (hydrochloric) acid.....	2819441-47	28A-20	Yarn, spun on silk systems.....	2281431	22E-12
Musical instruments, except piano and			Yarns, thrown, filament yarns.....	2282123, 31	22E-13
organ.....	3931411-98	39B-12			
Music, sheet, publishing, exc. book form	2741331	27A-20			
Muslin.....	2211210	22A-14			
Mustard, prepared.....	2035311	20C-21			
Mutton, and lamb, fresh and frozen.....	2011312-52	20A-12			
N					
Nails and spikes, steel.....	3315211-19,	33A-17			
	31				
Naphtha solvents.....	2911051	29A-13			
Naphthalene (byproducts of coke oven)..	3312183	33A-15			
Napkins:					
Fabric.....	2392045	23E-17			
Paper.....	2649331-37	26B-16			
Sanitary.....	2649411	26B-16			
Narrow fabric mills.....	2241111-511	22A-17			
Natural tanning materials.....	2861281-85	28F-12			
Nautical instruments.....	3811121-98	38A-20			
Naval stores, gum.....	2861211-21	28F-12			
Naval stores, wood.....	2861113-98	28F-12			
Navigation aids, electronic.....	3662411	36D-19			
Navigational instruments.....	3811121-98	38A-20			
Neckpieces, fur.....	2371011	23D-19			
Neckties.....	2323021-29,	23A-27			
	41				
Neckwear: women's, misses', and					
juniors'.....	2339311	23B-19			
Needles:					
Hand; machine.....	3964261-69	39C-16			
Hypodermic.....	3841071	38A-21			
Phonograph.....	3679547	36D-21			
Negligees, woven fabrics.....	2341331-39	23C-25			
Neon signs.....	3993111	39E-16			
Netting, fishing, cotton.....	2298315	22F-18			
Netting, woven-wire (poultry, fur					
farm, stucco, etc.).....	3315771,	33A-18,			
	3481771	34E-20			
Newspapers.....	2711101-498	27A-17			
Newsprint.....	2621111	26A-12			
Nickel--					
Base alloys.....	33397--,	33C-18			
	33416--				
Compounds, chemical.....	2819960-61	28A-22			
Refined, unalloyed.....	3339751,	33C-17			
	3341669				
Rolling and drawing.....	3356061-69	33D-20			
Nicotine-containing insecticides.....	2873043	28F-14			
Nightwear:					
Men's; boys'.....	2254122,	23A-27			
	2321512-16				
Women's; children's; knit fabric.....	2254312,	22B-24,			
	2341314-83	23C-25			
Women's; children's; woven fabric....	2341311-372	23C-25			
Nitric acid.....	2819111	28A-20			
Nitrocellulose, plastics materials.....	2821131-39	28B-12			
Nitrogen (gas).....	2813443	28A-17			
Nitroglycerine.....	2892071	28G-15			
Noils; wool and other.....	2297061-65	22F-18			
Nonferrous metals (see specific kind)					
Noodles.....	2098051	20I-11			
Novelties:					
Advertising.....	3993311	39E-16			
Costume jewelry, except precious					
metals.....	3961031, 98	39C-16			
Leather.....	3199011	31B-14			
Paper.....	2649541-47,	26B-16-			
	98	17			
Wood.....	2499581	24C-17			
Nut meats, canned (including peanuts)..	2071631	20F-13			



Product	Code	Page	Product	Code	Page
Outerwear (see specific kind)			Paperboard, laminated or surface coated.....	2645210	26B-15
Outlet boxes, electrical, stamped metal.....	3644313	36C-15	Paperboard mill products, except building board.....	2631112-612	26A-13
Ovens:			Paperboard, special.....	2631511	26A-13
Bakery.....	3551271-75	35D-14	Paper converting equipment.....	3554051-59	35D-16
Cooking, commercial.....	3589111,61	35G-21	Paper-mill machinery.....	3554031-049	35D-16
Industrial metal processing.....	3567143, 241	35E-20	Paper products (see also specific kind):		
Ovenware, glass.....	3229138	32A-13	Abrasive.....	3291315-17, 49-51	32E-15
Overalls:			Asbestos.....	2661212	26A-14
Children's; infants'.....	2369043, 79	23C-28	Bags.....	2643111-351	26B-14-15
Men's; boys'.....	23282--	23A-28	Business machine supplies.....	2649511-17	26B-16
Women's; misses'; juniors.....	2339329	23B-19	Carbon.....	3955031-35	39C-15
Overcoats and topcoats, men's; boys'...	2311212-75, 431	23A-26	Coated; glazed.....	2641111-698	26B-14
Overhead traveling cranes and monorail systems.....	3536211-51	35B-22	Construction.....	2661212	26A-14
Overhead trolley conveyor systems.....	3535131	35B-21	Creped.....	2649261	26B-16
Overshoes, rubber and rubber-soled fabric.....	3021041-45	30A-15	Die-cut.....	2645111-98	26B-15
Oxygen: compressed; liquefied.....	2813451-54	28A-17	Envelopes, except stationery.....	2642011	26B-14
Oxygen tents.....	3842198	38A-22	Gaskets.....	3293243	32E-16
Oysters, canned.....	2031011	20C-17	Mache products, except conduit and pipe.....	2646298	26B-15
Oysters, fresh packaged; frozen.....	2036100-211	20C-21	Mill (except building paper and board).....	2621111-878	26A-12-13
<b>P</b>			Photosensitized.....	3861611-751	38B-11
Packaging machines; except food; tobacco.....	3569011	35E-21	Sanitary tissue stock.....	2621812-62	26A-13
Packaging machines, food.....	3551113-381	35D-14	Stationery.....	2649111-19	26B-16
Packaging machines, tobacco.....	3559539	35D-17	Stencil.....	3955061-98	39C-15
Packing:			Toilet.....	2649341-55	26B-16
Asbestos.....	3293311-19	32E-16	Waxed, household.....	2641231	26B-14
Leather.....	3121061	31A-14	Wrapping.....	2641511-81, 2649261-98	26B-14, 16
Metallic and semimetallic.....	3599071	35A-22	Paper ruling.....	2782161	27C-15
Rubber.....	3069545	30A-17	Parachutes.....	2399081	23E-19
Packing-plant machinery.....	3551311	35D-14	Paraffin wax.....	2911061-81	29A-13
Packing-plant products.....	2011112-2013961	20A-12-13	Parasols.....	3995011	39E-16
Packing rings: carbon; graphite.....	3624083	36A-21	Paris green, insecticide.....	2873013	28F-13
Paddings and upholstery filling.....	2295013-59	22F-16	Parking meters.....	3821651	38A-15
Padlocks, builders' hardware.....	3429411	34A-17	Particle board.....	2499361-65	24C-16
Pads:			Partitions, prefabricated, wood.....	2541011	25B-17
Asbestos.....	3292798	32E-16	Partitions, toilet, metal.....	2542013	25B-17
Excelsior.....	2429089	24A-14	Passenger automobiles.....	3717111	37A-12
Felt.....	2291011-58	22F-16	Passenger, train cars, new.....	3742111-98	37C-18
Soap, metal.....	3291453	32E-15	Pasteurizers, dairy machinery.....	3551141-45	35D-14
Stamp.....	3953098	39C-15	Pastries.....	2051511	20E-12-14
Table, quilted.....	2392038	23E-17	Patterns:		
Pails:			Except industrial and paper.....	3999361	39E-16
Metal, except shipping.....	3461861-81	34D-19	Industrial.....	3565011-98	35E-19
Metal, shipping.....	3491111-41	34E-21	Paper.....	2649581	26B-17
Vulcanized fiber.....	2655298	26C-14	Pavers (construction machinery).....	3531634, 3531000	35B-17-19
Wooden, coopered.....	2445059	24C-15	Paving mixtures: asphalt; tar.....	2951051	29A-14
Paint-making machinery.....	3559589	35D-17	Peanut butter.....	2099945	20I-12
Paint removers.....	2852061-65	28E-8	Peanut oil.....	2093262-67	20H-13
Paint sprayers.....	3561531-51	35E-18	Pearl essence pigments.....	2816361	28A-18
Paints and varnishes, except artists'..	2851111-471	28E-7-8	Pearls, imitation.....	3961081	39C-16
Pajamas:			Pectin (100 grade, dry basis).....	2099951	20I-12
Lounging.....	2341331-39	23C-25	Pedal pushers, women's, misses', and juniors'.....	2339329	23B-19
Men's; boys'.....	2254122, 2321512-16	22B-23, 23A-27	Pelts, hides and skins.....	2011911-98	20A-12
Women's; children's; woven fabrics...	2341321-31, 52, 72	23C-25	Pencil leads.....	3952123	39C-15
Palladium compounds.....	2819998	28A-23	Pencil slats.....	2499563	24C-17
Pallets and skids, metal.....	3537071	35B-22	Pencils, mechanical.....	3951053-55	39C-15
Pallets, wood, including wood and metal	2499261-63	24C-16	Pencils, nonmechanical.....	3952111-15	39C-15
Pamphlets, publishing.....	2731141-45	27A-19	Pen holders.....	3951063	39C-15
Panelboard (750 volts and under).....	3613311-12	36A-19	Penicillin, bulk, un compounded.....	2833183	28C-9
Panels, plywood, laminated.....	2432415-98	24B-12	Penicillin, pharmaceutical preparations	2834232-36	28C-9
Panels, prefabricated buildings, metal.	3449251	34C-22	Penpoints.....	3951063	39C-15
Panels, prefabricated building; wooden.	2433171	24B-13	Pen sets, desk.....	3951019	39C-15
Panties and bloomers.....	2254212, 2341201-298	22B-23-24, 23C-24	Pens, fountain, ball point and (dip) type.....	3951011-19	39C-15
Pants:			Peppermint oils.....	2899315	28G-16
Baby, plastic; rubberized.....	2385071	23D-20	Perchloric acid.....	2819498	28A-20
Baby, rubber.....	3069853	30A-17	Percolators, electric.....	3634314-18	36B-15
Dress: separate, men's and boys'....	2327112-51	23A-28	Perfumes, toilet water, and colognes...	2844211-35	28D-14
Work, men's and boys'.....	23282--	23A-28	Periodicals.....	2721111-721	27A-17-18
Paperboard boxes.....	2651010-98, 2652011	26C-14			



Product	Code	Page	Product	Code	Page
Perlite, lightweight aggregate.....	3295011	32E-16	Pipe hangers and pipe supports.....	3494471	34E-23
Permanent wave solutions.....	2844331-39	28D-15	Pipes, tobacco.....	3999341	39E-16
Permanent waving equipment (except wave solutions, etc.).....	3999311	39E-16	Piques, fine cotton goods.....	2211510	22A-14
Permissibles, explosives.....	2892013	28G-15	Pistols and revolvers.....	1951232	39E-17
Personal safety devices (see also specific kind).....	3842311-71	38A-22	Pistons; piston rings.....	3599021-55	35G-22
Petrolatum.....	2911011	29A-13	Planers, metalworking, machine tools...	35418-	35C-14
Petroleum-refinery machinery and equipment.....	3559511	35D-17	Planes (edge tools).....	3423281	34A-16
Petroleum refining.....	2911111-951	29A-13-14	Planing machines, woodworking.....	3553198, 298	35D-15
Petroleum waxes.....	2911061-81	29A-13	Planters, agricultural.....	3522300	35A-13
Petticoats and half-slips.....	2254212, 23412011-298	22B-23-24, 23C-24	Plasters, adhesive, medicated and nonmedicated.....	3842124	38A-21
Pews, church.....	2531231	25B-16	Plasters, industrial, gypsum.....	3275211	32D-14
Pharmaceutical preparations.....	2834111-998	28C-9-11	Plastic clay refractories.....	3255061	32B-12
Phonograph needles.....	3679547	36D-21	Plastic nonclay refractories.....	3297071	32E-17
Phonograph records.....	3652012-61	36D-18	Plastic wood preparations.....	2899363	28G-17
Phonographs.....	3651110	36D-17	Plasticizers, synthetic organic.....	2818351	28A-19
Phosphate rock, defluorinated.....	2871171	28F-12	Plastics materials.....	2821111-598	28B-12-13
Phosphates, sodium.....	2819732-39	28A-21	Plastics products (see also specific kind).....	3079112-998	30A-18-20
Phosphoric acid.....	2819481-85	28A-20	Plastics-working machinery.....	3559311-98	35D-17
Phosphorus and compounds.....	2819962-67	28A-22	Plate glass.....	3211211	32A-12
Photocopying and microfilming equipment	3861212-25	38B-10	Plate:		
Photoengraving equipment.....	3555265	35D-16	Mill shape, aluminum.....	3352213-15	33D-18
Photoengraving plates made for others..	2795011	27C-15	Mill shape, copper.....	3351213, 35	33D-18
Photographic chemicals, prepared.....	3861811	38B-11	Mill shape, nonferrous.....	3356041-75	33D-20
Photographic equipment and supplies....	3861111-811	38B-10	Mill shape, steel.....	3312321	33A-16
Photographic lighting equipment.....	3641021-25	36C-12	Plate steel, fabricated.....	3443211-98	34C-20
Photographic paper and cloth.....	3861611-751	38B-11	Plates:		
Piano benches.....	2511298	25A-16	Earthenware.....	3263012	32C-10
Piano and organ parts.....	3931311-51	39B-12	Glass.....	3229118, 32, 3231635	32A-13-14
Pianos.....	3931111-51	39B-12	Lithograph (made for others).....	2752711	27B-14
Piccalilli.....	2035233	20C-21	Molded pulp.....	2646251	26B-15
Piccolos.....	3931411	39B-12	Paper; stamped.....	2654311	26C-14
Pickers, cotton.....	3522500	35A-15	Photographic.....	3861566	38B-11
Pickles and pickle products.....	2035211-61	20C-21	Rotogravure.....	2751871	27B-13
Pickles, unfinished (salt stock).....	2035371	20C-21	Toolmakers, metalworking.....	3545351	35C-18
Pick mattocks.....	3423331	34A-16	Vitreous-china.....	3262013-15	32C-10
Picnic chests, coolers and jugs.....	3429317	34A-17	Wall, switch and outlet.....	3644263-65	36C-15
Picture frames.....	2499111-15	24C-16	Wood.....	2499583-84	24C-17
Pictures, framed.....	2499151	24C-16	Platforms, footwear.....	3131061	31A-15
Pies, dessert.....	2051411	20E-12-14	Plating and polishing metal products...	3471011	34D-19
Pies, meat, frozen.....	2037321	20C-22	Platinum compounds.....	2819998	28A-23
Pig iron.....	3312191	33A-15	Platinum, refined, unalloyed.....	3339331, 3341551	33C-17
Pigments, color, inorganic.....	2816111-392	28A-18-19	Playground equipment.....	3949285	39B-13
Pigments, synthetic organic.....	2815311	28A-18	Playing cards.....	2751681, 2752647	27B-13-14
Pile, upholstery, rayon.....	2221111, 811-61, 2262811-961	22A-15, 22C-11-12	Playshoes.....	3141159, 481-89	31A-15-16
Piling, wood, treated.....	2491111, 911	24C-16	Playshorts: women's, misses', and juniors'.....	2339329	23B-19
Pillow and industrial tubing.....	2211210	22A-14	Play suits: girls'; children's; infants'.....	2253361, 2369043, 79	22B-23, 23C-28
Pillow cases, cotton.....	2211853, 2392853	22A-14, 23E-16	Play suits: women's; misses'; juniors'	2339329	23B-19
Pillows, except foam rubber.....	2392051-59	23E-17	Pliers, dental.....	3843057	38A-22
Pillows, latex foam rubber.....	3069341-45	30A-16	Pliers, hand tools.....	3423111	34A-15
Pilots, automatic.....	3811111	38A-20	Plows, agricultural.....	3522420	35A-14-15
Pin-ball machines.....	3999212	39E-16	Plows, snow, road maintenance machinery	3531981	25B-17
Pins:			Plug caps, electric wiring.....	3643021	36C-14
Cotter.....	3452181	34D-18	Plugs, spark.....	3694411-31	36E-12
Hair; safety, etc.....	3964281-89	39C-16	Plugs, telephone.....	3661261	36D-18
Jewelers' findings.....	3912011	39A-10	Plumbing and heating valves, except plumbers' brass goods.....	3494311-498	34E-23
Piston.....	3599098	35G-22	Plumbing fixture fittings and trim (brass goods).....	3432011-98	34B-11
Precious metal.....	3911131, 231	39A-10	Plumbing fixtures, metal.....	3431011-98	34B-11
Pipe:			Plumbing fixtures, vitreous-china.....	3261011-51	32C-10
Cast iron.....	3321211-51, 311	33B-11	Plumes.....	3962011	39C-16
Clay.....	3259111	32B-13	Plywood.....	2432111-498	24B-12
Concrete.....	3272111-98	32D-14	Plywood, prefinished, except particle board.....	2432415-98	24B-12
Copper; copper-base alloy.....	3351215, 37	33D-18	Plywood products (see specific kind)		
Fabricated.....	3498011	34E-23	Pocketbooks, women's.....	3171011-98	31B-13
Irrigation (sheet-metal).....	3444211	34C-22	Pole-line hardware.....	3644111	36C-15
Lead; lead-base alloy.....	3356055	33D-20	Poles, wood products.....	2411098	24A-13
Plastic.....	3079231-35	30A-18	Polishers, power driven hand tools.....	3548226, 48	35C-18-19
Stove and furnace, sheet-metal.....	3444331-35	34C-22			
Steel, welded and heavy riveted.....	3312601, 3317601	33A-16, 19			



Product	Code	Page	Product	Code	Page
Polishing and buffing machine tools....	3541410	35C-14	Pressed or blown glassware, except glass containers.....	3229115-498, 3231651-98	32A-13-14
Polishing and buffing wheels.....	3291371	32E-15	Presses:		
Polishing and dusting cloths, plain....	2392071	23E-17	Clayworking.....	3559541	35D-17
Polishing cloths, chemically treated...	2842451	28D-14	Dental.....	3843051	38A-22
Polishing machines, floor, household type.....	3639331	36B-17	Dry cleaning equipment.....	3582057	35G-15
Polishing machines, floor, industrial..	3589235	35G-21	Laundry.....	3582027	35G-15
Polishing preparations and related products.....	2842411-98	28D-14	Metalworking.....	3542210	35C-15-16
Polishing units, dental.....	3843051	38A-22	Printing.....	3555111-41	35D-16
Polyethylene film, unsupported.....	2821452-59, 3079461-69	28B-13, 30A-18	Special industry.....	3559---	35D-17
Popcorn, candied.....	2071200, 312-71, 451, 511	20F-13	Pressure cookers:		
Poplins, cotton.....	2211310, 510	22A-14	Cast aluminum, except steam commercial.....	3361071	33D-24
Porcelain electrical products.....	3264011-98	32C-10	Commercial.....	3589129, 71	35G-21
Porcelain enameled products.....	3461111-98	34D-18	Domestic, stamped and spun.....	3461401	34D-19
Porcelain products for chemical use...	3269061	32C-10	Electric, household.....	3634349	36B-16
Porch furniture:			Pressure sensitive tape, except rubber.	2641411-71	26B-14
Metal.....	2514311-98	25A-17	Pressure sensitive tape, rubber.....	3069551	30A-17
Reed, rattan, wicker, and cane.....	2519032	25A-18	Pretzels.....	2052151	20E-14
Wood.....	2511712-29	25A-16	Primary batteries.....	3692011-85	36E-11
Porch shades, except canvas.....	2591281	25B-17	Printers' rolls.....	3555272	35D-16
Pork, fresh and frozen.....	2011412-51	20A-12	Printing:		
Pork, processed and cured.....	2011612-61, 2013612-61	20A-12-13	Commercial (job): letterpress; gravure.....	2751113-898	27B-13
Portable power-driven hand tools, metalworking.....	3548211-61	35C-18-19	Engraving process.....	2753012-52	27B-14
Portland cement.....	3241011	32B-12	Fabric, cotton.....	2261751, 951	22C-11
Post hole diggers and augers, hand tools.....	3423398	34A-16	Fabric, man-made fibers.....	2262851-55, 951-55	22C-11
Post hole diggers and augers, tractor-mounted.....	3531983	35B-17	Lithography.....	2752111-698	27B-14
Postage stamp machines, automatic merchandising.....	3581212	35G-15	Printing ink.....	2893011-98	28G-16
Potassium--			Printing paper, coated.....	2641111-55	26B-14
Carbonate.....	2812459	28A-17	Printing presses.....	3555111-41	35D-16
Compounds (except bleaches, alkalies, and alums).....	2819713-17	28A-21	Prisms, lighting, glass.....	3229256, 3231639	32A-13-14
Hydroxide.....	2812421-23	28A-17	Prisms, photographic and projection...	3831011	38A-21
Potato chips.....	2099211	20I-11	Process cheese.....	2022011, 2025211	20B-16
Potentiometers, electronic type components.....	3679598	36D-22	Projectors, motion picture, equipment..	3861321-41, 91	38B-10-11
Pottery ware: art; decorative; novelty	3269011-31	32C-10	Projectors, still picture equipment...	3861161-67	38B-10
Pottery ware: chemical; technical; industrial.....	3269061	32C-10	Propeller blades.....	3723031	37B-11
Poultry and small game.....	2015111-511	20A-13-14	Propeller parts, except propeller blades.....	3723051	37B-11
Poultry, canned.....	2015413-19	20A-14	Propellers, aircraft, complete.....	3723011	37B-11
Poultry equipment (farm use).....	3522831	35A-17	Public address systems, complete.....	3651391	36D-18
Poultry feeds.....	2042101-56	20D-14	Public building furniture.....	2531112-298	25B-16-17
Poultry netting, wire.....	3315771, 3481771	33A-18, 34E-20	Publishing:		
Powder actuated hand tools.....	3548261	35C-19	Books and pamphlets.....	2731111-645	27A-18-19
Powder:			Miscellaneous.....	2741111-398	27A-20
Black blasting.....	2892011	28G-15	Newspapers.....	2711101-498	27A-17
Face, foot, talcum, toilet.....	2844541-48	28D-15	Periodicals.....	2721111-721	27A-17-18
Metal.....	3399111-98	33E-9	Pulp goods: pressed; molded.....	2646111-298	26B-17
Washing, containing synthetic organic detergents.....	2841518, 618	28D-13	Pulp-mill machinery.....	3554021-29	35D-16
Washing, containing soap.....	2841224, 324	28D-12	Pulp mill products, except tall oil...	2611111-289	26A-12
Powder puffs.....	2399098	23E-19	Pulp, other than wood.....	2611281-85	26A-12
Power transformers, electric.....	3612211-19	36A-18	Pulp; wood.....	2611111-279	26A-12
Power-transmission equipment, automotive, replacement parts.....	3717600	37A-12	Pulpwood.....	2411031	24A-13
Power-transmission equipment, mechanical, except automotive.....	3566115-398	35E-19-20	Pulverizers, agricultural machinery...	3522410	35A-14
Power wire and cable, insulated.....	3357811-39	35D-23	Pumice, abrasive.....	3291253	32E-15
Precision measuring tools.....	3545211-98	35C-18	Pump jacks, domestic water systems....	3561330-60	35E-17
Prefabricated buildings; metal.....	3449215-18	34C-22	Pumps:		
Prefabricated buildings; wooden.....	2433211-98	24B-13	Agricultural spray.....	3522891	35A-19
Prepared meats, including canned.....	2011612-811, 2013612-811	20A-12-13	Domestic, hand.....	3561330-60	35E-17
Preservatives: wood; textile.....	2852011	28E-8	Fuel; water (automotive) replacement parts.....	3717600	37A-12
Preserving, wood.....	2491111, 911	24C-16	Gasoline dispensing.....	3586011-13	35G-21
Preserves.....	2033811-15	20C-21	Grease.....	3586041	35G-21
Pressboard.....	2661311	26A-14	Industrial.....	3561101-79	35E-16
			Oil-well; oil-field (except boiler-feed).....	3561511-15	35E-18
			Windmill.....	3561330-60	35E-17
			Punched card system machines.....	3571212	35F-10
			Punches, metalworking.....	3542120	35C-16



Product	Code	Page	Product	Code	Page
Punches, paper, hand.....	3579010	35F-11	Razor blades.....	3421251	34A-15
Punching and shearing machines, metal-working.....	3542110	35C-16	Razors, electric.....	3634211	36B-15
Purses, women's.....	3171011-98	31B-13	Razors, except electric.....	3421211	34A-15
Push and hand carts.....	3799231	37C-19	Ready-cut buildings; panels.....	2433141-71	24B-13
Putty.....	2852051	28E-8	Ready-whipped cream.....	2026261	20B-17
Pyrethrin-containing dusts; sprays.....	2873043	28F-14	Reagent chemicals, inorganic.....	2819911	28A-21
Pyrotechnics and fireworks.....	2899329	28G-16	Reagent chemicals, organic.....	2818537	28A-19
<b>Q</b>			Reamers, metalworking.....	3545131-35	35C-17
Quarry tile.....	3253071	32B-12	Rebuilt automotive engines and parts (except carburetors).....	3717711	37A-12
Quartz, ground or otherwise treated....	3295098	32E-17	Rebuilt locomotives.....	3741351	37C-18
Quebracho extracts.....	2861281	28F-12	Rebuilt machine tools.....	3541941	35C-15
Quick-frozen fruits, juices, and vegetables.....	2037111-298	20C-21-22	Rebuilt passenger and freight train cars.....	3742331-51	37C-18
Quicklime.....	3274011	32D-14	Rebuilt typewriters.....	3572010	35F-10
Quilted products.....	2392023-38	23E-17	Reciprocating pumps.....	3561101-03	35E-16
Quinine and salts.....	2833121	28C-9	Reclaimed rubber.....	3031011-51	30A-15
<b>R</b>			Record players.....	3651110	36D-17
Rabbits, dressed.....	2015511	20A-14	Recording blanks.....	3652091	36D-18
Raceways and fittings, metal.....	3644235	36C-15	Records, phonograph.....	3652012-81	36D-18
Racing forms, published.....	2741398	27A-20	Rectifying apparatus, except electronic application.....	3629221-98	36A-22
Rackets, tennis.....	3949298	39B-13	Rectifying valves, X-ray.....	3693052	36E-12
Racks, clothing.....	2541098, 2542098	25B-17	Reels for wire and cable, wooden.....	2499585	24C-17
Radar equipment.....	3662511	36D-20	Refining-nonferrous metals: Alloys.....	3341111-641	33C-16-18
Radiators:			Aluminum, unalloyed.....	3334211	33C-17
Electric.....	3634349	36B-16	Copper, unalloyed.....	3331211, 3341211	33C-16
Heating, cast iron.....	3433330-50	34B-12	Lead, unalloyed.....	3332311, 3341311	33C-16
Motor-vehicle, replacement parts.....	3717600	37A-12	Zinc smelter products.....	3333111-461, 3341401-11	33C-16-17
Radio receiving sets, home-type.....	3651110	36D-17	Refining petroleum.....	2911111-951	29A-13-14
Radio receiving-type tubes.....	3671011-51	36D-20	Refining, sugar cane.....	2062007-79	20F-12
Radio transmitting apparatus.....	3662112-18	36D-19	Refractories, clay.....	3255011-98	32B-12
Radium compounds.....	2819998	28A-23	Refractories, nonclay.....	3297012-98	32E-17
Rafts, life, plastic.....	3079941	30A-19	Refrigeration machinery.....	35851--, 3585312-798	35C-16-20
Rafts, life, rubber.....	3069585	30A-17	Refrigerator and stove hardware.....	3429565	34A-17
Rail bonds, propulsion and signal circuit.....	3643073	36C-14	Refrigerators, household.....	3632111-29	36B-14
Rail joints and tie plates.....	3312041	33A-17	Registers, autographic.....	3579010	35F-11
Railroad car hardware.....	3429198	34A-16	Registers, cash.....	3571212	35F-10
Railroad cars, new.....	3742111-298	37C-18	Relays, circuit.....	3613191-94	36A-18
Railroad locomotives, service-type, new	3741111-91	37C-18	Relays, switchboard.....	3613131	36A-18
Rails, carbon steel.....	3312041	33A-17	Residual fuel oil.....	2911411-98	29A-13
Railway maintenance of way equipment...	3531921	35B-17	Resins, synthetic, except for protective coatings.....	2821313-93	28B-12
Railway signals, electric.....	3662321-29	36D-19	Resistance-welding equipment.....	3623311-81	36A-21
Railway specialties, steel castings....	3323012-13, 51	33B-11	Resistors, except radio and TV.....	3622081	36A-20
Raincoats:			Resistors, radio and TV.....	3679311-55	36D-21
Girls', teen-age girls', and children's, except rubber.....	2385061	23D-19	Respirators, except hospital.....	3842198	38A-22
Men's and boys', except rubber.....	2385011-18	23D-19	Respirators, hospital.....	3841081	38A-21
Rubber.....	3069858	30A-17	Restaurant furniture.....	2599041-49	25B-18
Women's; misses'; juniors', except rubber.....	2385051-58	23D-19	Retainers, oil and grease, leather....	3121071	31A-14
Raisins.....	2034011	20C-21	Retorts, carbon.....	3297035	32E-17
Rakes, hand tools.....	3423341	34A-16	Revolvers and pistols.....	1951232	39E-17
Rakes, haying machinery.....	3522600	35A-16	Rheostats, except radio and TV.....	3622081	36A-20
Ramie yarn, thread and textiles.....	2299200	22F-19	Ribbons, textile, woven.....	2241181	22A-17
Range boilers.....	3433652	34B-13	Ribbons, typewriter.....	3955011	36C-15
Ranges and ovens, household.....	3631113-298	36B-14	Rice, mill products.....	2044011-98	20D-14-15
Rasps and files.....	3423361-71	34A-16	Rifles (under 30 mm).....	1951252-56	39E-17
Rat poisons.....	2842171	28D-13	Rifle working machines.....	35418--	35C-14
Rattan furniture.....	2519032	25A-18	Rigs; oil, gas-field, portable.....	3533411-17	35B-21
Rattan ware, except furniture.....	2499511-19	24C-16	Ring blanks, jewelers' findings.....	3912011	39A-10
Rayon textiles:			Rings and ring mountings, except precious metal.....	3961011	39C-16
Broad-woven fabrics.....	2221111-512, 2262811-961	22A-15, 22C-11-12	Rings and ring mountings, precious metal.....	3911112-15, 211	39A-10
Narrow woven fabrics.....	2241111-98	22A-17	Rings, piston.....	3599041-55	35G-22
Noils.....	2297065	22F-18	Riveters, power-driven hand tool.....	3548226, 48	35C-18-19
Thread.....	2284159, 221	22E-13-14	Riveting machines (except power-driven)	3542311	35C-17
Tops.....	2297045	22F-17	Rivets, metal.....	3452151-57	34D-18
Yarns (spun on cotton; woolen and worsted systems).....	2269025, 2281311-41	22C-12, 22E-12	Road-construction machinery, except tractors.....	3531612-998, 3531000	35A-17-19
Yarn (viscose; cuprammonium process).	2823211-39	28B-14			



Product	Code	Page	Product	Code	Page
Road oil.....	2911031	29A-13	S		
Roasted coffee.....	2099511-35	20I-11			
Roasters, electric.....	3634324	36B-16	Sacks, shipping: paper.....	2643311-51	26B-15
Robes; girls'; children's; infants'....	2369011, 49	23C-28	Sacques.....	2253162, 2369072	22B-22, 23C-28
Robes, men's and women's.....	2384011-59	23D-19	Saddlery.....	3199031	31B-14
Rodent poisons.....	2842171	28D-13	Safe deposit boxes.....	3492041	34E-22
Rods:			Safes and vaults.....	3492013-98	34E-22
Aluminum.....	3352411	33D-18	Safety devices and equipment, personal.	3842311-71	38A-22
Copper and copper-base alloy.....	3351211, 31	33D-18	Safety pins.....	3964287	39C-16
Curtain and drapery.....	2591117	25B-17	Safety razors.....	3421211	34A-15
Fishing.....	3949114	39B-13	Sailboats.....	3732311	37C-17
Nonferrous mill shapes, except copper and aluminum.....	3356041-75	33D-20	Sails, canvas.....	2394098	23E-18
Welding, gas.....	3548321-31	35C-19	Salad dressings, including mayonnaise..	2035412-41	20C-21
Wire, steel.....	3312221	33A-16	Sales books.....	2761311-51	27B-15
Rolled oats.....	2043053	20D-14	Sal soda.....	2812459	28A-17
Roller bearings.....	3562211-98	35E-18	Salt cake (crude).....	2819765	28A-21
Rollers, ink.....	3555272	35D-16	Salt, edible.....	2899111	28G-16
Rollers, paint.....	3981271	39D-13	Salts and alkaloids, medicinal.....	2833121-28	28C-9
Rollers (road construction machinery)..<	3531000	35B-19	Sandals, women's, except rubber.....	31414--	31A-16
Rolling and drawing:			Sanding and scrubbing machines, floor..	3589242	35G-21
Aluminum, except wire.....	3352213-655	33D-18	Sand-lime products.....	3299061	32E-18
Copper, including bare wire.....	3351111-237	33D-18	Sandpaper.....	3291315, 49	32E-15
Nonferrous metal, other.....	3356041-75	33D-20	Sandwich spreads (salad dressing base).	2035445	20C-21
Steel, cold rolled and finished.....	3312701-801, 3316701-801	33A-16, 19	Sanitary napkins and tampons.....	2649411-51	26B-16
Steel, hot rolled.....	3312301-601	33A-16	Saran, monofilament.....	28242--	28B-14
Rolling-mill machinery.....	3548115-55	35C-18	Sardines, canned.....	2031011	20C-17
Rolls for rolling mills, iron castings.	3321431	33B-11	Sash balance strips.....	3429431	34A-17
Rolls for rolling mills, steel castings	3323015, 55	33B-11	Sash:		
Rolls, printers.....	3555272	35D-16	Storm and screen and storm combina-	3442411-31	34C-20
Rompers and creepers.....	2253361, 2369043-79	22B-23, 23C-28	tion, metal.....		
Roof drainage equipment.....	3444123-29	34C-22	Storm and screen and storm combina-	2431251-71	24B-11
Roofing, asphalt.....	2952311-17	29A-14	tion, wooden.....		
Roofing coatings.....	2952251-55	29A-14	Window, metal, excluding combination	3442211-51	34C-20
Roofing coil, aluminum.....	3352227-28	33D-18	screen and storm sash.....		
Roofing felts.....	2952351-55	29A-15	Window, wooden, except storm and	2431211-15	24B-11
Roofing, sheet-metal.....	3444111-15	34C-21	screen and storm combination.....	2211210, 510	22A-14
Roof ventilators (sheet-metal).....	3444315	34C-22	Sateens.....	2221210	22A-15
Rope:			Satins, viscose and acetate (gray	2035351	20C-21
Abaca.....	2298111-15	22F-18	goods).....	2035200	20C-21
Agave.....	2298122	22F-18	Sauces for meat, except tomato.....	2035200	20C-21
Asbestos.....	3292731	32E-16	Sauerkraut, bulk.....	2033276	20C-19
Other textile fiber.....	2298129	22F-18	Sauerkraut, canned.....	2011711-33, 2013711-33	20A-13
Synthetic fiber.....	2298217	22F-18	Sausage.....	2013911-61	20A-13
Wire, steel, noninsulated.....	3315111-31, 3481111-31	33A-17, 34E-19	Sausage casings, natural.....	3079981	30A-19
Rosettes (wiring device).....	3643098	36C-15	Sausage casings, synthetic.....	3425011-49	34A-16
Rosin, gum.....	2861221	28F-12	Saw blades.....	35418--	35C-15
Rosin, wood.....	2861131	28F-12	Sawing and cut-off machines, machine	3553112	35D-15
Rotary pumps.....	3561172-79	35E-16	tools.....	2421111-999	24A-13-14
Rotators, antenna.....	3679598	36D-22	Sawmill equipment.....		
Rotenone dusts, sprays.....	2873043	28F-14	Sawmills and planning mills, general...		
Rotogravure plates.....	2751871	27B-13	Sawmills, hardwood dimensions and	2426111-286	28A-13-14
Rotogravure printing.....	27517898	27B-13	flooring.....		
Rouge (excluding lip rouge).....	2844522	28D-15	Saws:		
Row boats.....	3732311	37C-17	Hand operated.....	3425041-49	34A-16
Rubber and rubber goods (see also			Power-driven, portable (except chain		
specific kind):			saws).....	3548221	35C-18
Bands.....	3069873	30A-17	Power, metalworking, except portable	35418--	35C-15
Cement.....	3069864-65	30A-17	and home workshop.....		
Clothing, finished.....	3069841-58	30A-17	Power, woodworking (except sawmill	3553167, 221	35D-15
Dolls.....	3942013	39B-12	equipment).....		
Footwear.....	3021011-98	30A-15	Scaffolding equipment, wood, except	2499579	24C-17
Gaskets.....	3293231	32E-16	ladders.....	3449300	34C-23
Druggist; medical sundries.....	3069711-71	30A-17	Scaffolds, metal.....	3576011-83	35F-10-11
Mechanical.....	3069511-98	30A-16-17	Scales and balances, except laboratory.		
Processing chemicals.....	2818331	28A-19	Scales and balances, laboratory.....	3811271	38A-20
Reclaimed.....	3031011-51	30A-15	Scarfs, except fur: women's.....	2339311	23B-19
Synthetic (chemical).....	2822011-51	28B-13	Scarfs, fur.....	2371011	23D-19
Tape.....	3069551	30A-17	Schiffli-machine embroideries.....	2397012	23E-18
Thread, fabric-covered.....	2241511	22A-17	School furniture.....	2531112-39	25B-16
Rubber-working machinery.....	3559411-98	35D-17	Scientific instruments (see also		
Rugs, woven, except wool.....	2271211-31	22D-8	specific kind).....	3811111-261	38A-20
Rugs, woven, wool.....	2271111-27	22D-8	Scissors, excluding manicure.....	3421153	34A-15
Rules, slide.....	3811211	38A-20	Scissors and implements, manicure.....	3421161	34A-15
Ruling, paper.....	2782161	27C-15	Scooters, children's.....	3943098	39B-12
Rum.....	2085149	20G-14	Scooters, motor.....	3751013-53	37C-19
			Scouring and combing mill products....	2297017-81	22F-17-18



Product	Code	Page	Product	Code	Page
Scrap books.....	2782131	27C-15	Sheets and pillowcases.....	2211812-53, 2392812-59	22A-14, 23E-16
Scrapers (construction machinery).....	3531000	35B-19	Sheets, except housefurnishings:		
Scrapple.....	2011791, 2013791	20A-13	Aluminum.....	3352223-28	33D-18
Screening, wire (insect) nonferrous....	3357323-29, 3481711-19	33D-22, 34E-24	Asbestos-cement.....	3292741-51	32E-16
Screening, wire (insect) steel.....	3315721, 3481711	33A-18, 34E-20	Copper and copper-base alloy.....	3351213, 35	33D-18
Screenings and breeze.....	3312121	33A-15	Cork, except floor and wall covering.	2499498	24C-16
Screen process printing, except textiles.....	2751911-98	27B-13	Felt, pressed wool.....	2291011-19	22F-16
Screens:			Nonferrous, other than copper and aluminum.....	3356041-75	33D-20
Arc welding.....	3842331	38A-22	Plastic, laminated.....	3079711-841	30A-19
Motion-picture projection.....	3861351	38B-10	Steel, cold rolled.....	3312701, 3316701	33A-16, 19
Ornamental, household, wood.....	2511298	25A-16	Steel, hot rolled.....	3312301	33A-16
Window, metal framed.....	3442531	34C-20	Shellac, bleached (not varnish).....	2851431	28E-8
Window, wood framed.....	2431871	24B-12	Shellac, varnish.....	2851167, 260	28E-7-8
Screw drivers, hand tools.....	3423141	34A-15	Shelving.....	2541015, 2542031	25B-17
Screw drivers, power-driven hand tools.	3548226, 48	35C-18- 19	Sherbet.....	2024091	20B-16
Screw machine products.....	3451012-98	34D-18	Shingles:		
Screws, standard type.....	3452123-37	34D-18	Asbestos-cement.....	3292411-51	32E-16
Scythes.....	3423211	34A-16	Asphalt or tar saturated felt.....	2952315-31	29A-14- 15
Sea food:			Wooden.....	2429001-09	24A-14
Canned.....	2031011-31	20C-17	Shipping bags or sacks.....	2643311-51	26B-15
Fresh packaged.....	2036211	20C-21	Shipping containers, metal.....	3491111-331	34E-21- 22
Frozen.....	2036100	20C-21	Ship repair, nonmilitary.....	3731613-59	37C-17
Sealed beam headlights, vehicular.....	3642471-75	36C-13	Ship repair, U. S. military.....	3731413-19	37C-17
Seals, marking.....	3953031	39C-15	Ship sections, prefabricated, metal....	3441311, 61	34C-19
Seamless hosiery.....	2252113-498	22B-21	Ships.....	3731110-310	37C-17
Searchlights.....	3642513	36C-13	Shirts:		
Seat covers, auto.....	2399012-19	23E-18	Men's and boys', knit.....	2253212, 2321261	22B-22, 23A-26
Seats, public conveyance.....	2531211	25B-16	Men's and boys', woven fabric, except work shirts.....	2321412-14	23A-26- 27
Seats, stadium and bleacher.....	2531261	25B-17	Women's; misses'; woven fabric.....	2331710	23B-19
Seeders, broadcast, agricultural machinery.....	3522300	35A-13	Work.....	23281--	23A-28
Seersucker fabrics, cotton.....	2211410, 510	22B-17, 18	Shock absorbers, motor-vehicle, replacement parts.....	3717600	37A-12
Selenium compounds.....	2819997	28A-23	Shoe--		
Selsyns.....	3621553-98	36A-20, 24	Findings, except rubber and plastic..	3131061-69	31A-15
Semifinished steel shapes and forms....	3312221	33A-16	Findings, plastic.....	3079945-47	30A-19
Separators:			Findings, rubber, elastomer resin....	3069611-51	30A-17
Battery, rubber.....	3069515	30A-16	Lasts.....	2499531-39	24C-16
Battery, wooden.....	2499598	24C-17	Polishes and cleaners.....	2842442-44	28D-14
Cream (farm dairy).....	3522810	35A-16	Trees.....	2499539	24C-16
Cream (food products machinery).....	3551122	35D-14	Shoemaking machinery.....	3559562	35D-17
Industrial, except cream.....	3569098	35E-21	Shoes:		
Septic tanks, metal.....	3443571	34C-21	Athletic.....	3141711	31A-17
Serums.....	283111-227	28C-9	Leather.....	3141111-711	31A-15- 17
Set-up boxes, paperboard.....	2652011	26C-14	Rubber (canvas).....	3021011-15	30A-15
Sewer pipe and fittings, clay.....	3259111	32B-13	Snow.....	3949298	39B-13
Sewer pipe, concrete.....	3272121-25	32D-14	Shook, wood: box; crate.....	2441211-59	24C-15
Sewing machines:			Shopping bags, paper.....	2643151	26B-14
Domestic.....	3636011-51	36B-16	Shortening.....	2096112-17	20H-14
Industrial, except shoe-sole stitching.....	3636071	36B-16	Shorts and briefs, men's and boys'....	2322151-57	23A-27
Shoe-sole stitching.....	3559562	35D-17	Shotguns (under 30 mm).....	1951262-64	39E-17
Shades:			Shoulder pads, suits; coats.....	2398211, 311	23E-18
Lamp: except glass, metal.....	3987011	39D-14	Shovels, hand.....	3423311	34A-16
Lighting, glass.....	3229247, 3231639	32A-13- 14	Shovels, power.....	3531000	35B-18
Porch, except canvas.....	2591281	25B-17	Show cases, nonrefrigerated.....	2541031, 2542061	25B-17
Window.....	2591112	25B-17	Show cases, refrigerated.....	3585322-32	35G-18
Shakes, wood.....	2429001-09	24A-14	Shower bath curtains.....	2392011-15	23E-17
Shampoos.....	2844312-19	28D-15	Shrimp, canned.....	2031011	20C-17
Shantungs, rayon (gray goods).....	2221410	22A-15	Siding:		
Shapers, metalworking machine tools....	3541310, 35418--	35C-13, 15	Asbestos-cement.....	3292411	32E-16
Shapers, woodworking machinery.....	3553171, 298	35D-15	Asphalt.....	2952331-35	29A-15
Shavers, dry, electric.....	3634211	36B-15	Sheet metal.....	3444116-19	34C-22
Shaving brushes.....	3981325	39D-13	Signaling devices, electric.....	3662321-49	36D-19
Shaving preparations.....	2844131-59	28D-14	Signal wire and cable.....	3357911	33D-23
Shearing machines, power.....	3542110	35C-16	Signboards, wooden.....	2499598	24C-17
Shears, hand.....	3421153-55	34A-15	Signs and advertising displays.....	3993111-311	39E-16
Sheep-lined clothing.....	2386013-98	23D-20	Silica brick and shapes.....	3297012	32E-17
Sheeting, rubberized.....	3069815	30A-17	Silica gel.....	2819969-70	28A-22
Sheetings, cotton woven.....	2211210, 2261711-951	22A-14, 22C-11	Silicofluoride, sodium.....	2819751	28A-21
Sheet-metal work.....	3444111-398	34C-21- 22	Silicates, sodium compound.....	2819741-45	28A-21



Product	Code	Page	Product	Code	Page
Silk broad-woven fabrics.....	2221712-861, 2262815-961	22A-15, 22C- 11-12	Socks, women's children's.....	2252314-25, 336-45, 498	22B-21
Silk-system yarns.....	2281431	22E-12	Soda ash.....	2812231-51	28A-17
Silk thread.....	2284159, 231	22E-13- 14	Soda fountain equipment.....	3585711	35G-20
Silk throwing; twisting.....	2282125, 35, 65	22E-13	Sodium-- Bicarbonate, finished.....	2812231	28A-17
Silo staves, concrete.....	3272241	32D-14	Carbonate.....	2812231-51	28A-17
Silo staves, wooden.....	2499598	24C-17	Compounds, other than bleaches, alkalies, and alums.....	2819721-87	28A-21
Silver and silver-base alloys.....	3339561, 3341571	33C-17	Hydroxide (caustic soda).....	2812351-77	28A-17
Silver compounds, chemical.....	2819971-73	28A-23	Sofas: Household, wood.....	2512112, 41	25A-17
Silver, unalloyed: refined.....	3339551, 3341531	33C-17	Office, metal.....	2522151	25B-16
Silverware and plated ware.....	3914111-261	39A-10	Office, wood.....	2521019	25B-16
Sink fittings, brass goods.....	3432031-35	34B-11	Soft drinks, bottled and canned.....	2086012-93	20G-14- 15
Sinks, metal.....	3431011	34B-11	Softwood distillation.....	2861113-98	28F-12
Sirup: Cane sugar.....	2061051	20F-12	Soil pipe, cast iron.....	3321311	33B-11
Corn.....	2046011-15	20D-15	Solder.....	3332351, 3341351	33C-16
Maple, pure.....	2099955	20I-12	Soldering irons, electric.....	3423381	34A-16
Refiners.....	2062071-79	20F-12	Soles: Leather.....	3131011-18	31A-15
Sirups: Chocolate.....	2072892-96, 2099892-96	20F-14	Rubber.....	3069631	30A-17
Flavoring.....	2087313-459	20G-16	Plastic.....	3079946	30A-19
Sweetening, mixed or blended.....	2099311-51	20I-11	Sole stitching machines.....	3559562	35D-17
Sizes: rosin; dextrine; other.....	2891195-98	28G-15	Soling slabs, plastic.....	3079947	30A-19
Skates, roller and ice.....	3949284, 98	39B-13	Soling slabs, rubber.....	3069651	30A-17
Skids, wood and metal combination.....	2499267	24C-16	Soluble oils.....	2843031	28D-14
Skids, wooden.....	2499265	24C-16	Sorting machines, card.....	3571212	35F-10
Skins, hides and pelts.....	2011911-98	20A-12	Soup, canned and frozen.....	2032253-59, 2037371	20C-17
Skirts: girls, teen-age girls', children's; toddlers'.....	2369049, 79	23C-28	Soup mix, dehydrated.....	2034011	20C-21
Skirts: women's; misses'.....	2337410	23B-19	Soybean oil.....	2092111-31	20H-13
Skis and ski equipment.....	3949298	39B-13	Soy flour.....	2092231	20H-13
Ski suit: girls'; children's; infants'	2363073-74	23C-27	Space heaters, electric, household....	3634343-46	36B-16
Ski suits: women's; misses', and juniors'.....	2339329	23B-19	Space heaters, electric, industrial....	3567359	35E-21
Skylights and cornices, sheet-metal....	3444311	34C-22	Spades, hand.....	3423311	34A-16
Slacks, girls', and teen-age girls' and children's.....	2369043	23C-28	Spaghetti, with or without meat, canned	2032430-34	20C-17
Slacks: women's; misses'; and juniors'	2339329	23B-19	Spaghetti, except canned.....	2098011	20I-11
Slack suits: Girls', teen-age girls' and children's.....	2369043	23C-28	Sparkling wines, including champagne...	2084031	20G-13
Men's and boys'.....	2329241	23A-28	Spark plugs, automotive and aircraft type.....	3694411-31	36E-12
Women's, misses', and juniors'.....	2339329	23B-19	Special industrial fasteners.....	3452212-52	34D-18
Slag, blast furnace.....	3312192	33A-15	Special-industry machinery, nec (see also specific kind).....	3559111-589	35D-17
Slag, crushed.....	3295031	32E-16	Specialty cleaning and sanitation products.....	2842307-98	28D-13
Slate products.....	3281361	32D-15	Spectographs; spectrometers; spectrophotometers.....	3831071	38A-21
Sleds, children's.....	3943071	39B-12	Speed changers, except motor vehicle...	3566211-39	35E-20
Sleeping bags.....	2399031	23E-19	Speedometers, motor vehicles.....	3821411	38A-20
Slide rules.....	3811211	38A-20	Spices, ground.....	2099935-37	20I-12
Slip covers, fabric.....	2392062-69	23E-17	Spikes, wire and cut, steel.....	3315211-19, 31	33A-17
Slippers, house.....	3142011-79	31A-17	Spinning frames, textile.....	3552142-46	35D-15
Slips and gertrudes.....	2254212, 2341201-298	22B-23- 24, 23C-24	Spirits, beverage (except fruit).....	2085131	20G-14
Slotting machines.....	35418--	35C-14- 15	Splint baskets for fruits and vegetables.....	2443081	24C-15
Small leather goods.....	3172011-51	31B-14	Sponge and foam rubber goods.....	3069311-71	30A-16
Smocks.....	2339211	23B-19	Sponge, chemically blown.....	3069371	30A-16
Smoked fish.....	2031051- 71	20C-17	Sponges, cellulose.....	2821251	28B-12
Smoking jackets.....	2384011	23D-19	Spools, fibre.....	2655271	26C-14
Smoking tobacco.....	2131011-12	21A-11	Spools, textile-machinery turnings....	3552211	35D-15
Snake bite outfits.....	3842361	38A-22	Spools, wooden (excluding textile- machinery spools).....	2499565	24C-17
Snap fasteners.....	3964211-19	39C-16	Sporting goods (see also specific kind)	3949114-298	39B-13
Snow fence.....	2499598	24C-17	Spot lights, floodlighting equipment...	3642515	36C-13
Snow suits; girls', children's and infants'.....	2363073-74	23C-27	Spot lights, vehicular.....	3642411-15	36C-13
Snow suits; women's; misses'; and juniors'.....	2339329	23B-19	Sprayers, agricultural.....	3522891	35A-19
Snuff.....	2131051-55	21A-11	Sprayers, paint.....	3561531	35E-18
Soap pads, metal.....	3291453	32E-15	Springs, steel, except wire.....	3493011-98	34E-22
Soap and detergents, except specialty cleaners.....	2841112-653	28D-12	Springs, wire, steel.....	3481211-398	34E-19
Sockets, tube.....	3679531	36D-21	Sprinkler systems, automatic, fire- fighting.....	3569098	35E-21
Socks, men's and boys'.....	2252211-61, 311, 332-34	22B-21	Sprockets, power-transmission equipment	3566341	35E-20
			Stacks, smoke or other, steel plate....	3443431	34C-20
			Stackers, industrial.....	3537051	35B-22
			Stadium and bleacher seats.....	2531261	25B-17
			Stains, wood.....	2851171, 261	28E-7-8
			Stairs, prefabricated metal.....	3449115	34C-22
			Stairways, moving.....	3534051	35B-21



Product	Code	Page	Product	Code	Page
Stairwork, wood.....	2431821-25	24B-12	Street lighting equipment.....	3642551, 71-81	36C-13
Stampings, job, automotive.....	3461513	34D-19	Stretchers, shoe.....	2499539	24C-16
Stampings, job, except automotive.....	3461211-98	34D-18-19	Strip:		
Stamp pad ink.....	2899372	28G-17	Copper and copper-base alloy.....	3351213, 35	33D-18
Stamp pads.....	3953098	39C-15	Nonferrous, other than copper.....	3356041-75	33D-20
Stamps, hand.....	3953011-31	39C-15	Steel, cold rolled.....	3312701, 3316701	33A-16, 19
Stands, music.....	3931431	39B-12	Steel, hot-rolled.....	3312301	33A-16
Staples, steel wire.....	3315223	33A-17	Strollers, baby.....	3943015	39B-12
Starch, corn.....	2046031-33	20D-15	Strontium compounds.....	2819998	28A-23
Starch, potato, Irish.....	2046041	20D-15	Structural-		
Stationery: except printed; engraved...	2649111-19	26B-16	Clay products, nec.....	3259111-298	38B-13
Statuary (factory production).....	3299081	32E-18	Members, fabricated: wooden.....	2433121-29	24B-13
Staves, barrel.....	2429041, 61	24A-14	Shapes and pilings, steel.....	3312431	33A-16
Steam--			Shapes, rolled aluminum.....	3352431	33D-18
Condensers.....	3443151	34C-20	Steel, fabricated.....	3441111-81	34C-19
Engines and turbines.....	3511112-255	35A-12	Stucco.....	3299073	32E-18
Tables, commercial.....	3589131, 81	35G-12	Studio couches.....	2515611	25A-18
Turbine generator set units.....	3511112-39	35A-12	Stuffed toy animals.....	3942051	39B-12
Turbines, mechanical drive.....	3511221-29	35A-12	Styli, cutting.....	3679547	36D-21
Stearic acid.....	2894011-21	28G-16	Submarines.....	3731210	37C-17
Stearin, animal, edible.....	2011X41	20A-12	Sugar:		
Steatite electrical products.....	3264041	32C-10	Beet, refined.....	2063001-51	20F-12
Steel products (see also specific kind):			Cane, raw.....	2061011	20F-12
Boilers, power.....	3443312-32	34C-20	Cane, refined.....	2062007-61	20F-12
Castings.....	3323012-61	33B-11	Corn.....	2046016-17	20D-15
Cold-rolled, sheet and strip.....	3312701, 3316707	33A-16, 19	Sugar-plant machinery.....	3551341	35D-14
Forgings.....	3312911-41, 3391111-951	33A-17, 33E-9	Suitcases.....	3161031-39	31B-13
Rolling mill products, cold-rolled...	3312701-801, 3316701-801	33A-16, 19	Suites, furniture (see specific kind)		
Rolling mill products, hot-rolled....	3312301-601	33A-16	Suit findings: men's and boys'.....	2398211	23E-18
Shapes and forms, semifinished.....	3312221	33A-16	Suits:		
Wire, plain or coated.....	3312501, 3315501	33A-16, 17	Bathing, girls' children's, infants'.	2253319, 2369013	22B-23, 23C-28
Steel wool, except metal soap pads....	3291431	32E-15	Bathing, men's; boys'.....	2253341, 2329212	22B-23, 23A-28
Steel wool metal soap pads.....	3291453	32E-15	Bathing, women's, misses', and juniors'.....	2253319, 2339322	22B-23, 23B-19
Stemware.....	3229115, 31, 35, 3231631	32A-13-14	Dress, girls', children's, infants'..	2363091, 96-97	23C-27
Stencil paper.....	3955061-98	39C-15	Dress, men's; boys'.....	2311111-75, 411	23A-26
Stencils, marking.....	3953098	39C-15	Dress, women's, misses', and juniors'	2337211-16	23B-19
Stepladders, metal.....	3499041	34E-23	Play: girls'; children's; infants'..	2253361, 2369043, 79	22B-23, 23C-28
Stepladders, wooden.....	2499571	24C-17	Play: women's; misses'; and juniors'	2339322-29	23B-19
Stereotyping.....	2794031	27C-15	Ski: girls' and children's.....	2363073-74	23C-27
Stereotyping machinery and equipment...	3555263	35D-16	Ski: women's; misses'; and juniors'..	2339329	23B-19
Sterilizers, dental.....	3843098	38A-22	Snow: girls'; children's; and infants'.....	2363073-74	23C-27
Sterilizers; hospital; surgical.....	3842115	38A-21	Snow: women's; misses'; and juniors'	2339329	23B-19
Still gas.....	2911041	29A-13	Sun: girls'; children's; infants'...	2253361, 2369043, 79	22B-23, 23C-28
Stock, cooperage.....	2429041-71	24A-14	Union: men's; boys'.....	2322121-25	23A-27
Stockings:			Union: women's; children's.....	2341239	22B-24 23C-24
Elastic.....	3842138	38A-21	Wash: boys'.....	2329241	23A-28
Full-fashioned.....	2251111-231	22B-21	Wash: toddlers', woven fabric.....	2369043, 79	23C-28
Seamless.....	2252113-498	22B-21	Sulfonamides, pharmaceutical preparations.....	2834971-73	28C-11
Stokers, mechanical.....	3433654	34B-13	Sulfonated oils and fats.....	2843011	28D-14
Stone products, cut.....	3281111-398	32D-11	Sulfur compounds.....	2819975-77	28A-23
Stones, lapidary work.....	3913011-31	39A-10	Sulfur-containing fungicides.....	2873015-17	28F-13
Stoneware, table and kitchen articles..	3269040	32C-10	Sulfur, refined.....	2819977	28A-23
Stone-working machinery.....	3559589	35D-17	Sulfuric acid.....	2819311-71	28A-20
Stools:			Sun--		
Dental.....	3843047-51	38A-22	Glasses.....	3851051	38A-22
Factory, wood, metal.....	2599098	25B-18	Glass frames.....	3851098	38A-22
Household, metal.....	2514251	25A-17	Lamps.....	3642691	36C-14
Household, wood.....	2511393	25A-16	Suits: girls'; children's; infants'.	2253361, 2369043, 79	22B-23, 23C-28
Laboratory.....	3811289	38A-20	Superphosphates.....	2871115-71	28F-12
Restaurant.....	2599041-45	25B-18	Surface active agents, bulk.....	2843081-91	28D-14
School.....	2531139	25B-16	Surgical and orthopedic appliances....	3842111-98	38A-21-22
Stoppers, cork.....	2499411	24C-16	Surveying instruments.....	3811211	38A-20
Storage batteries.....	3691112-298	36E-11	Suspenders.....	2389011	23D-20
Store fixtures.....	2541031-98, 2542061-98	25B-17	Sutures, surgical, sterile.....	3842133-34	38A-21
Store fronts, metal.....	3442351	34C-20	Sweaters:		
Store fronts, vitreous-enameled.....	3461141	34D-18	Girls'; children's; infants'.....	2253162, 2369072	22B-22 23C-28
Storm sash, wooden.....	2431271	24B-11			
Stove pipe, sheet-metal.....	3444335	34C-22			
Stoves and ranges, cooking, domestic...	3631113-298	36B-14			
Stoves, heating, domestic, except electric.....	3433400	34B-12			
Straw hats.....	2352111-17	23C-26			
Straws, drinking, except glass.....	2654321	26C-14			
Street cars.....	3742313	37C-18			



Product	Code	Page	Product	Code	Page
Sweaters--Continued			Tanks--Continued		
Men's; boys'.....	2253112-29	22B-22,	Sheet-metal.....	3444362-64	34C-22
	2329261	23A-28	Water heaters (sold separately).....	3433661	34B-13
Women's; misses'; juniors'.....	2253131-49,	22B-22,	Tannic acid, natural.....	2818551	28A-19
	2339342	23B-19	Tanning assistants and finishes.....	2843011-71	28D-14
Sweepers:			Tanning extracts, natural.....	2861281-85	28F-12
Carpet, except electric.....	3589261	35G-21	Tanning, leather.....	3111111-551	31A-14
Electric, commercial and industrial..	3584011-98	35G-15	Tape recorders.....	3651331	36D-17
Electric, household.....	3635011-31	36B-16	Tapes:		
Sweeping compounds.....	2842398	28D-13	Adhesive, surgical.....	3842124	38A-21
Sweet yeast goods, all types.....	2051213-98	20E-12-14	Cellophane.....	2641451	26B-14
Swimwear (see bathing suits)			Friction: rubber.....	3069551	30A-17
Switchboard and switchgear apparatus...	3613111-493	36A-18-19	Gummed.....	2641311-15	26B-14
Switchboards, telephone.....	3661111	36D-18	Magnetic, for recorders.....	3679557	36D-22
Switches:			Pressure sensitive, except rubber...	2641411-71	26B-14
Electric-power: knife; time	3613321-29	36A-19	Pressure sensitive, rubber.....	3069551	30A-17
Except knife, time, solenoid, and			Woven.....	2241151-59	22A-17
automotive.....	3643023-39	36C-14	Tapping machines.....	35418--	35C-15
Radio and TV.....	3679532	36D-21	Tar (coal-tar distillation).....	2814011	28A-18
Synchronous converters.....	3621511	36A-20	Tar, crude, (byproduct coke-oven)....	3312151	33A-15
Synchros.....	3621553	36A-20, 24	Tarpaulin covers.....	2394051	23E-18
Synthetic			Tartaric acid.....	2818211	28A-19
Organic detergents.....	2841511-653	28D-13	Tartar sauce.....	2035441	20C-21
Organic fibers, noncellulosic.....	28241--,	28B-14	Tea, packaged.....	2099981	20I-12
	28242--		Teeth, artificial.....	3843031-35	38A-22
Resins, except protective coatings...	2821313-93	28B-12	Telephone and telegraph apparatus....	3611111-271	36D-18
Resins, protective coatings.....	2821531	28B-13	Telescopes, celestial.....	3831031	38A-21
Rubber.....	2822011-51	28B-13	Television cameras.....	3662231	36D-19
Syringes, hypodermic.....	3841063-65	38A-21	Television receivers, home-type.....	3651220	36D-17
			Television transmitters.....	3662221	36D-19
			Temperature controls, automatic.....	3822011	38A-21
			Tennis equipment.....	3949253-98	39B-13
			Tents, canvas.....	2394031	23E-18
			Terne plate (short ternes).....	3312321	33A-16
			Terra cotta (architectural).....	3259221	32B-13
			Test equipment, electrical.....	3611212-98	36A-17
			Testing instruments, physical		
			properties..	3821351	38A-20
			Textbooks.....	2731111-16	27A-18
				19	19
				2843011-71	28D-14
			Textile assistants and finishes.....		
			Textile bags, except laundry and		
			wardrobe.....	2393012-98	23E-18
			Textile bags, laundry and wardrobe....	2392081	23E-17
			Textile machinery.....	3552113-298	35D-14-15
			Textile mill products, except apparel:		
			Broad-woven fabric: cotton.....	2211110-761,	22A-14,
				2261711-971	22C-11
			Broad-woven fabric: silk; synthetic		
			fiber.....	2221111-861,	22A-15,
				2262811-961	22C-11-12
			Broad-woven fabric: woolen; worsted.	2231210-925	22A-16
			Hemp.....	2299200	22F-19
			Hosiery.....	2251113-	22B-21
				2252498	
			Jute.....	2299211-59	22F-19
			Linen.....	2299271-79	22F-19
			Narrow fabric.....	2241111-511	22A-17
			Scoured wool.....	2297017	22F-17
			Thread.....	2284111-311	22E-13-14
			Yarn, except wool.....	2281111-	22E-12-
				2282951	13
			Yarn, wool.....	2283121-211	22E-13
			Textiles:		
			Asbestos.....	3292711-31	32E-16
			Finishing, except wool.....	2261711-971,	22C-11-
				2262811-961	12
			Nonwoven (bonded fabrics).....	2299111-19	22F-19
			Textile waste, processed.....	2294012-98	22F-16
			Therapeutic apparatus, electrical.....	3693081	36E-12
			Thermometers.....	3821311-15	38A-20
			Thinners for dopes, lacquers, and		
			oleoresinous thinners.....	2851411	28E-8
			Thread:		
			Home consumption.....	2284111-59	22E-13
			Industrial or manufacturer's use....	2284211-31	22E-14
			Linen.....	2299271	22F-19
			Rubber, bare.....	3069861	30A-17
			Rubber, fabric-covered.....	2241511	22A-17



Product	Code	Page	Product	Code	Page
Thread-grinding machines.....	3541410	35C-14	Tops: wool; other.....	2297017-45, 71	22F-17- 18
Threshers, peanut, except combines.....	3522821	35A-17	Torsion bar springs.....	3493081	34E-22
Threshers, stationary.....	3522821	35A-17	Toupees.....	3999321	39E-16
Threshing machines (combines).....	3522500	35A-15	Towboats, nonmilitary.....	3731310	37C-17
Thrown filament yarns, including textured yarns.....	2282121-65	22E-13	Toweling, cotton.....	2211431, 2261711-971	22A-14, 22C-11
Tickets: lithographed.....	2752645	27B-14	Towels:		
Tickets: printed (letterpress).....	2751631	27B-13	Knit fabric.....	2259085	22B-25
Tickings.....	2211210	22A-14	Linen.....	2299279	22F-19
Ties, mine and railroad, hewn.....	2411098	24A-13	Paper.....	2649371-75	26B-16
Ties: mine, sawed.....	2421151	24A-13	Woven fabric, except linen.....	2211911-31, 2392911-31	22A-14, 23E-17
Tile:			Toxins; bacterial or modified.....	2831111-227	28C-9
Asphalt, floor.....	3292511	32E-16	Toy animals, stuffed.....	3942051	39B-12
Concrete.....	3272211	32D-14	Toys, rubber, except balloons, balls, and dolls.....	3069881	30A-17
Cork, except insulation.....	2499453	24C-16	Toys: wood; metal, plastic.....	3941011-98	39B-12
Drain and roofing, clay.....	3259211, 41	32B-13	Tractors, construction machinery.....	3531110-210	35B-17
Floor and wall, clay.....	3253011-51	32B-12	Tractors, farm machinery.....	3522210, 881	35A-13, 18
Floor and wall, unsupported plastic..	3079531-35	30A-18	Tractors and trucks, industrial.....	3537011-81	35B-22
Floor and wall, supported plastic....	3982291	39D-13	Tractors, truck, for highway use.....	3717201-51	37A-12
Hollow-building, clay.....	3251211-51	32B-12	Trailer coaches, housing type.....	3791011	37C-19
Linoleum.....	3982131-35	39D-13	Trailers:		
Quarry.....	3253071	32B-12	Automobile, except housing type.....	3799115-51, 291	37C-19
Time recording and stamping machines...	3579010	35F-11	Boat.....	3799291	37C-19
Time switches, electrical.....	3613327	36A-19	Hand-operated.....	3537061-65	35B-22
Timing mechanism (not for timepiece use).....	3871161-65	38B-11	Truck.....	3715012-55	37A-11
Tin-base alloys (babbitt metal).....	3332335, 3341335	33C-16	Tranquilizers.....	2834751-59	28C-10
Tin cans (for packaging).....	3411011-85	34A-15	Transceivers, communication equipment..	3662151-58	36D-19
Tin compounds, chemical.....	2819979-81	28A-23	Transformers:		
Tincture of iodine.....	2834929	28C-11	Lighting.....	3612151	36A-17
Tin foil.....	3497047	34E-23	Power; distribution.....	3612211-19	36A-18
Tinners snips.....	3421155	34A-15	Radio and TV.....	3679431-98	36D-21
Tin plate.....	3312321	33A-16	Resistance welder.....	3623361	36A-21
Tin, unalloyed; refined.....	3341671	33C-17	Specialty.....	3612111-98	36A-17
Tinware utensils, stamped and spun....	3461515	34D-19	Transfusion equipment.....	3841081	38A-21
Tire cord and tire fabrics.....	2296010-38	22F-17	Transistors and diodes.....	3679111-98	36D-20
Tire cord yarns, spun on cotton system.	2281151	22E-12	Transits.....	3811211	38A-20
Tire repair materials.....	3011551	30A-15	Transmission hardware, high voltage....	3644151	36C-15
Tires: pneumatic (casings) solid.....	3011111-351	30A-15	Transmitters.....	3662112-18, 211-21	36D-19
Tissue paper, except sanitary and thin paper.....	2621878	26A-13	Transportation equipment, nec (see also specific kind).....	3799213-98	37C-19
Tissues, facial.....	2649311	26B-16	Tricycles.....	3943031-41	39B-12
Titanium compounds.....	2819998	28A-23	Trimings:		
Titanium pigments, 100% TiO <sub>2</sub> .....	2816111	28A-18	Fabric.....	2398116-17, 311-31	23E-18
Titanium, rolling and drawing.....	3356072-75	33D-20	Fur.....	2371011	23D-19
Titanium sponge, unalloyed.....	3339771, 3341681	33C-17	Hat, men's.....	2398231	23E-18
Toasters, electric.....	3634336	36B-16	Trophies, silverware and plated ware...	3914111-61	39A-10
Tobacco leaf, packed.....	2141111-51	21A-11	Trolley-line material, overhead.....	3643092	36C-15
Tobacco-manufacturing machinery.....	3559531-39	35D-17	Trousers, separate dress, men's, boys'.	2327112-51	23A-28
Tobacco pipes.....	3999341	39E-16	Trousers, work, men's; boys'.....	23282--	23A-28
Tobacco: smoking, chewing.....	2131011-17	21A-11	Truck and bus bodies.....	3713012-98	37A-11
Tobacco: stemmed; redried.....	2141111-231	21A-11	Trucks and tractors, industrial.....	3537011-81	35B-22
Toilet paper.....	2649341-55	26B-16	Trucks, motor vehicle.....	3717201-51	37A-12
Toilet partitions, metal.....	2542013	25B-17	Truck-trailers.....	3715012-55	37A-11
Toilet preparations.....	2844131-598	28D-14- 15	Trunks, luggage.....	3161063	31B-13
Toilet seats.....	2499587	24C-17	Trusses: orthopedic; surgical.....	3842151	38A-21
Toiletware: silver; plated.....	3914111-61	39A-10	Tubes:		
Tomatoes, canned.....	2033271	20C-19	Collapsible.....	3496011-29	34E-23
Tomato pulp, puree; paste.....	2033661-79	20C-21	Electric-light.....	3641063	36C-12
Tomato sauces, except catsup and chili sauce.....	2033611	20C-20	Electronic, except X-ray.....	3671-3673	36D-20
Toners, photographic chemicals.....	3861811	38B-11	Fiber.....	2655231	26C-14
Toners, synthetic organic.....	2815311	28A-18	Inner (rubber).....	3011421-27	30A-15
Tonics and alternatives.....	2834981-83	28C-11	X-ray.....	3693041-47	36E-12
Tools (see also specific kind):			Tubing:		
Hand; edged.....	3423211-98	34A-16	Aluminum and aluminum-base alloy....	3352651-55	33D-20
Mechanics' hand service.....	3423111-98	34A-15	Copper and copper-base alloy.....	3351215, 37	33D-18
Other than mechanics' service.....	3423211-398	34A-16	Flexible metal.....	3599061	35G-22
Power-driven, hand.....	3548211-61	35C-18- 19	Glass.....	3229477-78, 3231639	32A-13- 14
Tools, machine, metal cutting.....	3541110-941	35C-13- 15	Plastic (under 1/2" diameter).....	3079221	30A-18
Toothbrushes.....	3981321	39D-13	Rubber (except reinforced).....	3069281	30A-16
Tooth paste; powder.....	2844411-31	28D-15	Steel: welded; heavy-riveted; seamless	3312601, 3317601	33A-16, 19
Toothpicks, wooden.....	2499564	24C-17	Zinc and zinc-base alloys.....	3356071	33D-20
Topcoats and overcoats, men's and boys'	2311212-75, 431	23A-26	Tubs:		
Top lifts and heel lifts.....	3131026	31A-15	Bath, enameled iron.....	3431011	34B-11



Product	Code	Page	Product	Code	Page
Tubs--Continued			Vacuum tubes: radio; TV (receiving type).....	3671011-51	36D-20
Laundry, stamped.....	3461861-81	34D-19	Valves and fittings, except plumbers' brass goods.....	3494111-498	34E-22-23
Wooden.....	2445059	24C-15	Valves (intake and exhaust) for internal combustion engines.....	3599091-95	35G-22
Tugboats, nonmilitary.....	3731310	37C-17	Vanity cases, except precious metal....	3961091	39C-16
Tumblers, glass.....	3229115, 31, 34, 3231631	32A-13-14	Vanity cases, precious metal.....	3911198, 298	39A-10
Tung oil (china-wood oil).....	2093262-67	20H-13	Variety bags, paper.....	2643111	26B-14
Tungsten compounds, chemical.....	2819999	28A-23	Varnishes.....	2851161-68, 241-47	28E-7-8
Turbine-generator-set units, steam and hydraulic.....	3511112-41	35A-12	Varnish removers.....	2852061-65	28E-8
Turbines, gas (except aircraft).....	3511251	35A-12	Vases, glass.....	3229124, 33, 36, 3231639	32A-13-14
Turbines: steam; water; gas.....	3511221-29, 41-51	35A-12	Vases, pottery and china.....	3269011-31	32C-10
Turkeys, dressed.....	2015311-15	20A-14	Vats and bins: sheet-metal.....	344362-64	34C-22
Turnbuckles and toggle bolts (except forged).....	3452198	34D-18	Vaults, metal: burial.....	3988391	39D-14
Turpentine:			Vaults, metal: except burial.....	3492098	34E-22
Gum.....	2861211	28F-12	V-belts, rubber.....	3069121-51	30A-15-16
Sulphate.....	2611287	26A-12	V-blocks, toolroom.....	3545351	35C-18
Wood.....	2861113	28F-12	Veal, fresh and frozen.....	2011212-61	20A-12
Twills, cotton.....	2211210, 510	22A-14	Vegetable juices, canned.....	2033511-98	20C-20
Twine.....	2298131-39, 211-27, 321-31	22F-18	Vegetable oils (see specific kind)		
Type metal.....	3332371, 3341371	33C-16	Vegetable sauces, for meat, except tomato.....	2035351	20C-21
Typesetting.....	2791010	27C-15	Vegetables:		
Typesetting machinery.....	3555251-59	35D-16	Canned.....	2033211-291	20C-18-19
Typewriters.....	3572010	35F-10	Dehydrated.....	2034011	20C-21
U			Frozen.....	2037211-98	20C-22
Ukuleles.....	3931498	39B-12	Pickled, brined.....	2035211-61, 371	20C-21
Umbrellas, parasols, and canes.....	3995011	39E-16	Vehicle hardware.....	3429151-55	34A-16
Undercoatings, paint.....	2851125, 156, 222	28E-7-8	Vehicle stock, wooden, except turned...	2426285	24A-14
Underwear: men's, boys'.....	2254112, 2322112-60	22B-23, 23A-27	Vehicle stock, wooden, turned.....	2426285	24A-14
Uniforms:			Vehicles (see also specific kind):		
Maids'.....	2339211	23B-19	Children's.....	3943011-98	39B-12
Men's; boys'.....	2311175	23A-26	Horse-drawn.....	3799213, 98	37C-19
Nurses'.....	2339211	23B-19	Motor (passenger cars).....	3717111	37A-12
Union suits: men's; boys'.....	2254112, 2322121-25	22B-23, 23A-27	Velocipedes.....	3943031-41	39B-12
Union suits; women's; children's.....	2341239	22B-24, 23C-24	Vending machines, coin-operated, nonrefrigerated.....	3581212	35G-15
Unit heaters.....	3433630	34B-13	Vending machines, coin-operated, refrigerated.....	3581112	35G-15
Unit ventilators.....	3433660	34B-13	Veneer.....	2432511-71, 2432611-31	24B-12
Universal joints, except motor vehicle.	3566325	35E-20	Veneer and plywood-making machinery....	3553115	35D-15
Universal joints, motor vehicle, replacement parts.....	3717600	37A-12	Venetian blinds.....	2591211-81	25B-17
Upholstered furniture, household, metal	2514451-59	25A-13	Ventilators, roof, sheet-metal.....	3444315	34C-22
Upholstered furniture, household, wood.	2512111-511	25A-17	Ventilators, unit.....	3433660	34B-13
	2512112-98		Ventilating fans, industrial.....	3564111-28	35E-19
Upholstery filling.....	2293051-59	22F-16	Veritas rings, pottery ware.....	3269081	32C-10
Uppers (shoe cut stock).....	3131046	31A-15	Vermicelli.....	2098011	20I-11
Upsetters and headers, forging machines	3542310	35C-16	Vermiculite, exfoliated.....	3296141-49	32E-17
Urns, coffee maker, household, electric	3634314-18	36B-15	Vessels and tanks, pressure.....	3443533-38, 611, 13	34C-21
Urns, coffee, commercial.....	3589129, 71.	35G-21	Vests, men's; boys'; work and sport....	2329241	23A-28
Urns, cut-stone.....	3281198, 298, 341	32B-15	Vests, women's; children's; underwear..	2254212, 2341201-298	22B-23-24
Utensils:			Veterinary instruments.....	3841081	38A-21
Cast-aluminum.....	3361071-75	33D-24	Vibrators for radio power supplies....	3679549	36D-21
Cast-iron.....	3321498	33B-11	Vinegar.....	2099652-57	20I-11
Cooking and kitchen, vitreous-enameled.....	3461111	34D-18	Viruses.....	2831111-227	28C-9
Earthenware.....	3263012-52	32C-10	Visors, cap.....	2398231	23E-18
Pulp goods.....	2646212-98	26B-15	Vitamins, bulk, natural.....	2833141	28C-9
Stamped and spun metal.....	3461401-551	34D-19	Vitamins for animal feed.....	2833251	28C-9
Vitreous-china.....	3262013-52	32C-10	Vitamins, for human use (pharmaceutical preparations).....	2834511-41	28C-10
V			Vitreous-china food utensils.....	3262013-52	32C-10
Vaccines.....	2831111-227	28C-9	Vitreous enamel (frit).....	2899387	28G-17
Vacuum bottles and jugs.....	3429315-17	34A-17	Vitreous enameled products.....	3461111-98	34D-18
Vacuum cleaners, household.....	3635011-71	36B-16	Vitreous plumbing fixtures.....	3261011-51	32C-10
Vacuum cleaners, industrial.....	3584011-98	35G-15	Voiles, cotton.....	2211510	22A-14
Vacuum pumps, except dry vacuum and laboratory.....	3561291	35E-16	Voiles, rayon (gray goods).....	2221210	22A-15
Vacuum pumps, laboratory.....	3811261	38A-20	Voltmeters.....	3611331, 85	36A-17
			Voting machines.....	3571212	35F-10
			Vulcanized fiber cans, tubes and drums.	2655298	26C-14
			Vulcanized fiber, plastics materials...	2821551-55	28B-13



Product	Code	Page	Product	Code	Page
<b>W</b>					
Waffle irons, electric, household.....	3634339	36B-16	Weldments, steel plate.....	3443451	34C-20
Wagons, children's.....	3943061	39B-12	Welting, leather.....	3111160	31A-14
Wagons, horse-drawn.....	3799213	37C-19	What-nots, wooden.....	2511298	25A-16
Waistbands, trouser.....	2398211	23E-18	Wheat bran, shorts, and middlings.....	2041211	20D-13
Waists:			Wheelbarrows.....	3799253	37C-19
Children's; infants'.....	2361041, 91	23C-27	Wheel chairs.....	3842198	38A-22
Girls'; teen-age girls'.....	2361041-89	23C-27	Wheels:		
Women's; misses'; juniors'.....	2331710	23B-19	Abrasive, dental.....	3843061	38A-22
Walkers, baby.....	3943021	39B-12	Abrasive, except dental.....	3291231-35,	32E-15
Walk-in coolers.....	3585312	35G-18	55, 61		
Wall and floor furnaces.....	3433619	34B-13	Automotive, replacement parts.....	3717600	37A-12
Wallboard, hardboard, and insulating			Buffing; polishing.....	3291371	32E-15
board.....	2661112-14,	26A-14	Carbon steel, rolled.....	3312041	33A-17
	311-21		Railroad car, chilled iron.....	3321421	33B-11
Wallboard, laminated.....	2649561-63	26B-16	Whips, amusement machinery.....	3599098	35G-22
Wall cases, office, metal.....	2522321-	25B-16	Whips, leather.....	3199031	31B-14
	27		Whirleys, revolving cranes.....	3531000	35B-19
Wallets and billfolds.....	3172011-17	31B-14	Whisk brooms.....	3981198	39D-13
Wall paper.....	2644011-55	26B-15	Whiskey.....	2085111-381	20G-14
Wardrobe and mothproof bags, paper.....	2643198	26B-14	Whiteprinting equipment, direct process	3861221-25	38B-10
Wardrobes, household, wooden.....	2511531	25A-16	Whiting.....	2816325	28A-18
Warping machines, textile.....	3552153	35D-15	Wick, asbestos.....	3292731	32E-16
Washcloths, except knit.....	2211953,	22A-15,	Winches, except for mounting on		
	2392953	23E-17	tractors.....	3531952	35B-17
Washcloths, knit.....	2259081	22B-25	Winding machines, yarn.....	3552151	35D-15
Washers:			Windmill heads and towers.....	3522861	35A-20
Cork.....	2499423	24C-16	Window--		
Leather.....	3121071	31A-14	Frames; sash; metal.....	3442211-51	34C-20
Metal.....	3452141-45	34D-18	Frames, wooden.....	2431311	24B-11
Rubber.....	3069598	30A-17	Glass, sheet.....	3211121-211	32A-12
Washing machines, commercial laundry...	3582021	35G-15	Sash, wooden.....	2431211-71	24B-11
Washing machines, household.....	3633151-39	36B-15	Screens, metal framed.....	3442531	34C-20
Washing powders, containing synthetic			Screens, wood framed.....	2431871	24B-12
organic detergents.....	2841518, 618	28D-13	Shades.....	2591112	25B-17
Washing powders, soaps.....	2841224, 324	28D-12	Windrowers or swathers.....	3522500	35A-15
Waste, textile; processed.....	2294012-98	22F-16	Wines and brandy.....	2084011-71	20G-13-14
Watch cases.....	3872011-71	38B-12			
Watch crystals, glass.....	3231651	32A-14	Winter sports equipment.....	3949298	39B-13
Watches.....	3871412-579	38B-11-12	Wire and cable, insulated.....	3357413-998	33D-22-23
Water bottles, rubber.....	3069711	30A-17	Wire:		
Water coolers, mechanical, drinking			Barbed; twisted.....	3315951,	33A-18,
water.....	3585343	35G-18		3481951	34E-20
Waterers, hog.....	3522841	35A-18	Nonferrous metal, except insulated,		
Waterers, poultry.....	3522851	35A-17	aluminum.....	3352111-51	33D-18-
Water glass (silicate of soda).....	2819741	28A-21		3357111-51	20
Water heaters:			Nonferrous metal, except insulated,		
Except electric and livestock.....	3639211-53	36B-17	copper.....	3351111-31,	33D-18-
Electric, household.....	3639111-98	36B-17		3357211-51	20
Livestock.....	3522841	35A-18	Nonferrous metal, except insulated,		
Water ices.....	2024051	20B-16	Other.....	3356081,	33D-20
Water meters.....	3821231	38A-20	Steel, except insulated.....	3357311	
Water pipe, cast iron.....	3321211-51	33B-11		3312501,	33A-16,
Waterproof garments, except rubber....	2385011-98	23D-19-20	Wire cloth, industrial, steel.....	3315761,	33A-18
				3481761	34E-20
Waterproof garments, rubber.....	3069841-58	30A-17	Wire-drawing machines.....	3548545	35C-19
Water proofing compounds.....	2899381	28G-17	Wire glass.....	3211411	32A-12
Water softeners, mechanical.....	3589222-28	35G-21	Wire products, fabricated.....	331511-998,	33A-17-
Water treating compounds.....	2899377-79	28G-17		3481111-998	19
Water turbine generator sets.....	3511141	35A-12			34E-19-
Watt-hour meters.....	3611133-51	36A-17	Wire recorders, electric.....	3651331	36D-17
Wave set preparations.....	2844361	28D-15	Wire springs, steel.....	3481211-398	34E-19
Waxed paper.....	2641221-81	26B-14	Wiring devices, current-carrying.....	3643001-98	36C-14
Waxing machines, floor, commercial			Wiring devices, noncurrent carrying...	3644111-323	36C-15
and industrial.....	3589235	35G-21	Wood alcohol.....	2861241	28F-12
Waxing machines, floor, household type.	3639331	36B-17	Woodbox-making machinery.....	3553115	35D-15
Wax, petroleum.....	2911061-81	29A-13	Wood distillates, hardwood.....	2861231-61	28F-12
Weatherstrip, metal.....	3442551	34C-20	Wood distillates, softwood.....	2861113-98	28F-12
Webbing, jute.....	2299259	22F-19	Woodenware, flat veneer.....	2499584	24C-17
Weeders and cultivators, agricultural..	3522815	35A-16-17	Woodenware, turned, shaped or molded...	2499583	24C-17
			Wood fillers and sealers.....	2852021	28E-8
Weeders, hand, steel.....	3423341	34A-16	Wood preparation equipment.....	3554011	35D-16
Weed killers.....	2873091-96	28F-14	Wood preserving.....	2491111, 911	24C-16
Weighing machines.....	3576011-83	35F-10-11	Wood products, prefabricated.....	2433121-298	24B-12-13
Welding and cutting apparatus,			Wood pulp.....	2611111-279	26A-12
acetylene.....	3548321-31	35C-19	Wood rosin.....	2861131	28F-12
Welding apparatus, electrical.....	3623111-381	36A-20-21	Wood turnings, textile machinery.....	3552211	35D-15
			Wood turpentine.....	2861113	28F-12
Welding fluxes.....	2899342	28G-17	Woodworking machinery.....	3553112-298	35D-15

Product	Code	Page	Product	Code	Page
Wool and woolen products, except apparel:			<b>Y</b>		
Carpets and rugs.....	2271111-27, 2272041	22D-8	Yachts.....	3731310	37C-17
Dyeing and finishing.....	2231511-93	22A-16	Yarn:		
Fabrics, broad-woven.....	2231210-451	22A-16	Acetate.....	28231--	28B-14
Felts, woven.....	2231250, 451	22A-16	Asbestos.....	3292711	32E-16
Scoured.....	2297017	22F-17-18	Carpet and rug, woolen or worsted....	2283211	22E-13
Tops and noils.....	2297041, 61	22F-17-18	Cotton.....	226912-32, 2281111-271	22C-12, 22E-12
Yarns.....	2231111-925	22A-16	Jute.....	2299211	22F-19
Wool grease, recovered.....	2297081	22F-18	Rayon, viscose, and cuprammonium process.....	2823211-39	28B-14
Wool, mineral.....	3296111-298	32D-17	Silk-system.....	2281431	22E-12
Wool, steel.....	3291431	32E-15	Thrown, filament, including textured yarn.....	2282121-65	22E-13
Wool-felt hats.....	2352141-45	23C-26	Wool.....	2283121-211	22E-13
Work pants, men's and boys'.....	23282--	23A-28	Yarn fabrics, colored: cotton.....	2211410-51, 2261711-971	22A-14, 22C-11
Work shirts: men's; youths'; boys'....	23281--	23A-28	Yarn finishing, except wool.....	2269012-32, 2281187-341	22C-12
Worsted products - see wool			Yarn, finishing, wool.....	2231111	22A-16
Wrapping machines, except food; tobacco.....	3569011	35E-21	Yeast.....	2099421-71	20I-11
Wrapping and industrial paper stock....	2621601-759	26A-13	Yeast tablets, for human use.....	2834981	28C-11
Wrapping products, except coated, oiled, and waxed.....	2649261-98	26B-16	Yogurt.....	2026433	20B-17
Wrapping tissue paper.....	2621878	26A-13	<b>Z</b>		
Wrenches, hand tools.....	3423133-39	34A-15	Zinc and zinc-base alloy--		
Wringers, domestic laundry equipment...	3633271	36B-15	Castings.....	3369051-61	33D-24
Writing ink.....	2899372	28G-17	Compounds, chemical.....	2819984-88	28A-23
Writing paper and envelopes (stationery; tablets).....	2649111-59	26B-16	Rolling and drawing.....	3356071	33D-20
Writing paper, stock.....	2621542-52	26A-13	Smelting and refining.....	3333111-461, 3341401-11	33C-16-17
Wrought iron forgings.....	3391000	33E-9	Zippers.....	3964111	39C-16
<b>X</b>			Zithers.....	3931498	39B-12
X-ray equipment, except film.....	3693012-79	36E-12			
X-ray film.....	3861563	38B-11			
X-ray tubes.....	3693041-47	36E-12			

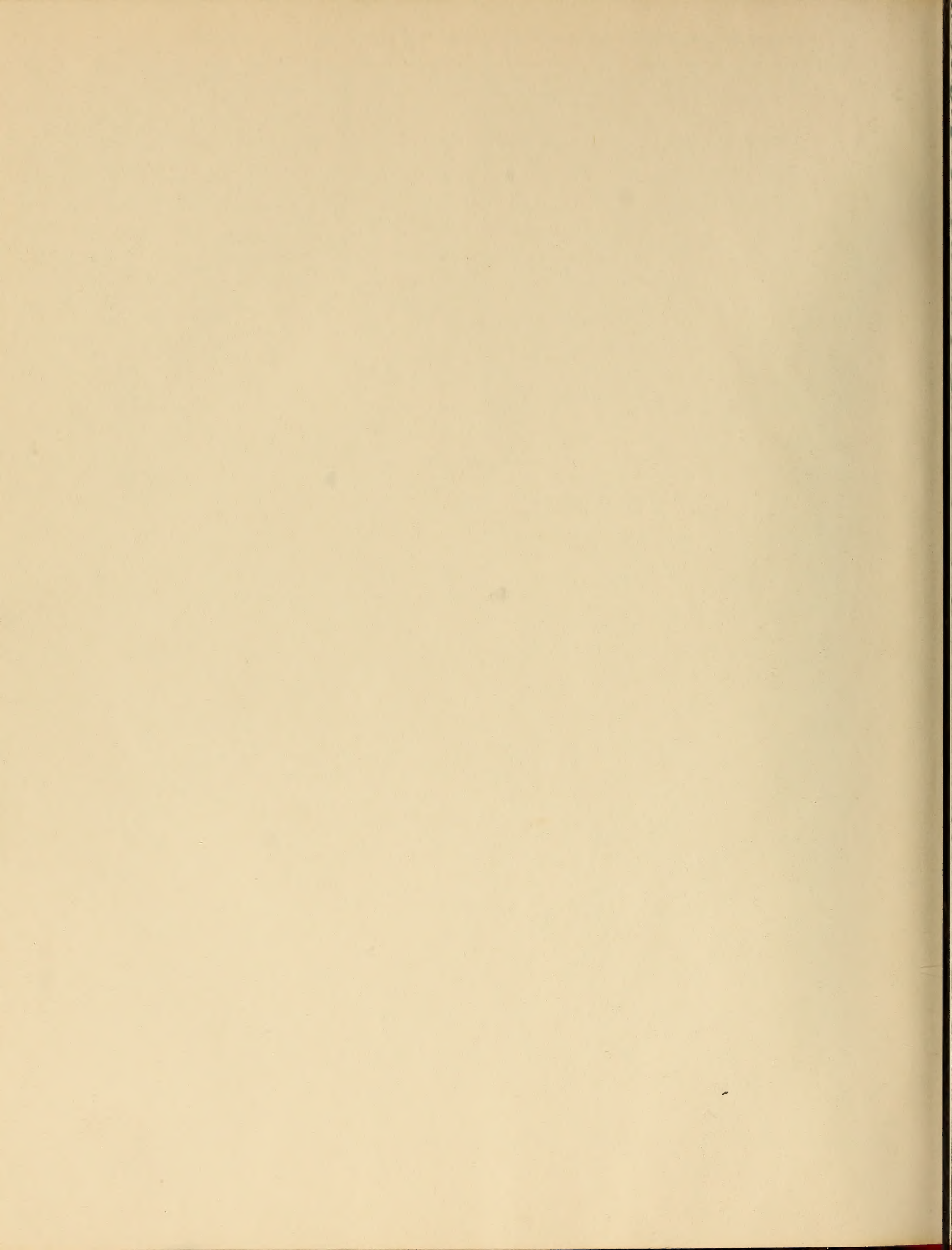










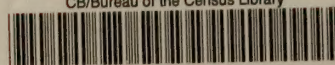








CB/Bureau of the Census Library



5 0673 01119659 2